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CITY ENGINEER

1149 S. BROADWAY, SUITE 700
LOS ANGELES, CA 90015-2213

http://eng.lacity.org

March 13, 2019

The Honorable Herb J. Wesson, Jr.
President
Los Angeles City Council

c/o Holly L. Wolcott
City Clerk
City Hall Room 360

BRIDGE HOUSING ON 1819 S. WESTERN AVE AND ON 625 LA FAYETTE PLACE (CF 18-0392) CALIFORNIA ENVIRONMENTAL QUALITY ACT NOTICE OF EXEMPTION (NOE)

Dear President Wesson and Honorable Members:

On March 8, 2019, the Homelessness and Poverty Committee considered a motion relative to the development on the above-referenced properties for the temporary use as bridge housing for those experiencing homelessness.

RECOMMENDATION

Staff recommends that the City Council determine:

- The Bridge Housing Project on 1819 S. Western Avenue, which allows the development and use of the property as a temporary shelter, is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to State CEQA Guidelines Article 19, Sections 15301, Class 1(a)(b), 15303, Class 3(c), and 15304 Class 4(a)(b)(e); and the City of Los Angeles CEQA Guidelines, Art. III, Sec. 1, Class 1(12) and Class 4(1)(3)(6), and;

- The Bridge Housing Project on 625 La Fayette Place, which allows the development and use of the property as a temporary shelter, is categorically exempt from the provisions of CEQA pursuant to State CEQA Guidelines Article 19, Sections 15301, Class 1(h), 15303 Class 3(c), and 15304 Class 4(a)(b)(e); and the City of Los Angeles CEQA Guidelines, Art. III, Sec. 1, Class 1(8)(12) and Class 4(1)(3)(6).

Refer to the attached CEQA Notices.

yclable and made from recycled waste.

If you have any questions, please contact Allan Kawaguchi at (213) 485-4687.

Sincerely,

Gary Lee Moore, PE, ENV SP
City Engineer

GLM/AK/mem
Q:\Heloise\CD 10_625 S La Fayette Park Place Bridge Housing\NOE_CEQA\Transmittal Council BH on Western Ave and on BH on Lafayette 3-13-19.doc

Attachments

ATTACHMENT A

CEQA NOTICE OF EXEMPTION

WESTERN AVENUE BRIDGE HOUSING PROJECT
1819 WESTERN AVENUE, LOS ANGELES, CA 90047

COUNTY CLERK'S USE	CITY OF LOS ANGELES OFFICE OF THE CITY CLERK ROOM 395, CITY HALL LOS ANGELES, CALIFORNIA 90012 CALIFORNIA ENVIRONMENTAL QUALITY ACT	CITY CLERK'S USE

NOTICE OF EXEMPTION

(Articles II and III – City CEQA Guidelines)

Submission of this form is optional. The form shall be filed with the County Clerk, 12400 E. Imperial Highway, Norwalk, California, 90650, pursuant to Public Resources Code Section 21152(b). Pursuant to Public Resources Code Section 21167(d), the filing of this notice starts a 35-day statute of limitations on court challenges to the approval of the project.

LEAD CITY AGENCY AND ADDRESS: City of Los Angeles
c/o Bureau of Engineering
1149 S. Broadway, MS 939
Los Angeles, CA 90015

COUNCIL DISTRICT
10

PROJECT TITLE: 1819 S. Western Avenue-Bridge Housing (W.O. E1908381)

LOG REFERENCE
C. F. No. 18-0392

PROJECT LOCATION: 1819 S. Western Avenue, within the South Los Angeles Community Plan Area, T.G. 633 H5

DESCRIPTION OF NATURE, PURPOSE, AND BENEFICIARIES OF PROJECT: The project will provide emergency shelter, hygiene, storage, food services, and case management to homeless individuals, and will operate on a temporary basis, for up to 3 years. The purpose is to provide emergency shelter for the homeless to help bridge their transition from living on the streets to finding services and, ultimately, living in transitional and/or permanent housing. The project site is comprised of four (4) lots that total approximately 25,506 square feet, including the Council District (CD) 10 Office building. The project includes the addition of a 24 x 120-foot trailer (total of 2,880 square feet) to the parking lot of the CD 10 Office. The trailer will be equipped with 15-bed sleeping and lounging area with a sink, two offices, one employee restroom, one resident restroom, and storage/laundry facilities. The project also includes an outdoor free-standing area with a shade structure over three picnic tables and a food preparation counter with a small sink. Also included, will be a new pedestrian gate, new chain link fencing and green screen fence on the northern edge of site, a dog run area, and new landscaping. Refer to Page 3 for continued project description and Attachment A for conceptual site plan and aerial views. Beneficiaries include the homeless community, the public, and local businesses. Refer to the attached narrative for additional details. On _____ __, 2018, the City Council determined this action was exempt from CEQA and approved the project.

CONTACT PERSON: Maria Martin **TELEPHONE NUMBER: (**213) 485-5753

EXEMPT STATUS: (Check One)

	CITY CEQA GUIDELINES	STATE CEQA GUIDELINES
☐ MINISTERIAL	Art. II, Sec. 2.b	Sec. 15268
☐ DECLARED EMERGENCY	Art. II, Sec. 2.a(1)	Sec. 15269(a)
☐ EMERGENCY PROJECT	Art. II, Sec. 2.a(2)(3)	Sec. 15269(b)(c)
☐ GENERAL EXEMPTION	Art. II, Sec. 1	Sec. 15061(b)(3)
☒ CATEGORICAL EXEMPTION*	Art. III, Sec.1, Class 1(12)	Sec. 15301
	Art. III, Sec.1, Class 3(3)	Sec. 15303(c)
	Art. III, Sec.1, Class 4(1)(3)(6)	Sec. 15304(a)(b)(e)
☐ STATUTORY*	Art. _____	Sec. _____

* See Public Resources Code Sec. 21080 and set forth state and city guidelines provisions.

JUSTIFICATION FOR PROJECT EXEMPTION: This project is exempt pursuant to CEQA Article 19, Sections 15301, Class 1 *Existing Facilities*, 15303 Class 3(c) *New Construction of Small Structures*, 15304 Class 4(a)(b)(e) *Minor Alterations to Land*. The project is also categorically exempt under the *City of Los Angeles CEQA Guidelines,* Art. III, Sec. 1, Class 1(12) *Existing Facilities,* Class 4(1)(3)(6) *Minor Alterations to Land*. None of the limitations set forth in State CEQA Guidelines 15300.2 apply. Please see attached narrative

IF FILED BY APPLICANT, ATTACH CERTIFIED DOCUMENT OF EXEMPTION FINDING

SIGNATURE:	TITLE:	DATE:
Maria Martin	Environmental Affairs Officer Environmental Management Group	

FEE:	RECEIPT NO.	REC'D BY	DATE
$75.00_____			

DISTRIBUTION: (1) County Clerk (2) City Clerk (3) Agency Record

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CATEGORICAL EXEMPTION NARRATIVE

I. PROJECT DESCRIPTION (Continued)

The project consists of a temporary change in use from a City of Los Angeles (City)-owned paved parking lot with minimal landscaping to a temporary Bridge Housing emergency homeless shelter for no more than three years. As indicated above, the project site is located within Council District 10 Office at 1819 S. Western Avenue, Los Angeles, CA 90006. Refer to Figure 1. Project Location Map. The addresses that comprise the Council District 10 property include 1819 and 1825 S. Western Avenue and 1818 to 1826 S. Manhattan Place. Associated Assessor Parcel Nos. (APNs) are 5073-013-900 (two tied lots), 5073-013-901 and 5073-013-902. The property is comprised of four (4) lots that total approximately 25,506 square feet, including the Council District Office building.

The project site is flat, entirely paved, and lies at approximately 210 feet above mean sea level. It is located within an area with both commercial and residential land uses. Surrounding parcels to the north, east and south are also zoned [Q]C2-1 with a Community Commercial land use designation. Parcels to the west are zoned R3-1 with a Medium Residential land use designation. The project site is located in the Transit Priority Area on Western Avenue, which is a designated Avenue I in the City of Los Angeles' Mobility Plan. (Ref. 2) The closest major transit stop is 466-feet south of the Project site at the corner of Washington Boulevard and Western Avenue.

The project site is entirely paved with ornamental trees and shrubs at the entrance/exit to the parking lot along South Manhattan Place. No rooted trees or shrubs occur in the parking lot. A few potted plants in large planters are located adjacent to the Council District office.

The project will provide a temporary facility with overnight shelter and support for local homeless persons, in Council District 10 within the South Los Angeles Community Plan Area of the City. Nineteen parking spaces will remain to serve the Council Office and shelter staff and operational support services. The site will be staffed 24 hours a day, with security personnel, and equipped with security directional lighting. Full staff will be onsite during operational hours. Standard conditions, including a construction management plan incorporated into the project design, will apply.

The project use is allowed under current [Q]C2-1 and P-1 zoning and Community Commercial land use designation. The project is consistent with the City of Los Angeles General Plan. The facility will provide emergency shelter, hygiene, storage, food services, and case management to homeless individuals. The facility will be operated by the City through Los Angeles Homeless Services Authority, or another City vendor.

Connecting the project to existing utilities will require minor trenching. Maximum depth of ground disturbance anticipated is approximately 4 feet for utility trenching.

The project is not anticipated to result in any significant effect on environmental resources. Project design shall comply with a construction management plan that includes project design conditions, as necessary, to protect the health, safety, or convenience of affected sensitive receptors, located in the neighborhood that surrounds the project. The construction

Figure 1. Project Location Map - 1819 S. Western Avenue



management plan and appropriate design conditions have been selected from the BOE, Master Specifications, Division 01, General Requirements, Section 01562, Part 1.1.C. (Refs.1 and 4) Selected design conditions are detailed further under applicable resource area analyses. In addition, unless otherwise stated, the project will be designed, constructed and operated following all applicable laws, regulations, ordinances and formally adopted City standards including but not limited to the following:

- Los Angeles Municipal Code
- Bureau of Engineering Standard Plans
- Standard Specifications for Public Works Construction
- Work Area Traffic Control Handbook
- Additions and Amendments to the Standard Specifications for Public Works Construction

II. PROJECT BACKGROUND

In the City and County of Los Angeles, the presence of the unsheltered homeless population has been growing over the years, as well as homeless encampments. Because of this, in some areas of the city, access to public places, access routes, and businesses has been hindered, and although there are a growing number of support services to help the homeless find their way off the streets, more services are needed. The latest homeless count in the project area was completed by the Data and Research Unit of the Los Angles Homeless Services Authority. See Table 1. Homeless Population Count containing information prepared by this Unit on August 20, 2018 for the associated census tract (Tract No.221302) of the project site and for a 1.5-mile radius from the site. (Ref.5)

Table 1. Homeless Population Count

Homeless Population	Within Census Tract (221302)	1.5 miles
Unsheltered	15	609
Sheltered	0	101
Total	15	710

Over the years, as the homeless population has grown, other similar services to that of the project have developed in the general area (within 5 miles) of the proposed project, as listed in the Homeless Shelter Directory (Ref.6)

1) **Los Angeles Youth Network**, 1754 Taft Ave. Los Angeles, California 90028. This service provides shelter and stabilization services for homeless teens ages 12-17.
2) **Salvation Army the Way In Drop In Shelter for Youth**, 5939 Hollywood Blvd., Los Angeles, CA 90028. This program provides runaway services for youth 12 to 17 years who are in the Hollywood area. Services include a drop-in center, an outreach

program and referrals to other programs. Services are restricted to youth in the Hollywood area.

3) **PATH Hollywood**, 5627 Fernwood Ave., Los Angeles, CA 90028. Provides emergency housing for homeless individuals in Los Angeles County, called “Interim Housing”. The purpose of Interim Housing is to provide safe, stable housing for chronically homeless individuals who are waiting for available long-term housing.

4) **Hope for Homeless Youth**, 2406 Kent St., Los Angeles, CA 90026. Hope for Homeless Youth provide free shelter and rehab programs for troubled youths of the inter city. They target teenage prostitutes, runaways, drug, alcohol addicts & gang members.

5) **Angel's Flight Youth Shelter** 357 S. Westlake Ave., Los Angeles, CA 90057. Angel's Flight Youth Shelter is a temporary shelter for homeless, runaway, and at risk youth ages 10-17. They provide a safe and healthy residence for the youth, with their primary goal being family reunification.

6) **Good Shepherd Center for Homeless Women**, 267 Belmont Ave, Los Angeles, CA 90059. Good Shepherd Center for Homeless Women is a transitional housing residence. They currently have openings and requirements are that residents must be employed a minimum of 20 hours a week.

7) **Jenesse Center**, 3761 Stocker St, Los Angeles, CA 90008. Jenesse's mission is to provide victims of domestic violence and their children with a comprehensive centralized base of support that is culturally responsive, and ensures their transition from immediate crisis to stability and self-sufficiency. Jenesse seeks to prevent and end the cycle of domestic violence through youth programming, education, public awareness and outreach initiatives, public policy and advocacy strategies and collaboration with key partners.

8) **Good Seed Shelter - Transition Age Youth**, 2814 W. Martin Luther King Blvd, Los Angeles, CA 90008. Good Seed Shelter provides temporary housing to Transition Age Youth (TAY) ages 18-25 years old who are also in need of mental health services. Their clients are challenged with chronic homelessness, mental health diagnoses and disabilities, as well as minor physical and learning disabilities.

9) **Zahn Memorial Center**, 832 W. James M. Wood Blvd, Los Angeles, CA 90015. The Salvation Army's Zahn Memorial Center is the only emergency shelter for families in downtown Los Angeles, and provides individuals in crisis with an immediate, safe place to stay and the resources to begin getting their lives back on track. The Zahn program provides 90 days of emergency housing to 18 chronically homeless families with special needs, and often works with families referred to The Salvation Army from the Department of Mental Health, the Los Angeles County Public Health Office of AIDS Programs and Policy, and the Los Angeles Homeless Services Authority Street Outreach Team.

10) **Friends Helping Friends LA Transitional Housing**, 3701 Cherrywood Ave, Los Angeles, CA 90018. The mission at Friends Helping Friends is to provide safe and comfortable housing to those who are homeless and those at risk of homelessness. They are dedicated to breaking the cycle of homelessness by providing the resources and support necessary to promote positive, healthy and independent

living. All of the homes are fully furnished with modern amenities including cable/satellite television, local telephone service and wireless internet. All the homes are conveniently located near Metro bus stops and/or MetroRail stations. The program currently has three homes located throughout the City of Los Angeles with a goal of opening a new home every three months. They offer on-site medical evaluations as well as linkages to other case management services including substance abuse, job skills/search, credit repair and food banks. Referrals for AA/NA meetings are available upon request.

The above services are local and provide similar services as those of the proposed project, such as educational and vocational support, training, job placement, hygiene, housing referrals, etc.

III. ENVIRONMENTAL REVIEW

Basis for Categorical Exemption

A project qualifies for a City of Los Angeles 2002 CEQA Guidelines (City Guidelines), Article III, Class 1, Existing Facilities, if it consists of a minor alteration of existing public facilities involving negligible or no expansion of use beyond what was previously existing. Class 1, Category 12 consists of outdoor lighting and fencing for security purposes. There is existing lighting and security fencing on-site that will be maintained with minor alterations as part of the project, therefore this exemption is being applied.

A project qualifies for a State Guidelines Section 15303 Class 3 and City Guidelines, Article III, Class 3, New Construction of Small Structures, which includes the construction of new, small facilities. State Guidelines Class 3(c) and City Guidelines Class 3(3) include new construction of a store, motel, restaurant, or similar structure that is less than 10,000 square feet of floor area, the surrounding area is not comprised of environmentally sensitive areas, it will not involve the use of significant amounts of hazardous substances, the site is zoned for the use, and where all public services and facilities are available.

This project is 2,880 square feet of floor area and is, therefore less than the 10,000 square-foot limit. It is within an existing urban commercial corridor and thus it is not adjacent to environmentally sensitive areas. It is comprised of a qualifying similar “motel” structure that provides shelter for homeless individuals. The project does not involve significant amounts of hazardous substances, since only normal household chemicals will be used in the operation of the office space. The site is zoned for commercial and parking that includes public facilities. The homeless shelter is a public facility that fits within the zone’s allowable uses, and since the site was previously developed, it readily has available public services and facilities. As such, this project is consistent with the application of this exemption.

A project qualifies for a State CEQA Guidelines (State Guidelines) Section 15304 Class 4 and City Guidelines Article III, Class 4, Minor Alterations to Land, which include minor public alterations to the condition of land which does not involve the removal of mature, scenic trees, except forestry and agricultural purposes. State Guidelines Class 4(a) and City Guidelines Class 4(1) include minor grading on land that occurs with a slope of less than 10%. Since only asphalt is being replaced, with utility trenches/footing at a depth of 4

feet below grade, and the slope of the land is and will be less than 10%, this exemption is being applied.

State Guidelines Class 4(b) and City Guidelines, Class 4(3) include minor alterations of new landscaping or tree planting. Since minor alterations of new landscaping are occurring, several new trees are being planted, this exemption is being applied.

State Guidelines Class 4(e) and City Guidelines Class 4(6) include a temporary use of land that has no permanent effect upon the environment. Since project will only be on the site for no more than three years and no significant adverse impacts have been identified, this exemption is being applied.

Consideration of Potential Exceptions to use of a Categorical Exemption

The State CEQA Guidelines (CCR Sec 15300.2) limit the use of categorical exemptions in the following circumstances:

1. Location. Exemption Classes 3, 4, 5, 6, and 11 are qualified by consideration of where the project is to be located – a project that is ordinarily insignificant in its impact on the environment may be significant in a particularly sensitive environment. Therefore, these classes are considered to apply in all instances, except where the project may impact on an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies.

No such area is mapped, designated, or adopted on or adjacent to the project site, as such, this circumstance does not apply to the use of the Class 3 and 4 exemptions for this project.

2. Cumulative Impact. This exception applies when, although a particular project may not have a significant impact, the cumulative impact of successive projects of the same type in the same place, over time is significant.

No successive projects of the same type in the same place could be identified by reviewing online resources. (Ref. 8). Other local homeless support and shelter projects are planned for the greater Los Angeles area; however, project details for most are too speculative at present for CEQA analysis and feasibility studies are still underway. It is anticipated that the cumulative impact of these types of projects will not be significant, as homelessness is experienced across the Greater Los Angeles area, within every Council District and feasibility studies are being performed in every District.

In addition, a cumulative impact can occur if existing non-significant impacts become significant if combined with those of ongoing projects in the area. Due to the size and type of project, the degree below local and regional thresholds for various resource areas, the small amount of traffic generated, low amount of pollutant emissions and controlled noise levels as part of the project design, it is anticipated that significant cumulative impacts would not occur. For example, the traffic evaluation performed by the LADOT, in *Attachment G – Traffic Information* indicates that a list of related projects is not needed for further review in that negligible impacts are created by the project. To better inform the project description active permits were researched at the City of Los Angeles Department

of Building and Safety within a similar radius (1,000 feet). (Ref. 8) The active projects identified within 1,000 feet of the project site are listed in Table 2. Related Projects.

Table 2. Related Projects

Project Name	Location	Project Description
New Building	1848 S. Gramercy Place Los Angeles, CA 90019	Proposed (20-Unit) Apartments w/ parking
New Building	1917 S. Western Ave., Los Angeles, CA 90018	Proposed 6-Story (22-Unit) residential, commercial, w/ subterranean parking

Although, related projects exist within the vicinity of the project, due to the small contribution of the proposed project in relation to related projects in regard to air quality, noise, and traffic, and as further described in Section II.B for each resource area, no cumulative impacts are anticipated. Furthermore, the project would have no know impacts that are individually limited but cumulatively considerable and no successive projects of the same type in the same place. Therefore, this exception has no application here.

3. Significant Effect

This exception applies when, although the project may otherwise be exempt, there is a reasonable possibility that the project will have a significant effect due to unusual circumstances. As described in Section II.B, there are at least 10 similar homeless services projects in the general area. This project is consistent with those facilities, and it is consistent with the types of projects that involve the construction of commercial structures up to 10,000 square feet of floor space, in an urbanized environment under the small structures exemption. This project's scale is both small and limited in its three-year duration as a temporary project, which further supports its consistency with the above-noted similar uses and the absence of significant effects resulting from the project. Therefore, the circumstances of the project are not unusual, and as discussed in this section and throughout this document, significant effects would not result from the project. Each resource area is further discussed below in regard to impacts and unusual circumstances. The City of Los Angeles CEQA Thresholds Guide is used to help screen out significant effects. (Ref. 7)

Air Quality

The project site is located within the South Coast Air Basin (SCAB) under the jurisdiction of the SCAQMD. The SCAQMD monitors air quality within the SCAB, which includes Orange County and portions of Los Angeles, Riverside, and San Bernardino counties. The SCAB is bounded by the Pacific Ocean to the west; the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east; and the San Diego County line to the south. The SCAB is subject to some of the worst air pollution in the nation due to the immense magnitude of emissions sources and the combination of topography, low mean atmospheric mixing height, and abundant sunshine. Although the SCAB has a semiarid climate, air near the surface is generally moist because of the presence of a shallow marine layer. With very low average wind speeds, there is a limited capacity to disperse air

contaminants horizontally. The mountains and hills surrounding the SCAB contribute to the variation of rainfall, temperature, and winds throughout the region.

The SCAQMD is tasked with preparing regional programs and policies designed to improve air quality within the SCAB, which are assessed and published in the form of the Air Quality Management Plan (AQMP). The AQMP is updated every four years to evaluate the effectiveness of the adopted programs and policies and to forecast attainment dates for nonattainment pollutants. The most recent publication is the 2016 AQMP, which is intended to serve as a regional blueprint for achieving the federal air quality standards and healthful air. The 2016 AQMP represents a thorough analysis of existing and potential regulatory control options, and includes available, proven, and cost-effective strategies to pursue multiple goals in promoting reductions in GHG emissions and toxic risk, as well as efficiencies in energy use, transportation, and goods movement. The 2016 AQMP focuses on demonstrating NAAQS attainment dates for the 2008 8-hour ozone (O_3) standard, the 2012 annual fine particulate matter of less than 2.5 microns in diameter ($PM_{2.5}$) standard, and the 2006 24-hour $PM_{2.5}$ standard.

The primary purpose of an air quality plan is to bring an area that does not attain National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS) into compliance with those standards pursuant to the requirements of the Clean Air Act and California Clean Air Act. NAAQS and CAAQS have been established for the following criteria pollutants: O_3, carbon monoxide (CO), sulfur dioxide (SO_2), nitrogen dioxide (NO_2), respirable particulate matter less than 10 microns in diameter (PM_{10}), $PM_{2.5}$, and lead (Pb). Because O_3 is not directly emitted in the air—rather it is formed by chemical reactions between nitrogen oxides (NOx) and volatile organic compounds (VOC) in the presence of sunlight—air quality regulations focus on ozone's precursors. These pollutants are common byproducts of human activities and have been documented through scientific research to cause adverse health effects.

The project is not anticipated to result in any exceedances of the applicable air quality significance criteria during the construction or operational phase and is therefore consistent with the afore-mentioned plans. Please refer to the screening analysis in *Attachment A – Air Quality Information* for details of the analysis, including references. Results are summarized below:

Construction

Construction of the proposed project would result in the generation of criteria pollutant emissions. Criteria air pollutant emissions associated with typical construction activities were modeled using the California Emissions Estimator Model (CalEEMod), Version 2016.3.2. This model allows the user to enter project-specific construction information, such as the types, number and horsepower of construction equipment, and the number and length of off-site motor vehicle trips. Construction emissions were estimated for the use of off-road equipment, heavy-duty trucks (i.e., demolition, haul, and materials delivery), and worker commutes.

The Bureau of Engineering (BOE) provided assumptions for the emissions analysis, which are provided *in Attachment A – Air Quality Information*. In summary, construction of the proposed project is expected to begin in November 2018 and would last approximately five

months. The estimated construction workforce is a maximum of ten workers per day. The analysis assumed a maximum of 22 truck trips per day and grading activity would be minimal as the project site has previously been developed and is flat. The estimate of fugitive dust emissions account for SCAQMD Rule 403 compliance. Examples of Rule 403 compliance include: a) All exposed areas will be frequently watered to reduce the generation of dust, and b) Vehicle speed of construction vehicles/equipment in exposed areas (i.e., unpaved access) shall be reduced to reduce the generation of dust.

The SCAQMD significance thresholds were used to assess regional and localized emissions during construction and operation of the proposed project. Localized emissions of criteria air pollutants and precursors were assessed in accordance with SCAQMD's localized significance thresholds (LST) guidance. For projects less than five acres in area, the SCAQMD has developed look-up reference tables providing the maximum daily emissions that would not have the potential to cause an exceedance of any air quality standard based on existing ambient air quality. The nearest sensitive receptors to the project site are single-family homes adjacent to the southwestern boundary of the proposed project. Therefore, the analysis conservatively assumes a project site of one acre and a receptor distance of 25 meters for the LST values.

As shown in Table 3A. Maximum Daily Construction-Related Emissions Summary, the peak daily construction emissions would not exceed any of the SCAQMD daily regional or local (LST) thresholds. Therefore, construction of the proposed project would not violate an ambient air quality standard or contribute substantially to an existing violation. Additional modeling assumptions and details are provided in *Attachment B - Air Quality Information*.

Table 3A. Maximum Daily Construction-Related Emissions Summary

Emissions and Thresholds	**Daily Emissions (Pounds Per Day)**					
	VOC	**NO_X**	**CO**	**SO_X**	**PM_{10}**	**$PM_{2.5}$**
Maximum Regional Daily Emissions	***0.9***	***12.0***	***7.8***	***<0.1***	***2.7***	***0.8***
SCAQMD Regional Daily Significance Threshold	75	100	550	150	150	55
Exceed SCAQMD Regional Threshold?	**No**	**No**	**No**	**No**	**No**	**No**
Maximum Localized Daily Emissions	**--**	***7.4***	***6.7***	**--**	***2.1***	***0.6***
SCAQMD Daily Localized Significance Threshold (LST)[1]	--[2]	74	680	--	5	3
Exceed SCAQMD Localized Threshold?	**--**	**No**	**No**	**--**	**No**	**No**

Source: TAHA, 2018.

Notes:[1]Assumes a 1-acre project site and a 25-meter receptor distance for Source Receptor Area (SRA) 1. The nearest sensitive receptors are residences adjacent to the south, north, northwest and southwest boundary of the project site. This emission total is the max. daily onsite emission during construction (whereas the regional threshold is the max daily total of onsite and offsite emissions during construction).

[2]The SCAQMD has not developed an LST for VOC emissions.

Asbestos - Naturally Occurring Asbestos Chrysotile and amphibole asbestos (e.g., tremolite) occurs naturally in certain geologic settings in California, most commonly in association with ultramafic rocks and along associated faults. Asbestos is a known carcinogen, and inhalation of asbestos may result in the development of lung cancer or mesothelioma. The asbestos contents of many manufactured products have been regulated in the United States for several years. For example, the ARB has regulated the amount of asbestos in crushed serpentinite used in surfacing applications, such as for gravel on unpaved roads, since 1990. In 1998, new concerns were raised about possible health hazards from activities that disturb rocks and soil containing asbestos and may result in the generation of asbestos-laden dust. These concerns recently led to ARB revising its asbestos limit for crushed serpentinite and ultramafic rock in surfacing applications from 5 percent to less than 0.25 percent and adopting a new rule requiring best management practices such as dust control measures for activities that disturb rock and soil containing naturally occurring asbestos (NOA).

Los Angeles County is listed as one of 42 among California's 58 counties in which NOA is located. A review of available information indicates, however, that no known sources of NOA are located near the project site. Based on that information and the limited depth of excavation required for the project, the potential for encountering NOA is considered to be negligible. No structures would be demolished or refurbished for construction of the project. Thus, structural asbestos would not be encountered. The same is true for lead based paint.

Operation

After construction, day-to-day activities associated with the operation of the proposed project would generate emissions from a variety of sources. Operational emissions may be both direct and indirect emissions, and would be generated by area, mobile, and energy sources. Area sources include sources such as the use of consumer products (e.g., cleaning products, aerosols), landscape maintenance equipment, and periodic architectural coatings. The proposed project would be used as a facility serving homeless families and individuals. Mobile-source emissions would primarily include vehicle trips by employees to the facility. It is anticipated the facility would result in 20 trips per day. Operational emissions associated with the day-to-day activities of the proposed project were quantified using CalEEMod. As shown in Table 3B. Maximum Daily Operational Emissions, the peak daily operational emissions would not exceed any of the SCAQMD daily thresholds. Therefore, operation of the proposed project would not violate an ambient air quality standard or contribute substantially to an existing violation. Additional modelling assumptions are provided in *Attachment B - Air Quality Information*.

Table 3B. Maximum Daily Operational Emissions

Source/Description	Daily Emissions (Pounds Per Day)					
	VOC	**NO_X**	**CO**	**SO_X**	**PM_{10}**	**$PM_{2.5}$**
Area	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Energy	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mobile	<0.1	0.2	0.5	<0.1	0.1	<0.1
Total	***0.1***	***0.2***	***0.5***	***<0.1***	***0.1***	***<0.1***
SCAQMD Daily Thresholds	55	55	550	150	150	55
Exceed Threshold?	**No**	**No**	**No**	**No**	**No**	**No**

Source: TAHA, 2018.

Regarding exposure of on-site residents and workers to permanent sources of toxic air contaminants, SCAQMD and the Office of Environmental Health Hazard Assessment (OEHHA) recommends detailed health risk assessment for projects located within 0.25 miles of high-volume roadways (i.e., freeways), trucking facilities, and other substantial sources of emissions (e.g., rail yards, ports, etc.). The project site is not located near a significant or uncommon source of toxic air contaminant emissions. Furthermore, OEHHA and SCAQMD guidance assesses long-term exposure over a 70-year lifetime. The temporary shelter is planned for a three-year period. There is no potential for people located on the project site to be exposed to significant health risk from air pollution. Health risks are further discussed later in this section.

Regarding off-site exposure from operational activities occurring on the project site, the proposed project does not include an industrial component that would constitute a new substantial stationary source of operational air pollutant emissions, nor does it include a land use that would generate a substantial number of heavy-duty truck trips. There would be no substantial source of air toxic emissions. Additionally, as shown in Table 3B, daily operational emissions of criteria pollutants would not exceed SCAQMD thresholds.

As indicated in the referenced Tables 3A and 3B, the project would result in construction and operational emissions that will not exceed the SCAQMD thresholds. Therefore, the project will not result in a significant effect related to air quality and will not violate an ambient air quality standard or contribute substantially to an existing violation.

Greenhouse Gas Emissions

GHG emissions refer to a class of emissions that are generally believed to affect global climate conditions. The greenhouse effect compares the Earth and the atmosphere surrounding it to a greenhouse with glass panes. The glass panes in a greenhouse let heat

from sunlight in and reduce the amount of heat that escapes. GHGs, such as carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O), keep the average surface temperature of the Earth close to 60°F. CO_2 is the most abundant pollutant that contributes to climate change through fossil fuel combustion. The other GHGs are less abundant but have higher global warming potency than CO_2. To account for this higher potential, emissions of other GHGs are frequently expressed in the equivalent of CO_2, denoted as CO_2e. CO_2e is a measurement used to account for the fact that different GHGs have different potential to retain infrared radiation in the atmosphere and contribute to the greenhouse effect.

The State of California and SCAQMD have adopted plans or policies to reduce GHG emissions. In September 2006, California passed the California Global Warming Solutions Act of 2006 (Assembly Bill [AB] 32; California Health and Safety Code Division 25.5, Sections 38500, et seq.). AB 32 establishes regulatory, reporting, and market mechanisms to achieve quantifiable reductions in GHG emissions and establishes a cap on statewide GHG emissions. It requires that statewide GHG emissions be reduced to 1990 levels by 2020. In 2008 and 2014, the California Air Resources Board (CARB) approved the Scoping Plan and the first update to the Scoping Plan, respectively (ARB, 2008; 2014). In 2016, the state legislature passed Senate Bill (SB) 32, which established a 2030 GHG emissions reduction target of 40 percent below 1990 levels. In response to SB 32 and the companion legislation of AB 197, ARB approved the Final Proposed 2017 Scoping Plan Update: The Strategy for Achieving California's 2030 GHG Target in November 2017 (ARB, 2017). The 2017 Scoping Plan draws from the previous plans to present strategies to reaching California's 2030 GHG reduction target. None of these statewide plans or policies constitutes a regulation to adopt or implement a regional or local plan for reduction or mitigation of GHG emissions. In addition, it is assumed that any requirements formulated under the mandate of AB 32 and SB 32 would be implemented consistent with statewide policies and laws. Executive Order (E.O.) B-30-15 established an interim GHG reduction target of 40 percent below 1990 levels by 2030, and E.O. S-3-05 established a long-term goal of reducing statewide GHG emissions to 80 percent below 1990 levels by 2050.

In May 2007, Los Angeles released "Green LA: An Action Plan to Lead the Nation in Fighting Global Warming" (Climate Action Plan) with a goal to reduce the City's GHG emissions to 35 percent below 1990 levels by the year 2030. The Climate Action Plan focuses on reducing GHG emissions by increasing the use of renewable energy sources, implementing green building policies, diverting waste from landfills, greening the Port of Los Angeles, and changing land use and transportation patterns to reduce dependence on automobiles. In April 2015, the City of Los Angeles released the City's Sustainable City pLAn, which lays out strategies and priority initiatives to reduce Los Angeles's GHG emissions by 45 percent by 2025, 60 percent by 2035, and 80 percent by 2050, all against a 1990 baseline (City of Los Angeles, 2015).

As the City of Los Angeles has not established screening thresholds for GHG emissions, this analysis uses the applicable significance thresholds developed by the SCAQMD. The GHG CEQA Significance Threshold Stakeholder Working Group recommended options for evaluating non-industrial projects, including thresholds for residential, commercial, and mixed-use projects. These draft thresholds include a threshold of 3,000 metric tons CO_2e

($MTCO_2e$) per year for non-industrial projects. This analysis compares the amortized construction and operational emissions to the SCAQMD draft threshold of 3,000 MT CO_2e per year. The SCAQMD recommends that construction emissions associated with a project be amortized over the life of the project and added to the operational emissions, and then be compared with this overall threshold. The proposed project comprises a temporary housing facility with an operational lifetime of three years. Therefore, this analysis includes a quantification of the total modeled construction-related GHG emissions, which are then amortized and evaluated over the three-year life of the project.

Heavy-duty off-road equipment, materials transport, and worker commutes during construction of the proposed project would result in exhaust-related GHG emissions. GHG emissions generated during the operational phase of the proposed project would include emissions from mobile sources, energy consumption, water consumption, waste disposal, and area sources. As shown in Table 4, the total construction-related and operational CO_2e of 20.5 MT CO_2e associated with the proposed project would be less than the 3,000 MT CO_2e threshold. Total construction-related GHG emissions would be approximately 27.9 MT CO_2e.

Table 4. Maximum Annual Greenhouse Emissions

Emissions Category	CO_2e (Metric Tons per Year)
Construction Emissions Amortized (Direct)[1]	9.3
Area Source Emissions (Direct)	<0.1
Mobile Source Emissions (Direct)	11.2
Energy – Natural Gas Emissions (Direct)	<0.1
Waste Disposal Emissions (Indirect)	<0.1
Water Distribution Emissions (Indirect)	<0.1
Total Emissions	**20.5**
SCAQMD Proposed Threshold [2]	3,000
Exceed Threshold?	**No**

Source: TAHA, 2018

[1]Amortized construction emissions obtained by dividing total construction emissions 27.9 MT by 3 years = 9.3 MT.

State and regional agencies along with the City have adopted programs and policies to control and reduce GHG emissions. The following discussion addresses relevant programs and policies. Importantly, the proposed project would be a temporary three-year

use that would not contribute to the permanent GHG emissions inventory. The 20.5 MT CO2e emissions identified above represents less than one percent of the significance threshold. In addition, negligible emissions would be related to the region's primary source of GHG emissions, which is on-road vehicles. The relatively small magnitude and temporary nature of GHG emissions associated with the proposed project render any efforts to further reduce emissions to less than 20.5 MT CO2e emissions to be essentially unnecessary. Therefore, the project is in conformance with applicable Greenhouse Gas Reduction Plans listed below, which are described in detail in *Attachment B – Air Quality Information:*

- *Assembly Bill 32*
- *Executive Orders (E.O.) S-3-05*
- *Senate Bill (SB) 32*
- *Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS)*
- *Air Quality Management Plan*
- *City of Los Angeles Sustainability Plan*
- *Zero Emissions 2028 Roadmap*

Health Risk

The SCAQMD devised its LST values to prevent the occurrence of localized hot spots of criteria pollutant concentrations at sensitive receptor locations surrounding the project site. The LST values were determined using emissions modeling based on ambient air quality measured throughout the SCAB. If maximum daily emissions remain below the LST values during construction activities, it is highly unlikely that air pollutant concentrations in ambient air would reach substantial levels sufficient to create public health concerns for sensitive receptors. As shown in Table 3A, Maximum Daily Construction Emissions, maximum daily emissions from sources located on the project site would not exceed any applicable LST values. Therefore, construction of the project would not result in exposure of sensitive receptors to substantial concentrations of criteria pollutants.

Furthermore, according to SCAQMD methodology, health risks from carcinogenic air toxics are usually described in terms of individual cancer risk. "Individual Cancer Risk" is the likelihood that a person exposed to concentrations of TACs over a 30-year lifetime will contract cancer based on the use of standard risk-assessment methodology. The entire duration of construction activities associated with implementation of the project is anticipated to be approximately five months, and the magnitude of daily diesel PM emissions will vary over this time. No residual emissions and corresponding individual cancer risk are anticipated after construction. Therefore, due to the short-term exposure period, construction TAC emissions would result in no impact related to health risks during construction.

The California Office of Environmental Health Hazard Assessment (OEHHA) has also published guidance for estimating health risks. The guidance includes a recommendation for assessing construction-related risks for short-term activities. The project involves five

months of construction activities. Over the course of construction activities, diesel PM emissions from onsite construction equipment would be approximately 0.20 pounds per day. Comprehensive experience implementing the OEHHA guidance for development projects has shown that this level of emission over this relatively short time period has no potential to result in a significant health risk. Therefore, there is no anticipated health risk due to the short project construction duration of approximately five months and temporary operation for at least 3 years. Please see additional information, including a health risk assessment screening memo for all potential sensitive receptors showing no significant effects, in *Attachment B – Air Quality Information.*

Biological Resources

The project site is entirely paved with ornamental trees and shrubs at the entrance/exit to the parking lot along South Manhattan Place. No rooted trees or shrubs occur in the parking lot. A few potted plants in large planters are located adjacent to the Council District office. The project site is surrounded by a commercial building and residential building to the north, South Manhattan Place to the west, a commercial and residential building to the south, and South Western Avenue to the east.

A biological resources screening investigation was conducted by AECOM to identify any potential biological resources on the project site. Refer to *Attachment C – Biological Information.* This investigation included a search of relevant databases for regional special-status biological resources in the vicinity of the project site. The project site occurs in the south-central portion of the U.S. Geological Survey's Hollywood, California, quadrangle. A search of this quadrangle was made of the California Department of Fish and Wildlife's (CDFW) California Natural Diversity Database (CNDDB) and of the California Native Plant Society's (CNPS) on-line Inventory of Rare and Endangered Plants of California. Additionally, the U.S. Fish and Wildlife Service's (USFWS) online Information for Planning and Consultation (IPaC) database was reviewed for special-status species, sensitive natural communities, and protected areas known from the project vicinity.

On September 14, 2018, a field assessment of the project site was conducted by AECOM biologist Art Popp to document existing biological resources that occur or have the potential to occur on-site. Observations of conditions on adjacent properties were also made. The survey was intended as an evaluation of on-site vegetation and an assessment of the potential for occurrence of special-status plant and wildlife species. Based on the database searches and the site assessment no suitable habitat for special status plants species occurs within the project site and vicinity and no special status wildlife species were observed or have been recorded within the project area. According to these findings, it is apparent that special-status plant and wildlife species are not expected on-site. Refer to *Attachment C – Biological Information* for additional details.

Implementation of the project will not result in the removal of trees and shrubs and no unusual circumstances were identified during the database search or field assessment.

Due to the aforementioned, there is no reasonable possibility that the project will have a significant effect on biological resources. Additionally, the project is a minor improvement to

an existing facility and no unusual circumstances related to biological resources were identified.

Cultural Resources

A cultural resources screening investigation, including historic research and field survey, was conducted by AECOM, to identify any potential cultural resources on the project site. Based on the results of the investigation, the property located at 1819 S. Western Avenue is not eligible for listing in the National Register of Historic Places (NRHP) or the California Register of Historical Resources (CRHR). The following is a brief summary of the most relevant finding. Refer to *Attachment D – Cultural Resources Information* for further details.

The building, a Modern-style commercial structure, located at 1819 S. Western Avenue was constructed in 1961 for the Security First National Bank branch. It has undergone numerous changes in ownership and remodels, including an extensive renovation project in the 2000s, when the building's interior plan was converted from use as a bank to offices. Overall, the building exterior retains many of its original materials. Modern piping, electrical conduits, signage, security cameras, and outdoor lighting have been attached to the exterior walls.

The survey found there is low potential that archaeological resources will be encountered during ground-disturbing activities for the proposed project. Ground disturbance required for the proposed project is not anticipated to exceed 4 feet in depth. Building permits indicate that all four parcels within the project area were graded after 1961. Soils at the relatively shallow depths required for project excavations can reasonably be assumed to have been disturbed in the recent past by grading, utilities excavations, and the construction and demolition of the existing building. If archaeological resources are encountered during ground-disturbing activities, work will be temporarily halted in the vicinity of the find and BOE will contact a qualified archaeologist to evaluate and determine appropriate treatment for the resource in accordance with Public Resources Code (PRC) Section 21083.2(i) and the applicable version of the *Standard Specifications for Public Works Construction, The "Green Book".*

The sensitivity of the project area for tribal cultural resources appears low. The Native American Heritage Commission (NAHC) conducted an Sacred Lands File search, which was negative. No potential tribal cultural resources were identified during the archival research or the field survey. However, if any Native American cultural material is encountered within the project site, interested Native American parties established in the contact program or through consultation with the lead agency will be notified. The BOE should determine during consultation if the resources constitute tribal cultural resources and solicit any comments the Native American parties may have regarding appropriate treatment and disposition of the resources.

If human remains are discovered, work in the immediate vicinity of the discovery will be suspended and the Los Angeles County Coroner contacted. If the remains are deemed Native American in origin, the Coroner will contact the NAHC and identify a Most Likely Descendant pursuant to PRC Section 5097.98 and California Code of Regulations Section 15064.5. Work may be resumed at the landowner's discretion but will only commence after

consultation and treatment have been concluded. Work may continue on other parts of the project site while consultation and treatment are conducted.

The sensitivity of the proposed project to encounter significant fossil remains appears low. Geologic maps indicate that the project area lies within an area mapped as having surficial deposits of Quaternary alluvium. Older Quaternary alluvial deposits in the City of Los Angeles have yielded significant fossils. However, the shallow excavations associated with the proposed project, which are not anticipated to exceed 4 feet in depth, are unlikely to yield intact fossils. Building permits indicate that all four parcels within the project area were graded after 1961. Soils at the relatively shallow depths required for project excavations can reasonably be assumed to have been disturbed in the recent past by grading, utilities excavations, and the construction and demolition of the existing building, as well as by natural weathering. If potential fossil remains are encountered by the proposed project, work will be temporarily halted in the vicinity of the find and the BOE will contact a qualified paleontologist to evaluate and determine appropriate treatment for the resource.

If paleontological resources are encountered during ground-disturbing activities, work will be temporarily halted in the vicinity of the find, and the BOE will contact a qualified archaeologist to evaluate and determine appropriate treatment for the resource in accordance with the applicable version of the *Standard Specifications for Public Works Construction, The "Green Book".*

The project is not anticipated to impact significant cultural resources and regulatory requirements and standard specifications will be followed in the event that unanticipated resources are encountered for their management and treatment to avoid any potentially significant adverse impacts. As such, there is no reasonable possibility that the project will have a significant effect on cultural resources. Additionally, the project is a minor improvement to an existing facility and no unusual circumstances related to cultural resources were identified.

Hazardous Materials

A screening analysis was conducted by AECOM to identify potential recognized environmental conditions in connection with the project site. Results of this screening analysis identified no such concerns. The project site was identified in the HAZNET (Facility and Manifest Data) database as a site that generated state-regulated wastes in 2014, including 0.15 tons of "other inorganic solid waste" which was manifested offsite disposal via transfer station. This database listing is compliance-related and not indicative of a release on the project site. This database is not considered to represent an environmental concern to the project site. No other listings were identified associated with the project site. The City of Los Angeles Methane and Methane Buffer Zones were established to protect new construction from potential methane hazards due to proximity within or adjacent to a known methane gas source (i.e., landfill, oil well, oil field, or underground gas storage facility). The subject property is located in a Methane Buffer Zone due its proximity to the Las Cienegas Oil Field. As such, the subject property may be subject to ordinance conditions for any new construction onsite. Upon compliance with regulatory control measures, no significant effect is anticipated.

Noise

Ordinances and Policies

City of Los Angeles Municipal Code Noise Ordinance: The City of Los Angeles Municipal Code (LAMC), Chapter IV, Article 1, Section 41.40; and Chapter XI, Article 2, Section 112.03 (that references Section 41.40) addresses noise generated at construction sites, including permissible hours of construction. Construction of the proposed project would take place within daytime hours (7:00 a.m. to 4:00 p.m.) and thus be within the permissible time period per LAMC 41.40. Additionally, per LAMC 112.05, no single piece of powered equipment can produce noise greater than 75 dBA at a distance of 50 feet when such work occurs between the hours of 7:00 a.m. to 10:00 p.m., or on any residential zone or within 500 feet of such a zone. Residential zones are adjacent to the project site, so this requirement applies to the project. With respect to operating stationary sound sources like the onsite odor scrubber and HVAC systems, LAMC Section 112.02 requires that any equipment not cause an increase in ambient noise levels on any other occupied property to exceed the ambient noise level by more than 5 dBA.

City of Los Angeles General Plan Noise Element: The Noise Element of the City's General Plan (GP) includes policy P13, which states: "Continue to plan, design and construct or oversee construction of public projects, and projects on City owned properties, so as to minimize potential noise impacts on noise sensitive uses and to maintain or reduce existing ambient noise levels." In addition, the general framework EIR for the GP indicates that projects should limit project-attributed construction and operations noise so as not to create a public nuisance. The GP Noise Element also includes *Exhibit I: Guidelines for Noise Compatible Land Use*, which describes ranges of average exterior sound levels (CNEL) that fall into "acceptable", "conditionally acceptable", "normally unacceptable", and "clearly unacceptable" classifications for a variety of land use categories. For instance, a "residential" land use that includes single and multi-family dwellings would be considered "conditionally acceptable" with a surrounding outdoor environment of up to 70 dBA CNEL, and "normally unacceptable" when the existing outdoor environment ranges from 70 to 75 dBA CNEL.

In regard to vibration, there are no adopted City standards for groundborne vibration. In the absence of such local regulations, the Federal Transit Administration (FTA) provides guidance on appropriate vibration limits with respect to sensitive receptors. According to the FTA, vibration impacts associated with human annoyance would be significant if vibration caused by construction activity assessed at a receptor exceeded 85 VdB, a vibration velocity (L_v) level that is considered acceptable only for an infrequent number of events per day.

CEQA Thresholds

Noise from both stationary and mobile sources is evaluated for significant effect using the *City of Los Angeles CEQA Thresholds Guide*. A project would normally be considered to have a significant construction noise effect on the surrounding community if any one of the following were satisfied:

- construction activities lasting more than one day would cause existing ambient exterior noise levels to increase by 10 dBA or more; or,

- construction activities lasting more than 10 days in a three-month period would cause existing ambient exterior noise levels to increase by 5 dBA or more at a noise-sensitive land use; or,
- any construction activity that would exceed existing ambient exterior noise levels by 5 dBA or more at a noise-sensitive use between the hours of 9:00 p.m. and 7:00 a.m. Monday through Friday, before 8:00 a.m. or after 6:00 p.m. on Saturday, or at any time on Sunday.

Construction of the project would take place within daytime hours (7:00 a.m. to 4:00 p.m.) and would not coincide with the first or third above bulleted condition for significant effect per the City's CEQA Thresholds guidance. Because the aggregate of sequential construction activities for the proposed project is expected to last more than 10 days in a three-month, the second of the bulleted conditions above would apply to the project; hence, a significant effect would occur if project construction noise levels exceed existing ambient exterior noise levels by 5 dBA or more at the nearest existing noise-sensitive community receptors (i.e., nearest noise sensitive land use or NSLU).

For operational noise, the City's CEQA Thresholds guidance requires compliance with the local noise ordinance, which is LAMC 112.02. As previously described, this section does not allow an increase in outdoor ambient levels of 5 dBA at any other occupied property. Other CEQA thresholds call for no substantial increase in noise levels due to operational noise, and consideration of airport noise within two miles. There are no airports within two miles. CEQA thresholds further indicate that surrounding land uses (residential for single and multi-family use) are typically acceptable at respective maximums of 60 to 65 CNEL, respectively, for outside ambient operational noise during the daytime.

Per CEQA Thresholds guidance for construction noise, NSLUs were studied within 500 feet of the project site. The location of the nearest NSLUs identified within this radius are shown in Figure 2. Nearest Noise Sensitive Land Uses. In addition to residences, uses such as libraries, schools, and churches would be considered NSLU during daytime hours.

Construction

A noise impacts screening analysis was conducted by AECOM. As shown in Table 5A - Estimated Construction Noise Levels at NSLUs, and as further explained in *Attachment F - Noise Information*, construction noise levels will be below CEQA threshold of less than a 5 dBA increase at the nearest NSLUs. Standard conditions are being applied per Specification 01562, Part 1.1.C that require installation of a noise sound barrier during construction to ensure the health and safety of the surrounding community. Eight and sixteen-foot tall temporary noise barriers will be installed along southern and northern project boundaries as described in Table 5A. Estimated Construction Noise Levels at Noise-Sensitive Land Uses.

Operation

As shown in Table 5B – Estimated Operation Noise Levels at Nearest Occupied Property, project stationary noise sources are not expected to produce noise levels that would cause significant increases to the outdoor ambient sound environment at the nearest occupied properties, which also happen to be NSLUs. Thus, no specific noise reduction measures are needed.

Figure 2. Nearest Noise Sensitive Land Uses (NSLUs)

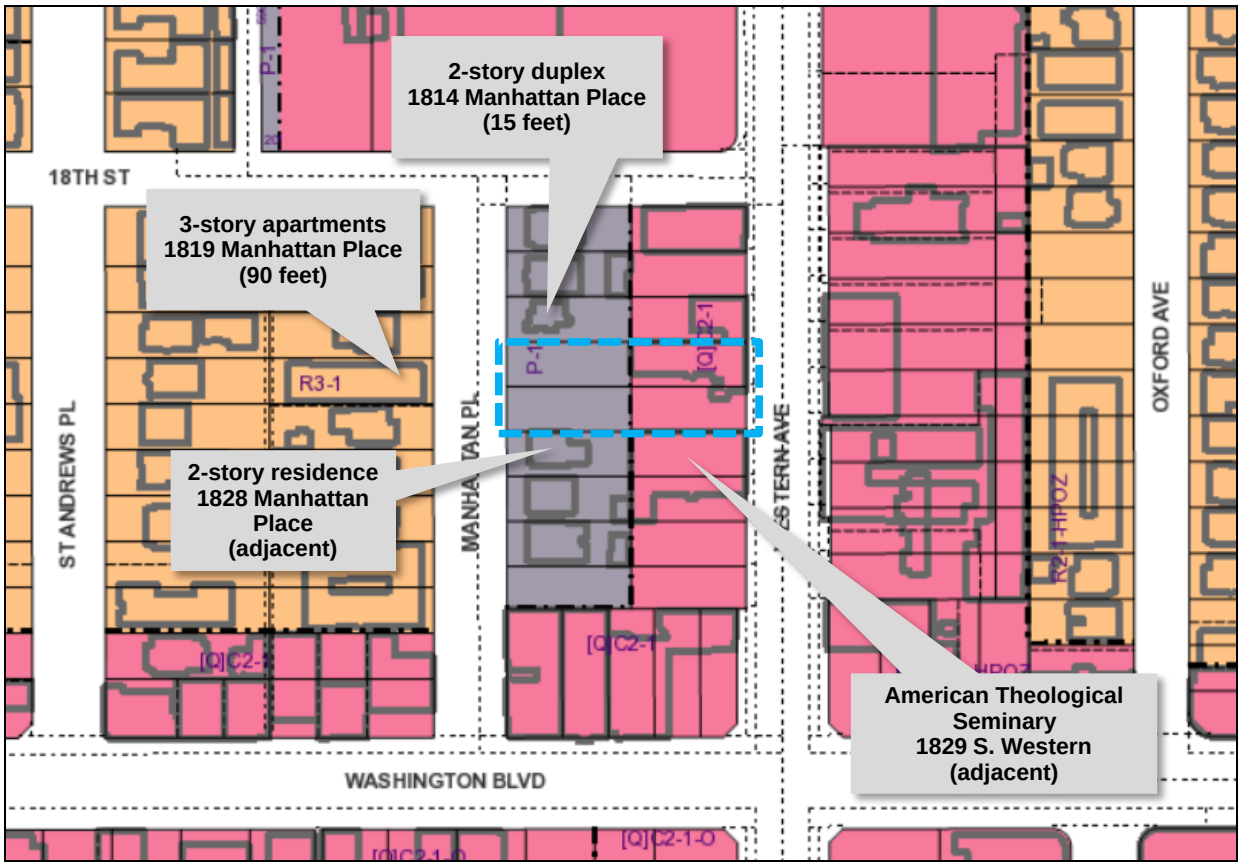


Table 5A. Estimated Construction Noise Levels at Noise-Sensitive Land Uses

Noise-Sensitive Land Use	Baseline Daytime Outdoor Ambient (L_{eq}, dBA)	Estimated 9-hour Workshift L_{eq} (dBA) per Construction Phase					
		Demolition (2 days)	Grading (10 days)	Trenching (7 days)	Building Erection (4 months)	Finishes (TBD)	Re-paving (13 days)
1819 Manhattan Place (first floor)	58	60.5	60.8	60.5	58.3	56.5	58.6
1819 Manhattan Place (second floor)	58	60.4	60.7	60.4	58.2	56.4	58.5
1819 Manhattan Place (third floor)	58	60.3	60.5	60.3	58.0	56.3	58.3
1814 Manhattan Place (first floor) [A]	60	54.9	55.2	54.9	52.7	50.9	53.0
1814 Manhattan Place	60	62.2	62.5	62.2	60.0	58.2	60.3

Table 5A. Estimated Construction Noise Levels at Noise-Sensitive Land Uses

Noise-Sensitive Land Use	Baseline Daytime Outdoor Ambient (L_{eq}, dBA)	Estimated 9-hour Workshift L_{eq} (dBA) per Construction Phase					
		Demolition (2 days)	Grading (10 days)	Trenching (7 days)	Building Erection (4 months)	Finishes (TBD)	Re-paving (13 days)
(second floor) [A]							
1828 Manhattan Place (first floor) [B]	60	53.2	53.4	53.2	50.9	49.2	51.2
1828 Manhattan Place (second floor) [B]	60	62.9	63.1	62.9	60.7	58.9	61.0
1829 S. Western Avenue (first floor) [C]	70	62.8	63.1	62.8	60.6	58.8	60.9

Notes: dBA = A-weighted decibel; TBD = to be determined.

[A] includes anticipated effect of 16-foot tall noise barrier installed along northern project boundary for all six identified construction phases.

[B] includes anticipated effect of 16-foot tall noise barrier installed along southern project boundary (in proximity of the receptor façade) for all six identified construction phases.

[C] includes anticipated effect of 8-foot tall noise barrier installed along southern project boundary (in proximity of the receptor façade) for all six identified construction phases.

Table 5B. Estimated Operation Noise Levels at Noise-sensitive Land Uses

Noise-Sensitive Land Use	**Baseline Nighttime Outdoor Ambient (L_{eq}, dBA)[1]**	**Distance to HVAC Equipment (feet)**	**Estimated HVAC Noise Level at NSLU**	**Compliant with LAMC 112.02 (increase in outdoor ambient < 5 dBA)?**
1819 Manhattan Place	40	90	36	yes
1814 Manhattan Place	40	35	43	yes
1828 Manhattan Place	40	50	41	yes
1829 S. Western Avenue	40	80	37	yes

Notes:
Leq = energy-equivalent sound level; dBA = A-weighted decibel; LAMC = Los Angeles Municipal Code
1 based on the lowest of the monitored values from field survey locations LT-1 and LT-2 as appearing in Table 1 of Attachment F – Noise Information.

Other operation noise controls shall include, if necessary:

1. Relocate equipment for heating and cooling interior spaces;

2. Locating mechanical equipment inside the building or shielding it with screens, walls (including parapet walls for rooftop equipment), acoustical louvers, or other noise control devices.

3. Design methods that can be considered to further lower operations noise levels may include, but are not limited to:

4. Selection of mechanical equipment designed to produce low noise levels. This includes the mechanical (i.e., heating, ventilation, air-conditioning [HVAC]) equipment.Designing the building shell to contain noise within the building. This includes proper specifications for windows, doors, and ventilation systems;

6. Limiting the maximum noise levels that may be produced by activities within the project;

7. Orienting doors, windows, and other openings away from NSLUs. Where windows or emergency doors need to be oriented toward homes or other noise-sensitive uses, ensure they remain closed when not in use; and

8. Considering all of the above noise control methods in the final architectural and engineering designs and specifications for project construction.

Odor

No nuisance odors are anticipated as a part of this project. There will be outside cooking, but this is not normally perceived as a nuisance odor.

Vibration

Among the construction equipment and vehicles shown in Table 2, during grading activities the roller would be expected to produce the largest magnitude of vibration. FTA guidance indicates that such equipment produces a reference vibration velocity level of 94 VdB at a distance of 25 feet. Assuming this operating vibratory roller is no closer than 50 feet (the distance at which the vibratory roller vibration would attenuate to 85 VdB) to the apparent residential NSLU represented by 1828 Manhattan Place, the estimated vibration velocity level would be less than the aforementioned 85 VdB threshold. For surface compacting activity closer to this NSLU than 50 feet, alternative equipment or methods that produce less vibration would be used. By way of example, a jackhammer (79 VdB at 25 feet, per FTA) or a small compactor exhibiting comparable vibration energy could be operated as close as about 16 feet to the 722 85th Street property and comply with the 85 VdB limit. An operating hydromill (to support onsite trenching, with vibration velocity ranging from 66 to 75 VdB [depending on soil type] at a reference distance of 25 feet, per FTA) would be expected to comply with the 85 VdB threshold at a distance of 6 to 12 feet, respectively, from the same NSLU.

The project is a minor improvement to an existing facility and no unusual circumstances related to noise impacts were identified. This project is not anticipated to have a significant noise effect, including vibration. Therefore, this exception has no application.

Traffic

Based on the evaluations of potential transportation impacts, as detailed in *Attachment G* –

Traffic Information and according to the LADOT traffic impact analysis thresholds applied for the project's construction and operation, the project is not anticipated to have a significant effect related to transportation. The project operational trip generation volumes and anticipated construction trip generation volumes fall below the applicable peak hour vehicle volume thresholds during the a.m. and peak hours, above which, LADOT requires further study to determine impacts. In Tables 6A, 6B, and 6C below, summaries are provided as follow: trip rates per day, using standard LADOT rates for Affordable Housing land use (*Table 6A - Trip Rates*); trip generation with a daily maximum of 20 vehicle trips (*Table 6B.Trip Generation*); and a maximum mix of construction vehicles is 22 passenger car equivalents (PCEs) per day, depending upon construction phase and vehicle mix assumed for that phase (*Table 6C. Maximum No. of Vehicles per Construction Activity*).

Table 6A. Trip Rates (DU/Beds)

Affordable Housing Type	Daily	AM Peak Hour			PM Peak Hour		
		In	Out	Total	In	Out	Total
Permanent Supportive Housing/ Special Needs	1.27	0.05	0.07	0.12	0.07	0.05	0.12

[1] City of Los Angeles Transportation Impact Study Guidelines, December 2016.

Table 6B. Trip Generation

Land Use	Dwelling Units (Beds)	Daily	AM Peak Hour			PM Peak Hour		
			In	Out	Total	In	Out	Total
Permanent Supportive Housing/Special Needs	15	20	1	2	3	2	1	3

Table 6C. Maximum Number of Vehicles per Construction Activity

Construction Activity	Demolition	Trenching	Grading	Paving	Modular Building Installation
Trucks –Vehicles	2	2	4	10	0
Trucks – PCE	6	6	12	6	0
Auto	10	10	10	10	10
Total (Truck Vehicle + Auto)	12	12	14	12	10
Total (Truck PCE + Auto)	16	16	22	16	10

This project is not anticipated to have a significant effect on traffic and transportation. In addition, no unusual circumstances were identified during the screening analysis or are known to this office. Therefore, this exception has no application.

Water Quality

The project site currently on a paved lot. At the project site, there will be no material excavation or export volume beyond the demolition debris (asphalt), and any excess dirt from subgrade utility connections/installations, and unsuitable fill debris, materials, or soil. In addition, the site is currently less than 10 % slope and construction proposed will be mostly at grade, with 4-foot deep trenching for utilities and footings.

Per project design and per current RCMs and required standard conditions for operating practices, the contractor shall apply the following *Section III B (1) j-Stone, Clay, Glass, Concrete* of the *Board of Public Works Rules and Regulations Governing Pollution Control of Discharges into the Stormdrain System* controls during project construction:

1) Store dry materials and waste inside or in covered bermed areas.
2) Regularly clean up spills and dust.
3) Wash vehicles and equipment in designated areas that drain to recycle ponds or process wastewater treatment systems.
4) Use and properly maintain dust collection systems.
5) Store dry bulk materials in an enclosed silo or building.
6) Materials may include sand, gravel, clay, cement, fly ash, kiln dust, and gypsum.
7) Cover material storage piles.
8) Divert run-on around storage areas using curbs, dikes, diversion swales or positive drainage away from material storage piles, (i.e., including any piles of unsuitable fill debris, material or soil encountered during grading).
9) Store only washed sand and gravel outdoors.
10) Use dust collection systems (i.e.: bag houses) to collect airborne particles generated as a result of handling and mixing operations. Properly remove and
11) recycle or dispose of collected dust to minimize exposure of collected dust to the environment.
12) Routinely clean material handling equipment and vehicles to remove accumulated dust and residue.
13) Clean exposed mixing equipment after mixing operations is complete.
14) Pour and cure precast products in a covered area. Clean forms before storing outdoors.
15) Install sediment basins, silt fence, vegetated filter strips, or other sediment removal measures downstream/downslope of handling and mixing operations.

As designed, the project will have no significant effect to water quality.

In summary, the project will have no significant effect to air quality, biological resources, cultural resources, noise, traffic, and water quality. In addition, no unusual circumstances

were identified through any of the screening assessments or are known to this office. As such, these exclusions have no application here.

4. Scenic Highway. A categorical exemption shall not be used for a project which may result in damage to scenic resources, including but not limited to, trees, historic buildings, rock outcroppings, or similar resources, within a highway officially designated as a state scenic highway. The proposed project is not within a state designated scenic highway or within sight of any state designated scenic highway. Therefore, this exception has no application.

5. Hazardous Waste Site. This exception applies when a project is located on a site listed as a hazardous waste site under Government Code Section 65962.5.

The California State Regional Water Quality Control Board (RWQCB) website (GeoTracker at geotracker.waterboards.ca.gov/) and the EnviroStor (Department of Toxic Substance Control, Cal EPA) website were visited to review the project site. The site i a site listed as a hazardous waste site under Government Code Section 65962.5. Therefore, this exception has no application.

For additional information on hazardous materials see Section III.B and *Hazardous Materials and Attachment E - Hazardous Materials* Information.

6. Historical Resources. This exception applies when a project may cause a substantial adverse change in the significance of a historical resource.

As described in Section III.B, no historical resource is involved in the proposed project so this exception has no application.

REFERENCES

1. Email and verbal communications from A. Kawaguchi, LABOE Project Manager to H. Froelich and M. Martin, EMG regarding Project Specifications, April 2018 through October 2018.

2. Review of City of Los Angeles ZIMAS Mapping System and Navigate LA for Significant Ecological Areas, Seismic Study Areas, and Land Use by M. Martin, Los Angeles City Bureau of Engineering, Environmental Management Group (EMG), October 16, 2018.

3. Email and verbal communications from M. Quinonez, LABOE Project Architect to H. Froelich and M. Martin, EMG regarding Project Specifications, April 2018 through October 2018.

4. City of Los Angeles Bureau of Engineering. Master Specifications, Division 01, General Requirements, Section 01562, Part 1.1.C.

5. Los Angeles Homeless Services Authority. Unsheltered and Sheltered Population Density, August 20, 2018.

6. Homeless Services Directory. Review of Services within Six Miles of Project Site by C. Adams, August 20, 2018, hyperlink at:

https://www.homelessshelterdirectory.org/cgi-bin/id/city.cgi?city=Los%20Angeles&state=CA

7. City of Los Angeles Environmental Affairs Department. Los Angeles CEQA Thresholds Guide (2006); hyperlink at: http://planning.lacity.org/Documents/MajorProjects/CEQAThresholdsGuide.pdf
8. Online search of addresses in 1,000-foot radius of project site for planned and active permitted projects at Department of Building and Safety by C. Adams, EMG, August 29, 2018.
9. *Hazardous Materials/Waste Agency Records Search and Review of Cortese Lists (Government Code Section 65962.5) at ca.gov by C. Adams, August 10, 2018.*

ATTACHMENTS

A - Project Description Information

B - Air Quality Information

C - Biological Information

D - Cultural Resource Information

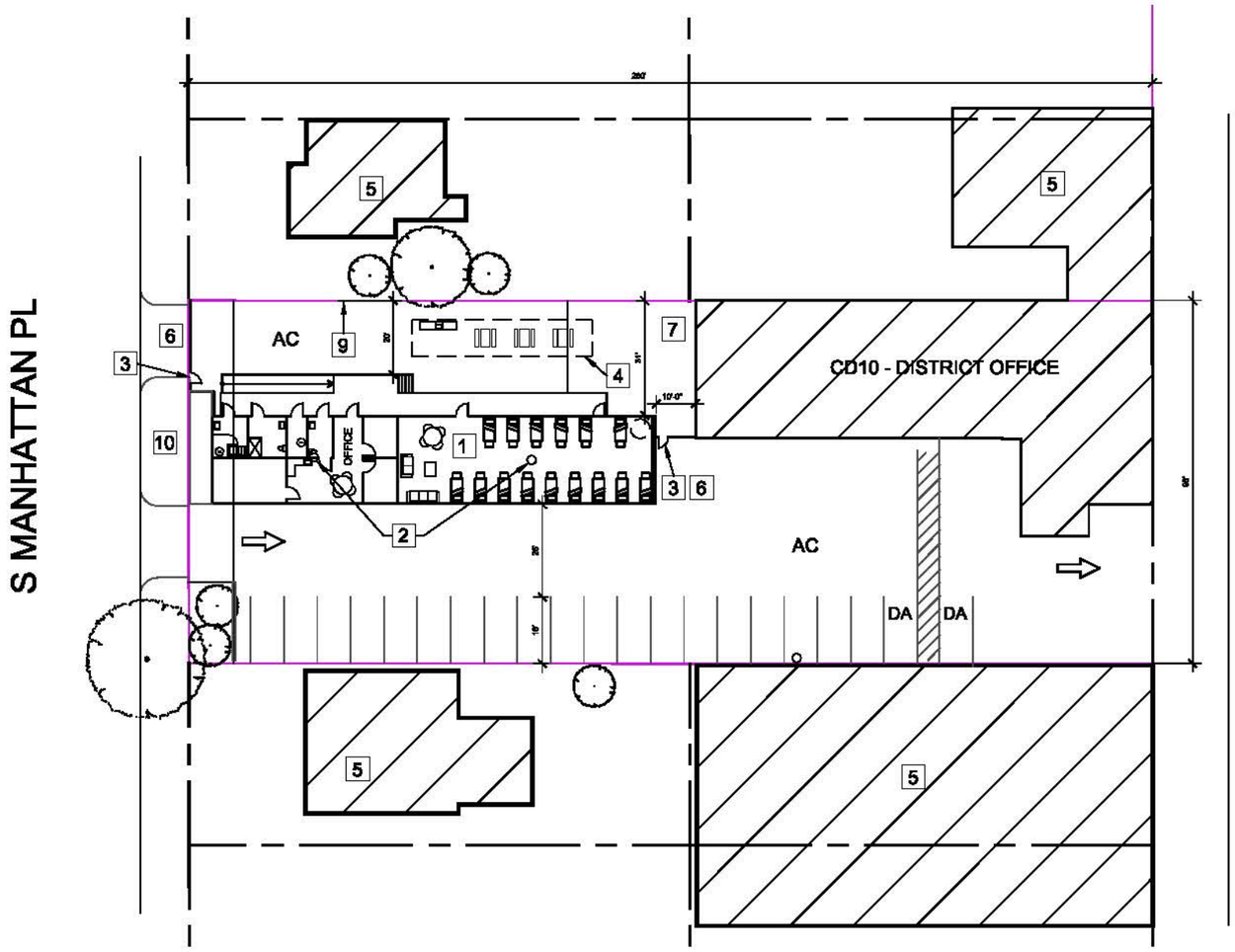
E - Hazardous Materials Information

F - Noise Information

G - Traffic Information

ATTACHMENT A – PROJECT DESCRIPTON INFORMATION

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KEY NOTES

1. TEMPORARY HOUSING 24' x 120' TRAILER. 15 BEDS / 2 OFFICES / 1 EMPLOYEE RESTROOM/ 1 RESIDENT RESTROOM / STORAGE / LAUNDRY. EXTERIOR AWNING FOR SHADE/COVER. THE OFFICE NEEDS TO ACCOMMODATE ONE LARGE REFRIGERATOR AND A SMALLER ONE FOR MEDICINE STORAGE AND A LARGE SINK. THE CONGREGATE LIVING WILL ACCOMMODATE A SMALL SINK.
2. EXISTING LIGHT POLES TO BE RELOCATED (2 PLACE)
3. NEW PEDESTRIAN GATE
4. OUTDOOR COVERED SEATING AREA WITH FOOD PREP COUNTER WITH SMALL SINK
5. EXISTING STRUCTURE
6. NEW CHAINLINK FENCE
7. DOG RUN AREA. (67 SQ PER DOG)
8. PEDESTRIAN ACCESS TO EXISTING BUILDING
9. GREEN SCREEN FENCE ON NORTHERN EDGE
10. NEW LANDSCAPING

AC ASPHALT CONCRETE

SITE PLAN - PROPOSED TRAILER LAYOUT

SCALE: 1" =40'-0"

NOTE:
- A STUDY OF THE UTILITIES HAS NOT BEEN DONE FOR THIS SITE.
- THE EXISTING USE REQUIRES 13 PARKING SPACES, 20 STANDARDS CAN BE ACCOMMODATED.
- RELOCATION OF TWO LARGE METAL BINS IS REQUIRED TO ACCOMMODATE TRAILER.
- RELOCATION OF ALL EQUIPMENT ALONG WESTERN AVE. WILL BE REQUIRED.

CITY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING

ENGINEERING CITY OF LOS ANGELES

CITY ENGINEER

PROPOSED PLAN

A101

Project number	
Date	5/24/18
Drawn by	TY
Checked by	MQ
Scale	N.T.S.

GARY LEE MOORE, PE, ENV SP

CD 10 TEMPORARY HOUSING

1819 S. WESTERN AVE
LOS ANGELES, CA. 90006

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NORTHERN AERIAL VIEW



SOUTHERN AERIAL VIEW

CITY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING

GARY LEE MOORE, PE, ENV SP CITY ENGINEER

CD 10 TEMPORARY HOUSING

1819 S. WESTERN AVE
LOS ANGELES, CA. 90006

RENDERINGS

Project number		A102	
Date	5/16/18		
Drawn by	TY		
Checked by	MQ	Scale	N.T.S.

ENGINEERING
CITY OF LOS ANGELES



PERSPECTIVE LOOKING EAST



PERSPECTIVE LOOKINGWEST



STREET VIEW (MANHATTAN PL.)

CITY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING

GARY LEE MOORE, PE, ENV SP CITY ENGINEER

CD 10 TEMPORARY HOUSING

1819 S. WESTERN AVE
LOS ANGELES, CA. 90006

RENDERINGS

Project number		A103	
Date	5/16/18		
Drawn by	TY		
Checked by	MQ	Scale	N.T.S.

ENGINEERING
CITY OF LOS ANGELES

ATTACHMENT B – AIR QUALITY INFORMATION

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Terry A. Hayes Associates Inc. 310.839.4200 tel
3535 Hayden Avenue, Suite 350 310.839.4201 fax
Culver City, CA 90232
www.webtaha.com

Memorandum

To	Ms. Heloise Froelich Environmental Management Group Bureau of Engineering, Department of Public Works	Pages 9
Subject	Bridge Housing Project (Council District 10): Air Quality and Greenhouse Gas (GHG) Technical Memorandum	
From	Sam Silverman, Andy Uk, Terry A. Hayes Associates Inc. (TAHA)	
Date	October 11, 2018	

Introduction

This Technical Memorandum describes potential environmental impacts related to air quality and GHG emissions of the Bridge Housing Project (proposed project) to be located at 1819 South Western Avenue (Council District 10) of the City of Los Angeles, Los Angeles County, California (subject property).

The proposed project consists of a temporary change in property use from a City-owned paved public parking lot with landscaping to a City-owned temporary emergency homeless shelter for no more than three years. The subject property consists of four parcel designated by the Los Angeles County Office of the Assessor as Assessor Parcel Numbers (APN) 5073-013-900 (two tied lots), 5073-013-901 and 5073-013-902 that encompasses approximately 25,506 square feet (0.6 acres). The proposed project would include the addition of a 24-foot by 120-foot trailer (totaling of 2,880 square feet) to the parking lot of the Council Office. The trailer will be equipped with a 15-bed sleeping and lounging area with sink, two offices, 1 employee restroom, 1 resident restroom, and storage/laundry facilities. In addition, outside would be a free-standing area with a shade structure over three picnic tables and a food preparation area that includes a small sink. Also included would be a new pedestrian gate, new chain link fencing and green screen fence on northern edge of site, dog run area, and new landscaping. Nineteen parking spaces will remain to serve the Council Office and shelter staff and operational support services. As discussed in this memorandum, the proposed project will have no significant adverse impacts related to air quality or GHG emissions.

Purpose

The purpose of this Technical Memorandum was to assess the potential for air quality or GHG impacts in accordance with the California Environmental Quality Act (CEQA). The analysis is consistent with methodology established by the South Coast Air Quality Management District (SCAQMD).

Air Quality Planning

The project site is located within the South Coast Air Basin (SCAB) under the jurisdiction of the SCAQMD. The SCAQMD monitors air quality within the SCAB, which includes Orange County and portions of Los Angeles, Riverside, and San Bernardino counties. The SCAB is bounded by the Pacific Ocean to the west; the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east; and the San Diego County line to the south. The SCAB is subject to some of the worst air pollution in the nation due to the immense magnitude of emissions sources and the combination of topography, low mean atmospheric mixing height, and abundant sunshine. Although the SCAB has a semiarid climate, air near the surface is generally moist because of the

presence of a shallow marine layer. With very low average wind speeds, there is a limited capacity to disperse air contaminants horizontally. The mountains and hills surrounding the SCAB contribute to the variation of rainfall, temperature, and winds throughout the region.

The primary purpose of an air quality plan is to bring an area that does not attain National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS) into compliance with those standards pursuant to the requirements of the Clean Air Act and California Clean Air Act. NAAQS and CAAQS have been established for the following criteria pollutants: ozone (O_3), carbon monoxide (CO), sulfur dioxide (SO_2), nitrogen dioxide (NO_2), respirable particulate matter less than 10 microns in diameter (PM_{10}), fine particulate matter less than 2.5 microns in diameter ($PM_{2.5}$), and lead (Pb). Because O_3 is not directly emitted in the air—rather it is formed by chemical reactions between nitrogen oxides (NOx) and volatile organic compounds (VOC) in the presence of sunlight—air quality regulations focus on ozone's precursors. These pollutants are common byproducts of human activities and have been documented through scientific research to cause adverse health effects.

The SCAQMD is tasked with preparing regional programs and policies designed to improve air quality within the SCAB, which are assessed and published in the form of the Air Quality Management Plan (AQMP). The AQMP is updated every four years to evaluate the effectiveness of the adopted programs and policies and to forecast attainment dates for nonattainment pollutants. The most recent publication is the 2016 AQMP, which is intended to serve as a regional blueprint for achieving the federal air quality standards and healthful air. The 2016 AQMP represents a thorough analysis of existing and potential regulatory control options, and includes available, proven, and cost-effective strategies to pursue multiple goals in promoting reductions in GHG emissions and toxic risk, as well as efficiencies in energy use, transportation, and goods movement. The 2016 AQMP focuses on demonstrating NAAQS attainment dates for the 2008 8-hour O_3 standard, the 2012 annual $PM_{2.5}$ standard, and the 2006 24-hour $PM_{2.5}$ standard.

Criteria Air Pollutant Emissions

Construction

Construction of the proposed project would result in the generation of criteria pollutant emissions. Criteria air pollutant emissions associated with typical construction activities were modeled using the California Emissions Estimator Model (CalEEMod), Version 2016.3.2. This model allows the user to enter project-specific construction information, such as the types, number and horsepower of construction equipment, and the number and length of off-site motor vehicle trips. Construction emissions were estimated for the use of off-road equipment, heavy-duty trucks (i.e., demolition, haul, and materials delivery), and worker commutes.

The City of Los Angeles Department of Public Works, Bureau of Engineering (BOE) provided assumptions for the emissions analysis, which are provided in Attachment 1. Construction of the proposed project is expected to begin in November 2018 and would last approximately five months. The estimated construction workforce is a maximum of ten workers per day. The analysis assumed a maximum of 22 truck trips per day and grading activity would be minimal as the project site has previously been developed and is flat. The estimate of fugitive dust emissions account for Rule 403 compliance. Examples of Rule 403 compliance include: a) All exposed areas will be frequently watered to reduce the generation of dust, and b) Vehicle speed of construction vehicles/equipment in exposed areas (i.e., unpaved access) shall be reduced to reduce the generation of dust. The SCAQMD significance thresholds were used to assess regional and localized emissions during construction and operation of the proposed project (SCAQMD, 2015). Localized emissions of criteria air pollutants and precursors were assessed in accordance with SCAQMD's localized significance thresholds (LST) guidance (SCAQMD, 2008). For projects less than five acres in area, the SCAQMD has developed look-up reference tables providing the maximum daily emissions that would not have the potential to cause an exceedance of any air quality standard based on existing ambient air quality. The nearest sensitive receptors to the project site are single-family homes adjacent to the southwestern boundary of the proposed project. Therefore, the analysis conservatively assumes a project site of one acre and a receptor distance of 25 meters for the LST values.

As shown in Table 1, the peak daily construction emissions would not exceed any of the SCAQMD daily or LST thresholds. Therefore, construction of the proposed project would not violate an ambient air quality standard or contribute substantially to an existing violation. Additional modeling assumptions and details are provided in Attachment 1.

Table 1. Unmitigated Maximum Daily Construction-Related Emissions

Phase	Daily Emissions (Pounds Per Day)					
	VOC	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Demolition						
On-Site Emissions	0.5	4.7	4.2	<0.1	2.1	0.6
Off-Site Emissions	0.3	7.3	2.6	<0.1	0.6	0.2
Total	***0.9***	***12.0***	***6.8***	***<0.1***	***2.7***	***0.8***
Grading						
On-Site Emissions	0.7	7.4	6.7	<0.1	0.5	0.4
Off-Site Emissions	0.1	0.6	1.1	<0.1	0.3	0.1
Total	***0.8***	***8.0***	***7.8***	***<0.1***	***0.7***	***0.5***
Trenching/Utilities						
On-Site Emissions	0.5	4.7	4.2	<0.1	0.3	0.3
Off-Site Emissions	0.1	0.1	1.0	<0.1	0.2	0.1
Total	***0.6***	***4.8***	***5.2***	***<0.1***	***0.5***	***0.4***
Building Construction						
On-Site Emissions	0.3	2.7	2.4	<0.1	0.2	0.2
Off-Site Emissions	0.1	0.3	1.1	<0.1	0.2	0.1
Total	***0.4***	***3.1***	***3.4***	***<0.1***	***0.4***	***0.2***
Paving						
On-Site Emissions	0.6	6.3	5.5	<0.1	0.3	0.3
Off-Site Emissions	0.1	0.1	1.0	<0.1	0.2	0.1
Total	***0.7***	***6.4***	***6.5***	***<0.1***	***0.5***	***0.3***
REGIONAL ANALYSIS						
Maximum Regional Daily Emissions	***0.9***	***12.0***	***7.8***	***<0.1***	***2.7***	***0.8***
Regional Significance Threshold	75	100	550	150	150	55
Exceed Regional Threshold?	**No**	**No**	**No**	**No**	**No**	**No**
LOCALIZED ANALYSIS						
Maximum Localized Daily Emissions	**--**	***7.4***	***6.7***	**--**	***2.1***	***0.6***
Localized Significance Threshold	--	74	680	--	5	3
Exceed Localized Threshold?	**--**	**No**	**No**	**--**	**No**	**No**

Source: TAHA, 2018.

Notes:

[1]Assumes a 1-acre project site and a 25-meter receptor distance for Source Receptor Area 1. The nearest sensitive receptors are residences adjacent to the south, north, northwest and southwest boundary of the project site.

[2]The SCAQMD has not developed an LST for VOC emissions.

Operation

After construction, day-to-day activities associated with the operation of the proposed project would generate emissions from a variety of sources. Operational emissions may be both direct and indirect emissions, and would be generated by area, mobile, and energy sources. Area sources include sources such as the use of consumer products (e.g., cleaning products, aerosols), landscape maintenance equipment, and periodic architectural coatings. The proposed project would be used as a facility serving homeless families and individuals. Mobile-source emissions would primarily include vehicle trips by employees to the facility. It is anticipated the facility would result in 20 trips per day. Operational emissions associated with the day-to-day activities of the proposed project were quantified using CalEEMod. As shown in Table 2, the peak daily operational emissions would not exceed any of the SCAQMD daily thresholds. Therefore, operation of the proposed project would not violate an ambient air quality standard or contribute substantially to an existing violation. Additional modeling assumptions and details are provided in Attachment 1.

Table 2. Unmitigated Maximum Daily Operational Emissions

	Daily Emissions (Pounds Per Day)					
Source/Description	**VOC**	**NO_X**	**CO**	**SO_X**	**PM_{10}**	**$PM_{2.5}$**
Area	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Energy	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mobile	<0.1	0.2	0.5	<0.1	0.1	<0.1
Total	***0.1***	***0.2***	***0.5***	***<0.1***	***0.1***	***<0.1***
SCAQMD Regional Thresholds	55	55	550	150	150	55
Exceed Regional Threshold?	**No**	**No**	**No**	**No**	**No**	**No**

Source: TAHA, 2018.

Toxic Air Contaminants

Construction

The SCAQMD devised its LST values to prevent the occurrence of localized hot spots of criteria pollutant concentrations at sensitive receptor locations surrounding the project site. The LST values were determined using emissions modeling based on ambient air quality measured throughout the SCAB. If maximum daily emissions remain below the LST values during construction activities, it is highly unlikely that air pollutant concentrations in ambient air would reach substantial levels sufficient to create public health concerns for sensitive receptors. As shown in Table 1, maximum daily emissions from sources located on the project site would not exceed any applicable LST values. Therefore, construction of the proposed project would not result in exposure of sensitive receptors to substantial concentrations of criteria pollutants.

Furthermore, according to SCAQMD methodology, health risks from carcinogenic air toxics are usually described in terms of individual cancer risk. “Individual Cancer Risk” is the likelihood that a person exposed to concentrations of TACs over a 30-year lifetime will contract cancer based on the use of standard risk-assessment methodology. The entire duration of construction activities associated with implementation of the proposed project is anticipated to be approximately five months, and the magnitude of daily diesel PM emissions will vary over this time period. No residual emissions and corresponding individual cancer risk are anticipated after construction. Because there is such a short-term exposure period, no impacts associated with construction TAC emissions would result.

The California Office of Environmental Health Hazard Assessment (OEHHA) has also published guidance for estimating health risks. The guidance includes a recommendation for assessing construction-related risks for short-term activities. Importantly, while the SCAQMD and the City support the OEHHA methodologies, the screening guidance has not been adopted by either agency. The proposed project only involves five months of construction activities and no substantial earthwork activities. Over the course of construction activities, average

diesel PM emissions from on-site equipment would be approximately 0.20 pounds per day. Comprehensive experience implementing the OEHHA guidance for development projects has shown that this level of emission over this relatively short time period has no potential to result in a significant health risk. There is no need for a detailed construction health risk assessment. However, as requested by the lead agency, a Health Risk Assessment has been prepared and is placed in the Administrative Record to further support these conclusions.

Operation

Regarding exposure of on-site residents and workers to permanent sources of toxic air contaminants, SCAQMD and the Office of Environmental Health Hazard Assessment (OEHHA) recommends detailed health risk assessment for projects located within 0.25 miles of high-volume roadways (i.e., freeways), trucking facilities, and other substantial sources of emissions (e.g., rail yards, ports, etc.). The project site is not located near a significant or uncommon source of toxic air contaminant emissions. Furthermore, OEHHA and SCAQMD guidance assesses long-term exposure over a 70-year lifetime. The temporary shelter is planned for a three-year period. There is no potential for people located on the project site to be exposed to significant health risk from air pollution.

Regarding off-site exposure from operational activities occurring on the project site, the proposed project does not include an industrial component that would constitute a new substantial stationary source of operational air pollutant emissions, nor does it include a land use that would generate a substantial number of heavy-duty truck trips. There would be no substantial source of air toxic emissions. Additionally, as shown in Table 2, daily emissions of criteria pollutants would not exceed SCAQMD thresholds.

Odors

Construction

A significant impact would occur if construction or operation of the proposed project would result in the creation of nuisance odors that would be noxious to a substantial number of people. Potential sources that may produce objectionable odors during construction activities include equipment exhaust, application of asphalt and architectural coatings, and other interior and exterior finishes. Odors from these sources would be localized and generally confined to the immediate area surrounding the project site; the emissions would be temporary in nature and would not persist beyond the termination of construction activities. The proposed project would utilize standard construction techniques and procedures, and the odors would be typical of most construction sites and temporary in nature. In addition, as construction-related emissions dissipate away from the construction area, the odors associated with these emissions would also decrease and would be quickly diluted.

Operation

The proposed project would also include a food preparation and serving area. Odors associated with food preparation from the project site would be produced. According to the SCAQMD CEQA Air Quality Handbook, land uses and industrial operations that are associated with odor complaints include agricultural uses, wastewater treatment plants, food processing plants, chemical plants, composting, refineries, landfills, dairies and fiberglass molding. Although, the homeless shelter would produce some odors and smells associated with the preparation of food, the operations would comply with SCAQMD Rule 402, which would prohibit any air quality discharge that would be a nuisance or pose any harm to individuals of the public. On-site trash receptacles would have the potential to create adverse odors. Trash receptacles would be located and maintained in a manner that promotes odor control in accordance with the Los Angeles Clean Streets program and no adverse odor impacts are anticipated from these types of land uses.

Cumulative Impacts

“Cumulative impacts” refers to two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts. The cumulative impact from several projects is the change in the environment that results from the incremental impact of the project when added to other closely related past, present, and reasonably foreseeable probable future projects. The SCAQMD states that, “projects that do not exceed the project-specific thresholds are generally not considered to be cumulatively significant” (SCAQMD, 2003). As shown in Tables 1 and 2, neither construction nor operation of the proposed project would exceed applicable SCAQMD thresholds. Therefore, no further cumulative analysis is warranted.

Greenhouse Gas Emissions

GHG emissions refer to a class of emissions that are generally believed to affect global climate conditions. The greenhouse effect compares the Earth and the atmosphere surrounding it to a greenhouse with glass panes. The glass panes in a greenhouse let heat from sunlight in and reduce the amount of heat that escapes. GHGs, such as carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O), keep the average surface temperature of the Earth close to 60°F. CO_2 is the most abundant pollutant that contributes to climate change through fossil fuel combustion. The other GHGs are less abundant but have higher global warming potency than CO_2. To account for this higher potential, emissions of other GHGs are frequently expressed in the equivalent of CO_2, denoted as CO_2e. CO_2e is a measurement used to account for the fact that different GHGs have different potential to retain infrared radiation in the atmosphere and contribute to the greenhouse effect.

The State of California and SCAQMD have adopted plans or policies to reduce GHG emissions. In September 2006, California passed the California Global Warming Solutions Act of 2006 (Assembly Bill [AB] 32; California Health and Safety Code Division 25.5, Sections 38500, et seq.). AB 32 establishes regulatory, reporting, and market mechanisms to achieve quantifiable reductions in GHG emissions and establishes a cap on statewide GHG emissions. It requires that statewide GHG emissions be reduced to 1990 levels by 2020. In 2008 and 2014, the California Air Resources Board (CARB) approved the Scoping Plan and the first update to the Scoping Plan, respectively (ARB, 2008; 2014). In 2016, the state legislature passed Senate Bill (SB) 32, which established a 2030 GHG emissions reduction target of 40 percent below 1990 levels. In response to SB 32 and the companion legislation of AB 197, ARB approved the Final Proposed 2017 Scoping Plan Update: The Strategy for Achieving California's 2030 GHG Target in November 2017 (ARB, 2017). The 2017 Scoping Plan draws from the previous plans to present strategies to reaching California's 2030 GHG reduction target. None of these statewide plans or policies constitutes a regulation to adopt or implement a regional or local plan for reduction or mitigation of GHG emissions. In addition, it is assumed that any requirements formulated under the mandate of AB 32 and SB 32 would be implemented consistent with statewide policies and laws. Executive Order (E.O.) B-30-15 established an interim GHG reduction target of 40 percent below 1990 levels by 2030, and E.O. S-3-05 established a long-term goal of reducing statewide GHG emissions to 80 percent below 1990 levels by 2050.

In May 2007, Los Angeles released "Green LA: An Action Plan to Lead the Nation in Fighting Global Warming" (Climate Action Plan) with a goal to reduce the City's GHG emissions to 35 percent below 1990 levels by the year 2030. The Climate Action Plan focuses on reducing GHG emissions by increasing the use of renewable energy sources, implementing green building policies, diverting waste from landfills, greening the Port of Los Angeles, and changing land use and transportation patterns to reduce dependence on automobiles. In April 2015, the City of Los Angeles released the City's Sustainable City pLAn, which lays out strategies and priority initiatives to reduce Los Angeles's GHG emissions by 45 percent by 2025, 60 percent by 2035, and 80 percent by 2050, all against a 1990 baseline (City of Los Angeles, 2015).

As the City of Los Angeles has not established screening thresholds for GHG emissions, this analysis uses the applicable significance thresholds developed by the SCAQMD. The GHG CEQA Significance Threshold Stakeholder Working Group recommended options for evaluating non-industrial projects, including thresholds for residential, commercial, and mixed-use projects. These draft thresholds include a threshold of 3,000 metric tons CO_2e ($MTCO_2e$) per year for non-industrial projects (SCAQMD 2010). This analysis compares the amortized construction and operational emissions to the SCAQMD draft threshold of 3,000 MT CO_2e per year. The SCAQMD recommends that construction emissions associated with a project be amortized over the life of the project (typically 30 years) and added to the operational emissions. The proposed project comprises a temporary housing facility with an operational lifetime of three years. Therefore, this analysis includes a quantification of the total modeled construction-related GHG emissions which are then amortized and evaluated over the three-year life of the project.

Heavy-duty off-road equipment, materials transport, and worker commutes during construction of the proposed project would result in exhaust-related GHG emissions. GHG emissions generated during the operational phase of the proposed project would include emissions from mobile sources, energy consumption, water consumption, waste disposal, and area sources. As shown in Table 3, the total construction-related and operational CO_2e of 20.5 $MTCO_2e$ associated with the proposed project would be less than the 3,000 $MTCO_2e$ threshold. Total construction-related GHG emissions would be approximately 27.9 $MTCO_2e$.

Table 3. Maximum Daily Emissions

Emissions Category	CO_2e (Metric Tons per Year)
Construction Emissions Amortized (Direct)[1]	9.3
Area Source Emissions (Direct)	<0.1
Mobile Source Emissions (Direct)	11.2
Energy – Natural Gas Emissions (Direct)	<0.1
Waste Disposal Emissions (Indirect)	<0.1
Water Distribution Emissions (Indirect)	<0.1
Total Emissions	**20.5**
SCAQMD Proposed Threshold ($MTCO_2e$/year) [2]	3,000
Exceed Threshold?	**No**

Source: TAHA, 2018
[1]Amortized construction emissions obtained by dividing total construction emissions by 30 years.
[2]SCAQMD, 2010.

Greenhouse Gas Reduction Plans

State and regional agencies along with the City have adopted programs and policies to control and reduce GHG emissions. The following discussion addresses relevant programs and policies. Importantly, the proposed project would be a temporary three-year use that would not contribute to the permanent GHG emissions inventory. The 29 $MTCO_2e$ emissions identified above represents approximately three percent of the significance threshold. Negligible emissions would be related to the region's primary source of GHG emissions, which is on-road vehicles. The relatively small magnitude and temporary nature of GHG emissions associated with the proposed project render any efforts to further reduce emissions to less than 29 $MTCO_2e$ emissions to be essentially unnecessary.

Assembly Bill 32

AB 32 requires the CARB to develop and enforce regulations for the reporting and verification of Statewide GHG emissions and directs the CARB to set a GHG emission limit—based on 1990 levels—to be achieved by 2020. The Scoping Plan outlines a series of technologically feasible and cost-effective measures to reduce Statewide GHG emissions, including expanding energy efficiency programs, increasing electricity production from renewable resources (at least 33 percent of the statewide electricity mix), and increasing automobile efficiency, implementing the Low-Carbon Fuel Standard, and developing a cap-and-trade program. These measures are designed to be implemented by State agencies at high planning levels. The proposed project's scale and required compliance with the mandatory measures related to planning, design, energy efficiency, water efficiency, water conservation, material conservation, resource efficiency, and environmental quality within the Los Angeles Green Building Code would ensure that the proposed project does not interfere with implementation of the AB 32 measures. The CARB has stated that the statewide GHG emissions inventory was 429.4 $MMTCO_2e$ in 2016. The proposed project would generate approximately 29 $MTCO_2e$ per year. There is no potential for the proposed project to be inconsistent with the AB 32 GHG reduction goals.

Executive Orders S-3-05 (E.O. S-3-05)

E.O. S-3-05 established a long-term goal of reducing statewide GHG emissions to 80 percent below 1990 levels by 2050. The proposed project is a temporary three-year facility that would be closed well before 2050. There is no potential for the proposed project to interfere with attainment of 2050 statewide GHG reduction goals. In addition, achieving these long-term GHG reduction policies will require systemic changes in how energy is produced and used. There are a number of studies that discuss potential mechanisms for limiting statewide GHG emissions to meet the aggressive goals identified by E.O. S-3-05. For example, CARB and other State

agencies commissioned Energy + Environmental Economics in 2015 to develop feasible GHG reduction scenarios for 2030. Other studies include a report by the California Center for Science and Technology, the California Department of Transportation's California Transportation Plan 2040, CARB's First Update to the AB 32 Scoping Plan, and a study published in Science that analyzes the changes that will be required to reduce GHG emissions to 80 percent below 1990 levels by 2050. In general, these studies reach similar conclusions—deep reductions in GHG emissions can only be achieved with significant changes in electricity production, transportation fuels, and industrial processes (e.g., decarbonizing electricity production, electrifying transportation, utilizing alternative fuels for aviation).

The systemic changes that will be required to achieve EO S-3-05, if they are legislatively adopted, will require significant policy, technical, and economic solutions. Some changes, such as the use of alternative fuels (e.g., biofuel) to replace petroleum for aviation, cannot be accomplished without action by the federal government. Similarly, achieving the reduction goals will require California to dramatically increase the amount of electricity that is generated by renewable generation sources and, correspondingly, advance the deployment of energy storage technology and smart-grid strategies, such as price-responsive demand and the smart charging of vehicles. This would entail a significant redesign of California's electricity system, which can only be accomplished through State action. Accordingly, in evaluating the proposed project's emissions for consistency with E.O. S-3-05, it is important to note that many of the broad-scale shifts needed to meet the reduction goals are outside of the control of the City and beyond the scope of the proposed project.

The long-term climate change policy and regulatory changes that will be enacted to meet 2030 and 2050 emissions reduction targets are unknown at this time. As a consequence, the extent to which the proposed project emissions and resulting impacts would be mitigated through implementation of statewide (and nationwide) changes is not known. However, some of the anticipated statewide actions (e.g., decarbonization, energy efficiency, alternative transportation) can be facilitated, at least to some extent, through implementation of specific GHG reduction measures in large-scale developments. The proposed project includes policies related to reduced water consumption. The proposed project is consistent with anticipated long-term statewide strategies to reduce GHG emissions. Accordingly, the proposed project would not conflict with the goals in EO S-3-05.

Senate Bill

SB 32 was enacted in 2016 in response to Executive Order B-30-15 and requires reducing statewide GHG to 40 percent below 1990 levels by 2030. The proposed project is a temporary three-year facility that would be closed well before 2030. There is no potential for the proposed project to interfere with attainment of 2030 statewide GHG reduction goals. Refer to the above discussions related to AB 32 and E.O. S-3-05 for additional analysis.

Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS)

Senate Bill 375 requires the metropolitan planning organizations to prepare an SCS in their regional transportation plans to achieve the per capita GHG reduction targets and the region's SCS is contained within the Southern California Association of Governments 2016–2040 RTP/SCS. As discussed above, the proposed project would not be inconsistent with GHG reduction targets associated with AB 32 and related regulations. In addition, the RTP/SCS focuses on job growth in high quality transit areas, resulting in more opportunity for transit-oriented development. The RTP/SCS supports sustainable growth through a more compact, infill, and walkable development pattern. The proposed project would be located within walking distance of the Los Angeles County Metropolitan Transportation Authority (LA Metro) Red Line Hollywood/Highland train station; and would be surrounded by various bus lines from Metro and Los Angeles Department of Transportation (LADOT). These public transit lines would serve the Los Angeles downtown area and surrounding areas.

Air Quality Management Plan

The 2016 AQMP is a regional blueprint for achieving the federal air quality standards and healthful air. The AQMP is focused on criteria air pollutant and ozone precursor emissions, although Chapter 10 addresses climate and energy. The AQMP identifies the primary sources of criteria air pollutant and GHG emissions as direct and indirect energy use within the Basin. The largest share of energy use in the Basin is related to transportation purposes and the second largest share is electricity use. The majority of policies included in Chapter 10 of the AQMP are not relevant to individual or temporary land use development. These include:

- Establishing a workgroup to assess life-cycle emissions;
- Technical assistance to agencies implementing efficiency measures or new transportation technologies and infrastructure;
- Implementing more efficient mobile source technologies;
- Working collaboratively with other State, national, and international entities on air pollution reduction efforts;
- Evaluating biogas technologies; and
- Studying future climate impacts on air quality.

The AQMP does include policies related to reducing energy consumption and imported water use. The proposed project would not be inconsistent with GHG policies in the AQMP.

City of Los Angeles Sustainability Plan

The City of Los Angeles Sustainability Plan includes GHG reduction goals of 1990 levels by 45 percent in 2025, 60 percent in 2035, and 80 percent in 2050. The proposed project is a temporary three-year facility that would be closed before 2025 and well before 2035 or 2050. There is no potential for the proposed project to interfere with attainment of City GHG reduction goals. In addition, the majority of City policies are not relevant to individual or temporary land use development. These include retiring coal power plants, updating the Los Angeles Department of Water and Power Integrated Resource Plan, increasing citywide GHG education, and other broad policies to be implemented by the City. The City of Los Angeles Sustainability Plan does include policies related to reducing energy consumption and imported water use. The proposed project would not be inconsistent with GHG policies in the City of Los Angeles Sustainability Plan.

Zero Emissions 2028 Roadmap

In September 2018, the Transportation Electrification Partnership—convened by the Los Angeles Cleantech Incubator (LACI) —released the 1.0 version of their Zero Emissions 2028 Roadmap, setting the goal to move toward an additional 25 percent reduction in GHG emissions and air pollution beyond current commitments—through accelerating transportation electrification—by the time the world arrives in Los Angeles for the 2028 Olympic and Paralympic Games. The Partnership's Leadership Group includes the CARB, Los Angeles Mayor Eric Garcetti, County of Los Angeles, Los Angeles County Metropolitan Transportation Authority (LA Metro), Los Angeles Department of Water and Power (LADWP), Southern California Edison (SCE), and LACI. Construction and operation of the proposed project would not interfere with planned upgrades to the electric grid infrastructure, nor would it introduce new non-electric vehicles to the regional transportation network. The goals of the Zero Emissions 2028 Roadmap would not be compromised by implementing the proposed project.

Conclusions

Based on the results of this limited environmental desktop review and records search, no environmental concerns were identified in connection with the subject property.

Prepared by

Sam Silverman
Senior Associate

Andy Uk
Assistant Planner

Attachment 1 – CalEEMod Files & GHG Emissions Calculations

References

California Air Resources Board (CARB). 2008. Climate Change Scoping Plan. Available at https://www.arb.ca.gov/cc/scopingplan/document/adopted_scoping_plan.pdf. Accessed September 2018.

———. 2014. First Update to the Climate Change Scoping Plan: Building on the Framework. Pursuant to AB 32, the California Global Warming Solutions Act of 2006. Available at https://www.arb.ca.gov/cc/scopingplan/2013_update/first_update_climate_change_scoping_plan.pdf. Accessed September 2018.

———. 2017. California's 2017 Climate Change Scoping Plan. Available at https://www.arb.ca.gov/cc/scopingplan/scoping_plan_2017.pdf. Accessed September 2018.

City of Los Angeles. 2015. Sustainable City pLAn. Available at http://plan.lamayor.org/wp-content/uploads/2017/03/the-plan.pdf. Accessed September 2018.

Southern California Association of Governments. 2016. 2016-2040 RTP/SCS. Available at http://scagrtpscs.net/Pages/DRAFT2016PEIR.aspx. Accessed September 2018.

South Coast Air Quality Management District (SCAQMD). 2008. Localized Significance Threshold Methodology. Available at http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/final-lst-methodology-document.pdf?sfvrsn=2. Accessed September 2018.

———. 2010. Interim CEQA GHG Significance Threshold. Available at http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/year-2008-2009/ghg-meeting-15/ghg-meeting-15-minutes.pdf. Accessed September 2018.

———. 2015. Air Quality Significance Thresholds. Available at http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf?sfvrsn=2. Accessed September 2018.

———. 2016. Air Quality Management Plan. Available at http://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan/final-2016-aqmp. Accessed September 2018.

Attachment 1
CalEEMod Files & GHG Emissions Calculations

Construction Air Pollutant Emisisons Summary

Phase	Location	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Demo	On	0.5	4.7	4.2	0.0	2.1	0.6
Demo	Off	0.3	7.3	2.6	0.0	0.6	0.2
		0.9	***12.0***	***6.8***	***0.0***	***2.7***	***0.8***
Grading	On	0.7	7.4	6.7	0.0	0.5	0.4
Grading	Off	0.1	0.6	1.1	0.0	0.3	0.1
		0.8	***8.0***	***7.8***	***0.0***	***0.7***	***0.5***
Trenching	On	0.5	4.7	4.2	0.0	0.3	0.3
Trenching	Off	0.1	0.1	1.0	0.0	0.2	0.1
		0.6	***4.8***	***5.2***	***0.0***	***0.5***	***0.4***
BC	On	0.3	2.7	2.4	0.0	0.2	0.2
BC	Off	0.1	0.3	1.1	0.0	0.2	0.1
		0.4	***3.1***	***3.4***	***0.0***	***0.4***	***0.2***
Paving	On	0.6	6.3	5.5	0.0	0.3	0.3
Paving	Off	0.1	0.1	1.0	0.0	0.2	0.1
		0.7	***6.4***	***6.5***	***0.0***	***0.5***	***0.3***

Construction GHG Emissions Calculations

Phase	Source	lb/day Daily CO2e	Days	Total MTCO2e	
Demo	Equipment	627.3	2.0		1254.6
Demo	Mobile	2133.9	2.0		4267.8
					2.5
Grading	Equipment	950.9	5.0		4754.6
Grading	Mobile	346.2	10.0		3462.0
					3.7
Trenching	Equipment	627.3	7.0		4391.0
Trenching	Mobile	236.3	7.0		1654.4
					2.7
BC	Equipment	317.6	23.0		7304.9
BC	Mobile	291.3	92.0		26796.5
					15.5
Paving	Equipment	890.0	5.0		4450.1
Paving	Mobile	236.3	13.0		3072.4
					3.4
				Total Construction GHG Emissions (MTCO2e)	
					27.9
				Amortized (3 years)	
					9.3

LABOE Bridge Housing - CD10 Western Ave

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	0.30	Acre	0.30	13,068.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2019
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

LABOE Bridge Housing - CD10 Western Ave - Los Angeles-South Coast County, Winter

Project Characteristics - Construction + Operational Trips

Land Use -

Construction Phase - Maximum Daily Activity

Off-road Equipment - Maximum Daily Activity

Off-road Equipment - Maximum Daily Activity

Off-road Equipment - Maximum Daily Activity

Off-road Equipment - Maximum Daily Activity

Off-road Equipment - Maximum Daily Activity

Demolition - Total approximately 420 tons of debris over two days of demolition.

Trips and VMT - Maximum Daily Activity

Vehicle Trips - Approximately 20 total daily trips (LABOE).

Consumer Products -

Energy Use -

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	100.00	1.00
tblConstructionPhase	NumDays	10.00	1.00
tblConstructionPhase	NumDays	2.00	1.00
tblConstructionPhase	NumDays	5.00	1.00
tblConstructionPhase	PhaseEndDate	4/24/2019	12/14/2018
tblConstructionPhase	PhaseEndDate	11/30/2018	11/19/2018
tblConstructionPhase	PhaseEndDate	12/5/2018	11/21/2018
tblConstructionPhase	PhaseEndDate	5/1/2019	12/17/2018

tblConstructionPhase	PhaseEndDate	12/3/2018	12/5/2018
tblConstructionPhase	PhaseStartDate	12/6/2018	12/14/2018
tblConstructionPhase	PhaseStartDate	12/4/2018	11/21/2018
tblConstructionPhase	PhaseStartDate	4/25/2019	12/17/2018
tblConstructionPhase	PhaseStartDate	12/1/2018	12/5/2018
tblOffRoadEquipment	OffRoadEquipmentType	Concrete/Industrial Saws	Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType	Cranes	Aerial Lifts
tblOffRoadEquipment	OffRoadEquipmentType	Graders	Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType	Rollers	Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType	Tractors/Loaders/Backhoes	Rollers
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblTripsAndVMT	HaulingTripNumber	21.00	22.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	20.00
tblTripsAndVMT	WorkerTripNumber	5.00	20.00
tblTripsAndVMT	WorkerTripNumber	10.00	20.00
tblTripsAndVMT	WorkerTripNumber	5.00	20.00
tblTripsAndVMT	WorkerTripNumber	5.00	20.00
tblVehicleTrips	ST_TR	22.75	28.58
tblVehicleTrips	SU_TR	16.74	28.58
tblVehicleTrips	WD_TR	1.89	28.58

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	0.8650	11.9835	7.7971	0.0263	5.1020	0.4673	5.4488	0.8451	0.4300	1.1757	0.0000	2,754.5274	2,754.5274	0.3106	0.0000	2,761.1904
Maximum	**0.8650**	**11.9835**	**7.7971**	**0.0263**	**5.1020**	**0.4673**	**5.4488**	**0.8451**	**0.4300**	**1.1757**	**0.0000**	**2,754.5274**	**2,754.5274**	**0.3106**	**0.0000**	**2,761.1904**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	0.8650	11.9835	7.7971	0.0263	2.3608	0.4673	2.7076	0.4301	0.4300	0.7607	0.0000	2,754.5274	2,754.5274	0.3106	0.0000	2,761.1904
Maximum	**0.8650**	**11.9835**	**7.7971**	**0.0263**	**2.3608**	**0.4673**	**2.7076**	**0.4301**	**0.4300**	**0.7607**	**0.0000**	**2,754.5274**	**2,754.5274**	**0.3106**	**0.0000**	**2,761.1904**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**53.73**	**0.00**	**50.31**	**49.11**	**0.00**	**35.30**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0649	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		7.0000e-005	7.0000e-005	0.0000		7.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0178	0.0843	0.2245	6.7000e-004	0.0525	8.0000e-004	0.0533	0.0140	7.5000e-004	0.0148		67.8448	67.8448	4.1300e-003		67.9480
Total	**0.0827**	**0.0843**	**0.2245**	**6.7000e-004**	**0.0525**	**8.0000e-004**	**0.0533**	**0.0140**	**7.5000e-004**	**0.0148**		**67.8448**	**67.8448**	**4.1300e-003**	**0.0000**	**67.9481**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0649	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		7.0000e-005	7.0000e-005	0.0000		7.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0178	0.0843	0.2245	6.7000e-004	0.0525	8.0000e-004	0.0533	0.0140	7.5000e-004	0.0148		67.8448	67.8448	4.1300e-003		67.9480
Total	**0.0827**	**0.0843**	**0.2245**	**6.7000e-004**	**0.0525**	**8.0000e-004**	**0.0533**	**0.0140**	**7.5000e-004**	**0.0148**		**67.8448**	**67.8448**	**4.1300e-003**	**0.0000**	**67.9481**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	11/19/2018	11/19/2018	5	1	
2	Grading	Grading	11/21/2018	11/21/2018	5	1	
3	Trenching/Utilities	Site Preparation	12/5/2018	12/5/2018	5	1	
4	Building Construction	Building Construction	12/14/2018	12/14/2018	5	1	
5	Paving	Paving	12/17/2018	12/17/2018	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Skid Steer Loaders	2	8.00	65	0.37
Demolition	Generator Sets	1	4.00	84	0.74
Building Construction	Aerial Lifts	1	4.00	63	0.31
Building Construction	Forklifts	2	6.00	89	0.20
Trenching/Utilities	Generator Sets	1	4.00	84	0.74
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Rollers	2	8.00	80	0.38
Trenching/Utilities	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	2	20.00	0.00	22.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching/Utilities	2	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	20.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	3	20.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	2	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4938	0.0000	4.4938	0.6804	0.0000	0.6804			0.0000			0.0000
Off-Road	0.5188	4.6864	4.2103	6.4000e-003		0.3173	0.3173		0.3024	0.3024		624.2932	624.2932	0.1199		627.2894
Total	**0.5188**	**4.6864**	**4.2103**	**6.4000e-003**	**4.4938**	**0.3173**	**4.8111**	**0.6804**	**0.3024**	**0.9828**		**624.2932**	**624.2932**	**0.1199**		**627.2894**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2239	7.2048	1.5733	0.0175	0.3846	0.0276	0.4122	0.1054	0.0264	0.1318		1,894.1190	1,894.1190	0.1378		1,897.5637
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.3462**	**7.2971**	**2.5678**	**0.0199**	**0.6082**	**0.0296**	**0.6377**	**0.1647**	**0.0282**	**0.1929**		**2,130.2341**	**2,130.2341**	**0.1467**		**2,133.9010**

3.2 Demolition - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.7526	0.0000	1.7526	0.2654	0.0000	0.2654			0.0000			0.0000
Off-Road	0.5188	4.6864	4.2103	6.4000e-003		0.3173	0.3173		0.3024	0.3024	0.0000	624.2932	624.2932	0.1199		627.2894
Total	**0.5188**	**4.6864**	**4.2103**	**6.4000e-003**	**1.7526**	**0.3173**	**2.0699**	**0.2654**	**0.3024**	**0.5678**	**0.0000**	**624.2932**	**624.2932**	**0.1199**		**627.2894**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2239	7.2048	1.5733	0.0175	0.3846	0.0276	0.4122	0.1054	0.0264	0.1318		1,894.1190	1,894.1190	0.1378		1,897.5637
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.3462**	**7.2971**	**2.5678**	**0.0199**	**0.6082**	**0.0296**	**0.6377**	**0.1647**	**0.0282**	**0.1929**		**2,130.2341**	**2,130.2341**	**0.1467**		**2,133.9010**

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6989	7.4131	6.6552	9.3800e-003		0.4618	0.4618		0.4248	0.4248		943.5780	943.5780	0.2938		950.9217
Total	**0.6989**	**7.4131**	**6.6552**	**9.3800e-003**		**0.4618**	**0.4618**		**0.4248**	**0.4248**		**943.5780**	**943.5780**	**0.2938**		**950.9217**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4913	0.1473	1.0300e-003	0.0256	3.5100e-003	0.0291	7.3700e-003	3.3600e-003	0.0107		109.6599	109.6599	7.9100e-003		109.8578
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1415**	**0.5837**	**1.1419**	**3.4000e-003**	**0.2492**	**5.5000e-003**	**0.2547**	**0.0667**	**5.2000e-003**	**0.0719**		**345.7751**	**345.7751**	**0.0168**		**346.1951**

3.3 Grading - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6989	7.4131	6.6552	9.3800e-003		0.4618	0.4618		0.4248	0.4248	0.0000	943.5780	943.5780	0.2938		950.9217
Total	**0.6989**	**7.4131**	**6.6552**	**9.3800e-003**		**0.4618**	**0.4618**		**0.4248**	**0.4248**	**0.0000**	**943.5780**	**943.5780**	**0.2938**		**950.9217**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4913	0.1473	1.0300e-003	0.0256	3.5100e-003	0.0291	7.3700e-003	3.3600e-003	0.0107		109.6599	109.6599	7.9100e-003		109.8578
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1415**	**0.5837**	**1.1419**	**3.4000e-003**	**0.2492**	**5.5000e-003**	**0.2547**	**0.0667**	**5.2000e-003**	**0.0719**		**345.7751**	**345.7751**	**0.0168**		**346.1951**

3.4 Trenching/Utilities - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5188	4.6864	4.2103	6.4000e-003		0.3173	0.3173		0.3024	0.3024		624.2932	624.2932	0.1199		627.2894
Total	**0.5188**	**4.6864**	**4.2103**	**6.4000e-003**		**0.3173**	**0.3173**		**0.3024**	**0.3024**		**624.2932**	**624.2932**	**0.1199**		**627.2894**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1223**	**0.0923**	**0.9945**	**2.3700e-003**	**0.2236**	**1.9900e-003**	**0.2256**	**0.0593**	**1.8400e-003**	**0.0611**		**236.1152**	**236.1152**	**8.8900e-003**		**236.3373**

3.4 Trenching/Utilities - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5188	4.6864	4.2103	6.4000e-003		0.3173	0.3173		0.3024	0.3024	0.0000	624.2932	624.2932	0.1199		627.2894
Total	**0.5188**	**4.6864**	**4.2103**	**6.4000e-003**		**0.3173**	**0.3173**		**0.3024**	**0.3024**	**0.0000**	**624.2932**	**624.2932**	**0.1199**		**627.2894**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1223**	**0.0923**	**0.9945**	**2.3700e-003**	**0.2236**	**1.9900e-003**	**0.2256**	**0.0593**	**1.8400e-003**	**0.0611**		**236.1152**	**236.1152**	**8.8900e-003**		**236.3373**

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2882	2.7172	2.3623	3.1300e-003		0.1983	0.1983		0.1824	0.1824		315.1534	315.1534	0.0981		317.6061
Total	**0.2882**	**2.7172**	**2.3623**	**3.1300e-003**		**0.1983**	**0.1983**		**0.1824**	**0.1824**		**315.1534**	**315.1534**	**0.0981**		**317.6061**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.5900e-003	0.2457	0.0737	5.1000e-004	0.0128	1.7500e-003	0.0146	3.6900e-003	1.6800e-003	5.3700e-003		54.8300	54.8300	3.9600e-003		54.9289
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1319**	**0.3380**	**1.0682**	**2.8800e-003**	**0.2364**	**3.7400e-003**	**0.2401**	**0.0630**	**3.5200e-003**	**0.0665**		**290.9452**	**290.9452**	**0.0129**		**291.2662**

3.5 Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2882	2.7172	2.3623	3.1300e-003		0.1983	0.1983		0.1824	0.1824	0.0000	315.1534	315.1534	0.0981		317.6061
Total	**0.2882**	**2.7172**	**2.3623**	**3.1300e-003**		**0.1983**	**0.1983**		**0.1824**	**0.1824**	**0.0000**	**315.1534**	**315.1534**	**0.0981**		**317.6061**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.5900e-003	0.2457	0.0737	5.1000e-004	0.0128	1.7500e-003	0.0146	3.6900e-003	1.6800e-003	5.3700e-003		54.8300	54.8300	3.9600e-003		54.9289
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1319**	**0.3380**	**1.0682**	**2.8800e-003**	**0.2364**	**3.7400e-003**	**0.2401**	**0.0630**	**3.5200e-003**	**0.0665**		**290.9452**	**290.9452**	**0.0129**		**291.2662**

3.6 Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5639	6.2670	5.4628	8.7800e-003		0.3065	0.3065		0.2820	0.2820		883.1380	883.1380	0.2749		890.0113
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5639**	**6.2670**	**5.4628**	**8.7800e-003**		**0.3065**	**0.3065**		**0.2820**	**0.2820**		**883.1380**	**883.1380**	**0.2749**		**890.0113**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1223**	**0.0923**	**0.9945**	**2.3700e-003**	**0.2236**	**1.9900e-003**	**0.2256**	**0.0593**	**1.8400e-003**	**0.0611**		**236.1152**	**236.1152**	**8.8900e-003**		**236.3373**

3.6 Paving - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5639	6.2670	5.4628	8.7800e-003		0.3065	0.3065		0.2820	0.2820	0.0000	883.1380	883.1380	0.2749		890.0113
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5639**	**6.2670**	**5.4628**	**8.7800e-003**		**0.3065**	**0.3065**		**0.2820**	**0.2820**	**0.0000**	**883.1380**	**883.1380**	**0.2749**		**890.0113**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1223**	**0.0923**	**0.9945**	**2.3700e-003**	**0.2236**	**1.9900e-003**	**0.2256**	**0.0593**	**1.8400e-003**	**0.0611**		**236.1152**	**236.1152**	**8.8900e-003**		**236.3373**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0178	0.0843	0.2245	6.7000e-004	0.0525	8.0000e-004	0.0533	0.0140	7.5000e-004	0.0148		67.8448	67.8448	4.1300e-003		67.9480
Unmitigated	0.0178	0.0843	0.2245	6.7000e-004	0.0525	8.0000e-004	0.0533	0.0140	7.5000e-004	0.0148		67.8448	67.8448	4.1300e-003		67.9480

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	8.57	8.57	8.57	24,672	24,672
Total	8.57	8.57	8.57	24,672	24,672

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0649	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		7.0000e-005	7.0000e-005	0.0000		7.0000e-005
Unmitigated	0.0649	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		7.0000e-005	7.0000e-005	0.0000		7.0000e-005

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	7.3100e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0576					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		7.0000e-005	7.0000e-005	0.0000		7.0000e-005
Total	**0.0649**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**7.0000e-005**	**7.0000e-005**	**0.0000**		**7.0000e-005**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	7.3100e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0576					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		7.0000e-005	7.0000e-005	0.0000		7.0000e-005
Total	**0.0649**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**7.0000e-005**	**7.0000e-005**	**0.0000**		**7.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Terry A. Hayes Associates Inc. 310.839.4200 tel
3535 Hayden Avenue, Suite 350 310.839.4201 fax
Culver City, CA 90232
www.webtaha.com

Memorandum

To	Ms. Heloise Froelich Environmental Management Group Bureau of Engineering, Department of Public Works	Pages 4
Subject	Bridge Housing Project (Council District 10 - 1819 S. Western Avenue): Human Health Risk Assessment Technical Memorandum	
From	Anders Sutherland, Terry A. Hayes Associates Inc. (TAHA)	
Date	October 15, 2018	

Introduction

This Technical Memorandum describes potential environmental exposures and human health risks resulting from diesel particulate matter (diesel PM) emissions generated by construction activities associated with the Bridge Housing Project (proposed project) to be located at 1819 South Western Avenue (Council District 10) of the City of Los Angeles, Los Angeles County, California (subject property).

The proposed project consists of a temporary change in property use from a City-owned paved public parking lot with landscaping to a City-owned temporary emergency homeless shelter for no more than three years. The subject property consists of four parcel designated by the Los Angeles County Office of the Assessor as Assessor Parcel Numbers (APN) 5073-013-900 (two tied lots), 5073-013-901 and 5073-013-902 that encompasses approximately 25,506 square feet (0.6 acres). The proposed project would include the addition of a 24-foot by 120-foot trailer (totaling of 2,880 square feet) to the parking lot of the Council Office. The trailer will be equipped with a 15-bed sleeping and lounging area with sink, two offices, 1 employee restroom, 1 resident restroom, and storage/laundry facilities. In addition, outside would be a free-standing area with a shade structure over three picnic tables and a food preparation area that includes a small sink. Also included would be a new pedestrian gate, new chain link fencing and green screen fence on northern edge of site, dog run area, and new landscaping. Nineteen parking spaces will remain to serve the Council Office and shelter staff and operational support services. As discussed in this memorandum, the proposed project will have no significant adverse impacts related to human health risk.

Purpose

The purpose of this Technical Memorandum was to assess the potential for human health risk impacts in accordance with the California Environmental Quality Act (CEQA). The analysis is consistent with methodology established by the South Coast Air Quality Management District (SCAQMD) and the Office of Environmental Health Hazard Assessment (OEHHA).

Emissions Quantification

Air pollutant emissions that would be generated by construction activities were quantified using the California Emissions Estimator Model (CalEEMod, version 2016.3.2). The construction activities are generally anticipated to comprise five phases: demolition, grading, utility trenching, structure erection, and paving. CalEEMod estimates daily air pollutant emissions associated with each phase of construction activity. Sources of air pollutant emissions located on the project site during construction activities will include exhaust from heavy duty equipment and fugitive dust generated by ground disturbance and material movement. This human health risk

assessment (HHRA) focuses on emissions of toxic air contaminants (TAC), specifically diesel PM. Fugitive dust does not contain TAC emissions, and therefore the exhaust emissions from heavy-duty equipment represent the only relevant source of TAC emissions. Heavy-duty construction equipment engines are powered by diesel fuel, which releases diesel PM during internal combustion. The human health risk assessment estimates exposures to diesel PM concentrations at nearby sensitive receptor locations during construction of the proposed project.

CalEEMod was used to calculate daily diesel PM emissions from equipment exhaust during each phase of construction activities. The weighted average daily diesel PM emission rate was calculated for the construction period, equaling approximately 0.10 pounds of diesel PM per eight-hour construction day. When converted to grams of diesel PM emitted per second (g/s) of construction activity, the average continuous emission rate of diesel PM is approximately 0.0016 g/s. This emission rate was used to estimate the average concentrations of diesel PM to which surrounding sensitive receptors would be exposed throughout the duration of construction activities. During hours in which no construction activities would be occurring (i.e., evenings, nights, and weekends), the diesel PM emission rate would be zero.

Exposure Quantification

In order to assess the exposure to nearby sensitive receptors, air quality modeling was completed utilizing the United States Environmental Protection Agency AERMOD version 18081 atmospheric dispersion model. The model simulates air pollutant emissions from various types of sources in simple and complex terrain and estimates concentrations at desired receptor locations. The model offers additional flexibility by allowing the user to assign initial vertical and lateral dispersion parameters for stationary sources. Appropriate model settings were employed according to California Air Pollution Control Officers Association (CAPCOA) and SCAQMD guidance documents to characterize vertical and horizontal dispersion parameters for each emitting source.

The SCAQMD guidance suggests that emissions from construction sites should be modeled using adjacent volume sources to represent plumes from exhaust stacks on equipment, as it is impossible to predict when and where a specific piece of equipment would be operating on a given day throughout the construction period. The SCAQMD guidance recommends using volumes sources with dimensions of 10 meters per side with an initial vertical dimension of 1.4 meters to characterize plume rise upon release and a release height of five meters. A total of 44 volume sources with dimensions of seven meters per side were used to simulate emissions of diesel PM during the eight-hour construction workday. The single-source emission rate attributed to each source input to the model was 3.63×10^{-5} g/s. Variable emission rates were assigned to all 44 sources to limit the emissions to the eight-hour construction day, with no emissions occurring the other 16 hours per weekday or on weekends.

The AERMOD software requires terrain elevation data and local meteorology data files to estimate pollutant concentrations. The AERMOD software requires five years of meteorological data to generate long-term average conditions for chronic pollutant exposures. Meteorological data from the SCAQMD USC-Downtown Los Angeles [KCQT] Station (2012–2016) were used to characterize local weather conditions and prevailing winds. Data from this meteorological station are the most representative of conditions at the site of the proposed project due to surrounding topography. The AERMOD software contains links to National Elevation Dataset (NED) GEOTIFF files at a resolution of approximately 10 meters. The NED GEOTIFF for the project area was selected and used for air dispersion modeling. The human health risk assessment focuses on carcinogenic exposures and risks, which are based on long-term exposures. The five-year period averaging time was selected to determine the average concentration of diesel PM at receptor locations during the five-month construction period.

Sensitive receptors were identified surrounding the project site. Sensitive receptors include residential uses located adjacent to the project site to the north and south, as well as across South Manhattan Place to the southwest, west, and northwest of the property boundary. The OEHHA published a Guidance Manual for Preparation of Health Risk Assessments (OEHHA 2015) to update the standard methodologies for estimating carcinogenic risks and non-carcinogenic hazards to sensitive receptors from environmental emissions. The Guidance Manual states that a human health risk assessment (HHRA) should identify the maximally exposed individual resident (MEIR) to provide the most conservative evaluation of potential exposures. Based on the daily emissions timeframe and the prevailing wind directions, the MEIR was determined to be at the residence situated directly south of the project site. AERMOD estimated that the period average diesel PM concentration to which the MEIR would be exposed is approximately 0.1588 micrograms per cubic meter ($\mu g/m^3$). Although the construction activities are expected to last for approximately five months in total, consultation with the City determined that equipment would not be used for more than three months of this time period.

Risk Characterization

Carcinogenic compounds are not considered to have threshold levels (i.e., dose levels below which there are no risks). Any exposure, therefore, will have some associated risk. As a result, the State of California has established a threshold of 10 in a million as a level posing no significant risk for exposures to carcinogens regulated under the Safe Drinking Water and Toxic Enforcement Act (Proposition 65). Health risks associated with exposure to carcinogenic compounds can be defined in terms of the probability of developing cancer as a result of exposure to a chemical at a given concentration. The carcinogenic risk was calculated based on the latest version of OEHHA Guidance Manual for Preparation of Health Risk Assessments (OEHAA 2015). The cancer risk can be estimated from the following equation:

$$Dose\text{-}air = C_{air} \times \{BR/BW\} \times A \times EF \times 10^{-6}$$

Where:
Dose-air = Dose through inhalation (mg/kg/day)
C_{air} = Concentration in air (µg/m^3)
{BR/BW} = daily breathing rate normalized to body weight [1,090 L/kg-day for infants age 0–2, 745 L/kg-day for children age 3–16, and 335 for adults above age 16]
A = Inhalation absorption factor (unitless) [1.0]
EF = Exposure frequency (unitless), # days/365 days [350 days per year per OEHHA Guidance Manual]

And,

$$Cancer\ Risk = Dose\text{-}air \times CPF \times ASF \times ED/AT$$

Where:
Dose-air = Daily inhalation dose (mg/kg-day)
CPF = Inhalation cancer potency factor (mg/kg-day^{-1})
ASF = Age sensitivity factor for a specified age group (unitless) [3.0 for students and 1.0 for staff]
ED = Exposure duration (in years) for a specified age group [9 year for students and 30 years for staff]
AT = Averaging time for lifetime cancer risk (years) [70 years]

OEHHA has developed Age Sensitivity Factors (ASF) to account for the increased sensitivity to carcinogens during early-in-life exposure. ASF values of 10.0, 3.0, and 1.0 were applied to characterize infant, child, and adult exposures at the residential receptor locations, respectively. ASF values of 3.0 and 1.0 for school staff and students were assigned, respectively. The ASFs were obtained from the Table 8.3 of the OEHHA Guidance Manual. Table 1 presents the parameters used to estimate the cancer risk at the MEIR.

Table 1. Health Risk Assessment Parameters – Residential Receptors

Parameter	Description	Unit	Infant	Child	Adult
C_{air}	Concentration in Air	µg/m^3	0.159	0.159	0.159
EF	Exposure Frequency	350/365	0.96	0.96	0.96
ED	Exposure Duration	years	0.25	0.25	0.25
AT	Averaging Time	years	70	70	70
A	Absorption Coefficient	Unitless	1.0	1.0	1.0
{BR/BW}	Daily Breathing Rate	L/kg-day	1,090	745	335
Dose-air	Daily Dosage	mg/kg-day	1.66×10^{-4}	1.13×10^{-4}	5.10×10^{-5}
FAH	Fraction of Time at Home	unitless	85%	72%	73%
ASF	Age Sensitivity Factor	unitless	10	3	1
CPF	Cancer Potency Factor	1/(mg/kg-day)	1.1	1.1	1.1

Source: TAHA, 2018

Conclusions

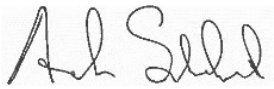
Table 3 presents the maximum human health risk at the MEIR situated directly south of the project site. All cancer risks would be less than the SCAQMD significance threshold of 10 in a million even when assuming continuous exposure at the location of the maximum modeled concentration throughout the duration of construction equipment activity. Sensitive receptors would not be exposed to substantial concentrations of diesel PM resulting from construction of the proposed project. No mitigation is necessary to reduce diesel PM concentrations at sensitive receptor locations.

Table 3. Residential Cancer Risk in One Million Persons

Receptor	Cancer Risk
Infant	5.54
Child	0.96
Adult	0.15
SCAQMD Threshold	10
Exceed Threshold?	**No**

Note: For residences, the Maximally Exposed Individual Resident (MEIR) would be located directly south of the project site.
Source: TAHA, 2018

Prepared by



Anders Sutherland
Environmental Scientist

Attachment 1 – CalEEMod Files
Attachment 2 – AERMOD Reports & Risk Calculations

References

California Air Pollution Control Officers Association (CAPCOA). 2009. Health Risk Assessment for Proposed Land Use Projects. Available at http://www.capcoa.org/wp-content/uploads/downloads/2010/05/CAPCOA_HRA_LU_Guidelines_8-6-09.pdf. Accessed August 2018.

Office of Environmental Health Hazard Assessment (OEHHA). 2015. Guidance Manual for Preparation of Health Risk Assessments, Risk Assessment Guideline. Available at https://oehha.ca.gov/media/downloads/crnr/2015guidancemanual.pdf. Accessed August 2018.

South Coast Air Quality Management District (SCAQMD). 2015. Air Quality Significance Thresholds. Available at http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf?sfvrsn=2. Accessed August 2018.

Attachment 1
CalEEMod Files

LABOE Bridge Housing - CD10 Western Ave

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	0.30	Acre	0.30	13,068.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2019
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

LABOE Bridge Housing - CD10 Western Ave - Los Angeles-South Coast County, Winter

Project Characteristics - Construction + Operational Trips

Land Use -

Construction Phase - Maximum Daily Activity

Off-road Equipment - Maximum Daily Activity

Off-road Equipment - Maximum Daily Activity

Off-road Equipment - Maximum Daily Activity

Off-road Equipment - Maximum Daily Activity

Off-road Equipment - Maximum Daily Activity

Demolition - Total approximately 420 tons of debris over two days of demolition.

Trips and VMT - Maximum Daily Activity

Vehicle Trips - Approximately 20 total daily trips (LABOE).

Consumer Products -

Energy Use -

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	100.00	1.00
tblConstructionPhase	NumDays	10.00	1.00
tblConstructionPhase	NumDays	2.00	1.00
tblConstructionPhase	NumDays	5.00	1.00
tblConstructionPhase	PhaseEndDate	4/24/2019	12/14/2018
tblConstructionPhase	PhaseEndDate	11/30/2018	11/19/2018
tblConstructionPhase	PhaseEndDate	12/5/2018	11/21/2018
tblConstructionPhase	PhaseEndDate	5/1/2019	12/17/2018

tblConstructionPhase	PhaseEndDate	12/3/2018	12/5/2018
tblConstructionPhase	PhaseStartDate	12/6/2018	12/14/2018
tblConstructionPhase	PhaseStartDate	12/4/2018	11/21/2018
tblConstructionPhase	PhaseStartDate	4/25/2019	12/17/2018
tblConstructionPhase	PhaseStartDate	12/1/2018	12/5/2018
tblOffRoadEquipment	OffRoadEquipmentType	Concrete/Industrial Saws	Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType	Cranes	Aerial Lifts
tblOffRoadEquipment	OffRoadEquipmentType	Graders	Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType	Rollers	Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType	Tractors/Loaders/Backhoes	Rollers
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblTripsAndVMT	HaulingTripNumber	21.00	22.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	20.00
tblTripsAndVMT	WorkerTripNumber	5.00	20.00
tblTripsAndVMT	WorkerTripNumber	10.00	20.00
tblTripsAndVMT	WorkerTripNumber	5.00	20.00
tblTripsAndVMT	WorkerTripNumber	5.00	20.00
tblVehicleTrips	ST_TR	22.75	28.58
tblVehicleTrips	SU_TR	16.74	28.58
tblVehicleTrips	WD_TR	1.89	28.58

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	0.8650	11.9835	7.7971	0.0263	5.1020	0.4673	5.4488	0.8451	0.4300	1.1757	0.0000	2,754.5274	2,754.5274	0.3106	0.0000	2,761.1904
Maximum	**0.8650**	**11.9835**	**7.7971**	**0.0263**	**5.1020**	**0.4673**	**5.4488**	**0.8451**	**0.4300**	**1.1757**	**0.0000**	**2,754.5274**	**2,754.5274**	**0.3106**	**0.0000**	**2,761.1904**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	0.8650	11.9835	7.7971	0.0263	2.3608	0.4673	2.7076	0.4301	0.4300	0.7607	0.0000	2,754.5274	2,754.5274	0.3106	0.0000	2,761.1904
Maximum	**0.8650**	**11.9835**	**7.7971**	**0.0263**	**2.3608**	**0.4673**	**2.7076**	**0.4301**	**0.4300**	**0.7607**	**0.0000**	**2,754.5274**	**2,754.5274**	**0.3106**	**0.0000**	**2,761.1904**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**53.73**	**0.00**	**50.31**	**49.11**	**0.00**	**35.30**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0649	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		7.0000e-005	7.0000e-005	0.0000		7.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0178	0.0843	0.2245	6.7000e-004	0.0525	8.0000e-004	0.0533	0.0140	7.5000e-004	0.0148		67.8448	67.8448	4.1300e-003		67.9480
Total	**0.0827**	**0.0843**	**0.2245**	**6.7000e-004**	**0.0525**	**8.0000e-004**	**0.0533**	**0.0140**	**7.5000e-004**	**0.0148**		**67.8448**	**67.8448**	**4.1300e-003**	**0.0000**	**67.9481**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0649	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		7.0000e-005	7.0000e-005	0.0000		7.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0178	0.0843	0.2245	6.7000e-004	0.0525	8.0000e-004	0.0533	0.0140	7.5000e-004	0.0148		67.8448	67.8448	4.1300e-003		67.9480
Total	**0.0827**	**0.0843**	**0.2245**	**6.7000e-004**	**0.0525**	**8.0000e-004**	**0.0533**	**0.0140**	**7.5000e-004**	**0.0148**		**67.8448**	**67.8448**	**4.1300e-003**	**0.0000**	**67.9481**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	11/19/2018	11/19/2018	5	1	
2	Grading	Grading	11/21/2018	11/21/2018	5	1	
3	Trenching/Utilities	Site Preparation	12/5/2018	12/5/2018	5	1	
4	Building Construction	Building Construction	12/14/2018	12/14/2018	5	1	
5	Paving	Paving	12/17/2018	12/17/2018	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Skid Steer Loaders	2	8.00	65	0.37
Demolition	Generator Sets	1	4.00	84	0.74
Building Construction	Aerial Lifts	1	4.00	63	0.31
Building Construction	Forklifts	2	6.00	89	0.20
Trenching/Utilities	Generator Sets	1	4.00	84	0.74
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Rollers	2	8.00	80	0.38
Trenching/Utilities	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	2	20.00	0.00	22.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching/Utilities	2	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	20.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	3	20.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	2	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4938	0.0000	4.4938	0.6804	0.0000	0.6804			0.0000			0.0000
Off-Road	0.5188	4.6864	4.2103	6.4000e-003		0.3173	0.3173		0.3024	0.3024		624.2932	624.2932	0.1199		627.2894
Total	**0.5188**	**4.6864**	**4.2103**	**6.4000e-003**	**4.4938**	**0.3173**	**4.8111**	**0.6804**	**0.3024**	**0.9828**		**624.2932**	**624.2932**	**0.1199**		**627.2894**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2239	7.2048	1.5733	0.0175	0.3846	0.0276	0.4122	0.1054	0.0264	0.1318		1,894.1190	1,894.1190	0.1378		1,897.5637
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.3462**	**7.2971**	**2.5678**	**0.0199**	**0.6082**	**0.0296**	**0.6377**	**0.1647**	**0.0282**	**0.1929**		**2,130.2341**	**2,130.2341**	**0.1467**		**2,133.9010**

3.2 Demolition - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.7526	0.0000	1.7526	0.2654	0.0000	0.2654			0.0000			0.0000
Off-Road	0.5188	4.6864	4.2103	6.4000e-003		0.3173	0.3173		0.3024	0.3024	0.0000	624.2932	624.2932	0.1199		627.2894
Total	**0.5188**	**4.6864**	**4.2103**	**6.4000e-003**	**1.7526**	**0.3173**	**2.0699**	**0.2654**	**0.3024**	**0.5678**	**0.0000**	**624.2932**	**624.2932**	**0.1199**		**627.2894**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2239	7.2048	1.5733	0.0175	0.3846	0.0276	0.4122	0.1054	0.0264	0.1318		1,894.1190	1,894.1190	0.1378		1,897.5637
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.3462**	**7.2971**	**2.5678**	**0.0199**	**0.6082**	**0.0296**	**0.6377**	**0.1647**	**0.0282**	**0.1929**		**2,130.2341**	**2,130.2341**	**0.1467**		**2,133.9010**

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6989	7.4131	6.6552	9.3800e-003		0.4618	0.4618		0.4248	0.4248		943.5780	943.5780	0.2938		950.9217
Total	**0.6989**	**7.4131**	**6.6552**	**9.3800e-003**		**0.4618**	**0.4618**		**0.4248**	**0.4248**		**943.5780**	**943.5780**	**0.2938**		**950.9217**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4913	0.1473	1.0300e-003	0.0256	3.5100e-003	0.0291	7.3700e-003	3.3600e-003	0.0107		109.6599	109.6599	7.9100e-003		109.8578
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1415**	**0.5837**	**1.1419**	**3.4000e-003**	**0.2492**	**5.5000e-003**	**0.2547**	**0.0667**	**5.2000e-003**	**0.0719**		**345.7751**	**345.7751**	**0.0168**		**346.1951**

3.3 Grading - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6989	7.4131	6.6552	9.3800e-003		0.4618	0.4618		0.4248	0.4248	0.0000	943.5780	943.5780	0.2938		950.9217
Total	**0.6989**	**7.4131**	**6.6552**	**9.3800e-003**		**0.4618**	**0.4618**		**0.4248**	**0.4248**	**0.0000**	**943.5780**	**943.5780**	**0.2938**		**950.9217**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4913	0.1473	1.0300e-003	0.0256	3.5100e-003	0.0291	7.3700e-003	3.3600e-003	0.0107		109.6599	109.6599	7.9100e-003		109.8578
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1415**	**0.5837**	**1.1419**	**3.4000e-003**	**0.2492**	**5.5000e-003**	**0.2547**	**0.0667**	**5.2000e-003**	**0.0719**		**345.7751**	**345.7751**	**0.0168**		**346.1951**

3.4 Trenching/Utilities - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5188	4.6864	4.2103	6.4000e-003		0.3173	0.3173		0.3024	0.3024		624.2932	624.2932	0.1199		627.2894
Total	**0.5188**	**4.6864**	**4.2103**	**6.4000e-003**		**0.3173**	**0.3173**		**0.3024**	**0.3024**		**624.2932**	**624.2932**	**0.1199**		**627.2894**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1223**	**0.0923**	**0.9945**	**2.3700e-003**	**0.2236**	**1.9900e-003**	**0.2256**	**0.0593**	**1.8400e-003**	**0.0611**		**236.1152**	**236.1152**	**8.8900e-003**		**236.3373**

3.4 Trenching/Utilities - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5188	4.6864	4.2103	6.4000e-003		0.3173	0.3173		0.3024	0.3024	0.0000	624.2932	624.2932	0.1199		627.2894
Total	**0.5188**	**4.6864**	**4.2103**	**6.4000e-003**		**0.3173**	**0.3173**		**0.3024**	**0.3024**	**0.0000**	**624.2932**	**624.2932**	**0.1199**		**627.2894**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1223**	**0.0923**	**0.9945**	**2.3700e-003**	**0.2236**	**1.9900e-003**	**0.2256**	**0.0593**	**1.8400e-003**	**0.0611**		**236.1152**	**236.1152**	**8.8900e-003**		**236.3373**

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2882	2.7172	2.3623	3.1300e-003		0.1983	0.1983		0.1824	0.1824		315.1534	315.1534	0.0981		317.6061
Total	**0.2882**	**2.7172**	**2.3623**	**3.1300e-003**		**0.1983**	**0.1983**		**0.1824**	**0.1824**		**315.1534**	**315.1534**	**0.0981**		**317.6061**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.5900e-003	0.2457	0.0737	5.1000e-004	0.0128	1.7500e-003	0.0146	3.6900e-003	1.6800e-003	5.3700e-003		54.8300	54.8300	3.9600e-003		54.9289
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1319**	**0.3380**	**1.0682**	**2.8800e-003**	**0.2364**	**3.7400e-003**	**0.2401**	**0.0630**	**3.5200e-003**	**0.0665**		**290.9452**	**290.9452**	**0.0129**		**291.2662**

3.5 Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2882	2.7172	2.3623	3.1300e-003		0.1983	0.1983		0.1824	0.1824	0.0000	315.1534	315.1534	0.0981		317.6061
Total	**0.2882**	**2.7172**	**2.3623**	**3.1300e-003**		**0.1983**	**0.1983**		**0.1824**	**0.1824**	**0.0000**	**315.1534**	**315.1534**	**0.0981**		**317.6061**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.5900e-003	0.2457	0.0737	5.1000e-004	0.0128	1.7500e-003	0.0146	3.6900e-003	1.6800e-003	5.3700e-003		54.8300	54.8300	3.9600e-003		54.9289
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1319**	**0.3380**	**1.0682**	**2.8800e-003**	**0.2364**	**3.7400e-003**	**0.2401**	**0.0630**	**3.5200e-003**	**0.0665**		**290.9452**	**290.9452**	**0.0129**		**291.2662**

3.6 Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5639	6.2670	5.4628	8.7800e-003		0.3065	0.3065		0.2820	0.2820		883.1380	883.1380	0.2749		890.0113
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5639**	**6.2670**	**5.4628**	**8.7800e-003**		**0.3065**	**0.3065**		**0.2820**	**0.2820**		**883.1380**	**883.1380**	**0.2749**		**890.0113**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1223**	**0.0923**	**0.9945**	**2.3700e-003**	**0.2236**	**1.9900e-003**	**0.2256**	**0.0593**	**1.8400e-003**	**0.0611**		**236.1152**	**236.1152**	**8.8900e-003**		**236.3373**

3.6 Paving - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5639	6.2670	5.4628	8.7800e-003		0.3065	0.3065		0.2820	0.2820	0.0000	883.1380	883.1380	0.2749		890.0113
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5639**	**6.2670**	**5.4628**	**8.7800e-003**		**0.3065**	**0.3065**		**0.2820**	**0.2820**	**0.0000**	**883.1380**	**883.1380**	**0.2749**		**890.0113**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1223**	**0.0923**	**0.9945**	**2.3700e-003**	**0.2236**	**1.9900e-003**	**0.2256**	**0.0593**	**1.8400e-003**	**0.0611**		**236.1152**	**236.1152**	**8.8900e-003**		**236.3373**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0178	0.0843	0.2245	6.7000e-004	0.0525	8.0000e-004	0.0533	0.0140	7.5000e-004	0.0148		67.8448	67.8448	4.1300e-003		67.9480
Unmitigated	0.0178	0.0843	0.2245	6.7000e-004	0.0525	8.0000e-004	0.0533	0.0140	7.5000e-004	0.0148		67.8448	67.8448	4.1300e-003		67.9480

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	8.57	8.57	8.57	24,672	24,672
Total	8.57	8.57	8.57	24,672	24,672

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0649	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		7.0000e-005	7.0000e-005	0.0000		7.0000e-005
Unmitigated	0.0649	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		7.0000e-005	7.0000e-005	0.0000		7.0000e-005

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	7.3100e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0576					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		7.0000e-005	7.0000e-005	0.0000		7.0000e-005
Total	**0.0649**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**7.0000e-005**	**7.0000e-005**	**0.0000**		**7.0000e-005**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	7.3100e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0576					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		7.0000e-005	7.0000e-005	0.0000		7.0000e-005
Total	**0.0649**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**7.0000e-005**	**7.0000e-005**	**0.0000**		**7.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Attachment 2
AERMOD Reports & Risk Calculations

Human Health Risk Calculation

Resident	Concentration (ug/m3)	BR/BW	Conversion Factor CF	A	Exposure Frequency EF (350 days/365 days)	[Pollutant] * (BR/BW) * CF * A * EF Dose (mg/kg/d)	Age Sensitivity Factor ASF	Fraction of Time at Home FAH	Cancer Potency Factor (kg-day/mg)	Exposure Duration ED (years)	Averaging Time AT (Years)	Dose * ASF * FAH * CPF * ED/AT * 1,000,000 Risk (per million)
Infant	0.1588	1090	0.000001	1	0.96	1.66E-04	10	0.85	1.1	0.25	70	**5.54**
Child	0.1588	745	0.000001	1	0.96	1.13E-04	3	0.72	1.1	0.25	70	**0.96**
Adult	0.1588	335	0.000001	1	0.96	5.10E-05	1	0.73	1.1	0.25	70	**0.15**

AERMOD Source Emission Rate Calculation

Phase	Start Date	End Date	Work Days	Equipment Usage Days	DPM Emissions (lb/day)	Total DPM Emissions (lb)
Demolition	11/19/2018	11/20/2018	2	2	0.3173	0.6346
Grading	11/21/2018	12/4/2018	10	5	0.4618	2.309
Trenching	12/5/2018	12/13/2018	7	7	0.3173	2.2211
Construction	12/14/2018	4/22/2019	92	23	0.1983	4.5609
Paving	12/17/2018	1/2/2019	13	5	0.3065	1.5325

Total Work Days
111

Total Project DPM (lb)
11.2581

Daily DPM (lb/8-hr-day)
0.1014

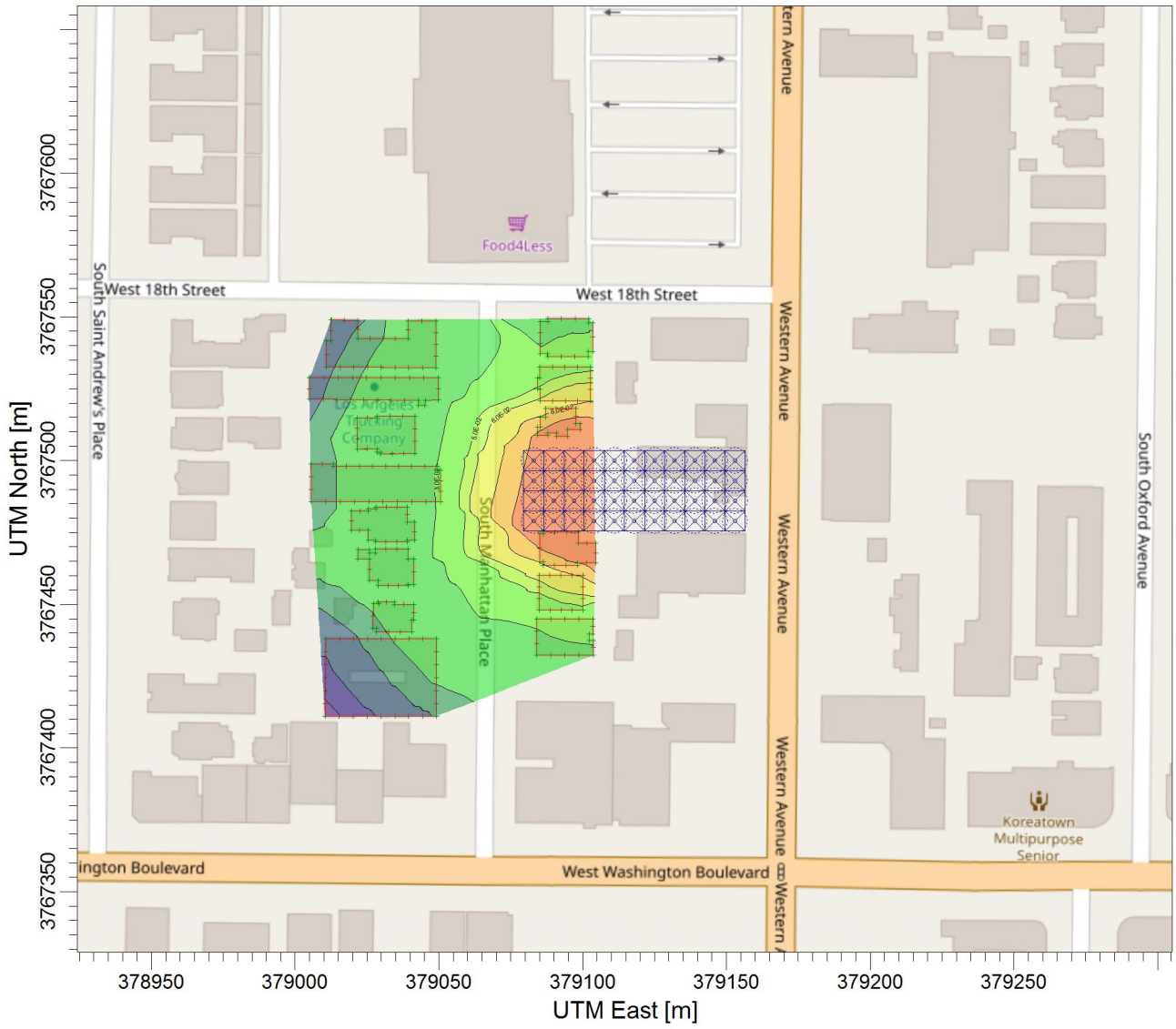
Work Hour Rate (g/s)
0.0016

# of AERMOD Sources
44

Work Hour Rate per Source (g/s)
3.63E-05

PROJECT TITLE:

LABOE Bridge Housing - CD-10 Western Ave
Construction-Related Diesel PM Concentrations



PLOT FILE OF PERIOD VALUES AVERAGED ACROSS 0 YEARS FOR SOURCE GROUP: ALL ug/m^3

Max: 1.6E-01 [ug/m^3] at (379094.39, 3767475.07)

4.6E-03 5.0E-03 6.0E-03 8.0E-03 1.0E-02 3.0E-02 5.0E-02 6.0E-02 8.0E-02 1.0E-01 1.6E-01

COMMENTS:	SOURCES: 44	COMPANY NAME: TAHA	
	RECEPTORS: 302	MODELER: Anders Sutherland	taha environmental planners
	OUTPUT TYPE: Concentration	SCALE: 1:2,395 — 0 — 0.05 km	
	MAX: 1.6E-01 ug/m^3	DATE: 10/11/2018	PROJECT NO.:

Results Summary

C:\~Local TAHA Files\2018-043 LABOE CD10 Western\BH_Western\BH_Weste

PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	1.81474	ug/m^3	379087.95	3767509.55	62.60	2.00	62.60	11/29/2012, 16
PERIOD		0.15880	ug/m^3	379094.39	3767475.07	62.81	2.00	62.81	

Control Pathway

Dispersion Options

Titles

C:\~Local TAHA Files\2018-043 LABOE CD10 Western\BH_Western\BH_Weste

Dispersion Options

☑ Regulatory Default ☐ Non-Default Options

Dispersion Coefficient

Urban

Population:
Name (Optional):
Roughness Length:

Output Type

☑ Concentration
☐ Total Deposition (Dry & Wet)
☐ Dry Deposition
☐ Wet Deposition

Plume Depletion

☐ Dry Removal
☐ Wet Removal

Output Warnings

☐ No Output Warnings
☐ Non-fatal Warnings for Non-sequential Met Data

Pollutant / Averaging Time / Terrain Options

Pollutant Type

PM10

Averaging Time Options

Hours ☑ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 6 ☐ 8 ☐ 12 ☐ 24

☐ Month ☑ Period ☐ Annual

Exponential Decay

Half-life of 4 hours will be used

Terrain Height Options

☐ Flat ☑ Elevated

SO: Meters
RE: Meters
TG: Meters

Flagpole Receptors

☑ Yes ☐ No

Default Height = 2.00 m

Control Pathway

Optional Files

Re-Start File	Init File	Multi-Year Analyses	Event Input File	Error Listing File
☐	☐	☐	☐	■

Detailed Error Listing File

Filename: BH_Western.err

Meteorology Pathway

AERMOD

Met Input Data

Surface Met Data

Filename: ..\..\~Resources & References\SCAQMD\met data\KCQT\KCQT_V9_ADJU\KCQT_v9.SFC
Format Type: Default AERMET format

Profile Met Data

Filename: ..\..\~Resources & References\SCAQMD\met data\KCQT\KCQT_V9_ADJU\KCQT_v9.PFL
Format Type: Default AERMET format

Wind Speed

☐ Wind Speeds are Vector Mean (Not Scalar Means)

Wind Direction

Rotation Adjustment [deg]:

Potential Temperature Profile

Base Elevation above MSL (for Primary Met Tower): 55.00 [m]

Meteorological Station Data

Stations	Station No.	Year	X Coordinate [m]	Y Coordinate [m]	Station Name
Surface		2012			
Upper Air		2012			

Data Period

Data Period to Process

Start Date: 1/1/2012 Start Hour: 1 End Date: 12/31/2016 End Hour: 24

Wind Speed Categories

Stability Category	Wind Speed [m/s]	Stability Category	Wind Speed [m/s]
A	1.54	D	8.23
B	3.09	E	10.8
C	5.14	F	No Upper Bound

Receptor Pathway

Receptor Networks

Note: Terrain Elavations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

Discrete Receptors

Plant Boundary Receptors

Receptor Pathway

Cartesian Plant Boundary

Primary

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	379084.32	3767508.77	FENCEPRI	62.52	
2	379087.89	3767508.77	FENCEPRI	62.60	
3	379087.95	3767509.55	FENCEPRI	62.60	
4	379091.01	3767509.55	FENCEPRI	62.67	
5	379091.01	3767508.49	FENCEPRI	62.67	
6	379094.75	3767508.49	FENCEPRI	62.74	
7	379094.75	3767510.83	FENCEPRI	62.73	
8	379099.10	3767510.83	FENCEPRI	62.81	
9	379099.10	3767512.89	FENCEPRI	62.81	
10	379097.71	3767512.89	FENCEPRI	62.79	
11	379097.71	3767518.19	FENCEPRI	62.78	
12	379087.17	3767518.19	FENCEPRI	62.61	
13	379087.17	3767515.07	FENCEPRI	62.59	
14	379085.38	3767515.07	FENCEPRI	62.55	
15	379085.38	3767511.61	FENCEPRI	62.54	
16	379084.21	3767511.61	FENCEPRI	62.52	
17	379085.22	3767520.82	FENCEPRI	62.60	
18	379102.73	3767520.82	FENCEPRI	62.83	
19	379102.66	3767532.62	FENCEPRI	62.84	
20	379085.14	3767532.62	FENCEPRI	62.66	
21	379085.14	3767528.84	FENCEPRI	62.64	
22	379084.37	3767528.77	FENCEPRI	62.63	
23	379084.37	3767524.98	FENCEPRI	62.61	
24	379085.22	3767524.91	FENCEPRI	62.62	
25	379087.84	3767536.17	FENCEPRI	62.68	
26	379101.96	3767536.17	FENCEPRI	62.82	
27	379101.88	3767538.03	FENCEPRI	62.82	
28	379103.58	3767538.10	FENCEPRI	62.83	
29	379103.58	3767547.90	FENCEPRI	62.75	
30	379102.04	3767547.90	FENCEPRI	62.74	
31	379102.12	3767549.29	FENCEPRI	62.71	
32	379087.84	3767549.29	FENCEPRI	62.55	
33	379087.84	3767548.29	FENCEPRI	62.58	
34	379085.29	3767548.29	FENCEPRI	62.57	
35	379085.37	3767537.10	FENCEPRI	62.67	
36	379087.76	3767537.18	FENCEPRI	62.68	
37	379085.04	3767474.43	FENCEPRI	62.62	
38	379086.38	3767474.43	FENCEPRI	62.67	
39	379086.38	3767475.07	FENCEPRI	62.67	

40	379098.40	3767475.07	FENCEPRI	62.75	
41	379098.40	3767471.20	FENCEPRI	62.67	
42	379104.45	3767471.20	FENCEPRI	62.72	
43	379104.48	3767464.47	FENCEPRI	62.72	
44	379098.28	3767464.47	FENCEPRI	62.70	
45	379098.31	3767463.57	FENCEPRI	62.71	
46	379086.20	3767463.57	FENCEPRI	62.60	
47	379086.23	3767464.71	FENCEPRI	62.61	
48	379085.07	3767464.71	FENCEPRI	62.58	
49	379084.80	3767460.19	FENCEPRI	62.59	
50	379100.08	3767460.19	FENCEPRI	62.73	
51	379100.08	3767447.99	FENCEPRI	62.74	
52	379084.93	3767447.99	FENCEPRI	62.66	
53	379084.11	3767444.96	FENCEPRI	62.66	
54	379103.63	3767444.96	FENCEPRI	62.69	
55	379103.59	3767439.55	FENCEPRI	62.68	
56	379102.36	3767439.55	FENCEPRI	62.69	
57	379102.39	3767437.50	FENCEPRI	62.70	
58	379103.66	3767437.50	FENCEPRI	62.70	
59	379103.66	3767432.26	FENCEPRI	62.74	
60	379084.00	3767432.26	FENCEPRI	62.67	
61	379012.68	3767548.85	FENCEPRI	62.02	
62	379021.73	3767548.82	FENCEPRI	62.11	
63	379021.73	3767542.39	FENCEPRI	62.23	
64	379039.26	3767542.39	FENCEPRI	62.28	
65	379039.29	3767548.56	FENCEPRI	62.17	
66	379049.07	3767548.59	FENCEPRI	62.13	
67	379049.04	3767532.41	FENCEPRI	62.25	
68	379010.90	3767532.44	FENCEPRI	62.15	
69	379010.93	3767541.58	FENCEPRI	62.09	
70	379012.48	3767541.58	FENCEPRI	62.11	
71	379012.48	3767548.91	FENCEPRI	62.02	
72	379005.07	3767528.88	FENCEPRI	62.09	
73	379049.75	3767528.81	FENCEPRI	62.24	
74	379049.75	3767521.07	FENCEPRI	62.27	
75	379045.29	3767521.00	FENCEPRI	62.24	
76	379045.22	3767519.17	FENCEPRI	62.25	
77	379042.80	3767519.17	FENCEPRI	62.23	
78	379042.80	3767520.87	FENCEPRI	62.22	
79	379005.07	3767521.33	FENCEPRI	62.05	
80	379021.58	3767514.78	FENCEPRI	62.08	
81	379028.44	3767514.78	FENCEPRI	62.09	
82	379028.44	3767515.45	FENCEPRI	62.09	

83	379041.77	3767515.45	FENCEPRI	62.24	
84	379041.77	3767502.45	FENCEPRI	62.40	
85	379029.67	3767502.40	FENCEPRI	62.19	
86	379029.67	3767502.96	FENCEPRI	62.19	
87	379028.44	3767502.96	FENCEPRI	62.17	
88	379028.44	3767504.07	FENCEPRI	62.17	
89	379021.69	3767504.01	FENCEPRI	62.06	
90	379005.50	3767498.78	FENCEPRI	61.88	
91	379013.30	3767498.78	FENCEPRI	61.99	
92	379013.30	3767498.01	FENCEPRI	62.00	
93	379049.65	3767498.01	FENCEPRI	62.33	
94	379049.65	3767496.62	FENCEPRI	62.34	
95	379050.66	3767496.62	FENCEPRI	62.33	
96	379050.58	3767485.66	FENCEPRI	62.37	
97	379005.65	3767485.66	FENCEPRI	61.98	
98	379019.65	3767482.39	FENCEPRI	62.07	
99	379025.53	3767482.34	FENCEPRI	62.16	
100	379025.49	3767483.34	FENCEPRI	62.16	
101	379028.05	3767483.34	FENCEPRI	62.19	
102	379028.00	3767483.81	FENCEPRI	62.18	
103	379039.00	3767483.81	FENCEPRI	62.32	
104	379039.04	3767478.65	FENCEPRI	62.35	
105	379041.51	3767478.65	FENCEPRI	62.37	
106	379041.46	3767472.20	FENCEPRI	62.39	
107	379039.14	3767472.20	FENCEPRI	62.38	
108	379039.09	3767471.63	FENCEPRI	62.38	
109	379027.90	3767471.63	FENCEPRI	62.19	
110	379027.90	3767472.34	FENCEPRI	62.19	
111	379025.44	3767472.34	FENCEPRI	62.10	
112	379025.39	3767475.75	FENCEPRI	62.11	
113	379019.61	3767475.71	FENCEPRI	61.96	
114	379021.99	3767468.97	FENCEPRI	62.00	
115	379025.86	3767468.97	FENCEPRI	62.12	
116	379025.86	3767467.77	FENCEPRI	62.13	
117	379027.85	3767467.81	FENCEPRI	62.19	
118	379027.85	3767469.25	FENCEPRI	62.19	
119	379039.22	3767469.21	FENCEPRI	62.39	
120	379039.22	3767465.79	FENCEPRI	62.39	
121	379041.35	3767465.79	FENCEPRI	62.39	
122	379041.35	3767456.81	FENCEPRI	62.40	
123	379039.15	3767456.85	FENCEPRI	62.41	
124	379039.15	3767456.47	FENCEPRI	62.41	
125	379028.81	3767456.47	FENCEPRI	62.29	

126	379028.81	3767458.32	FENCEPRI	62.27	
127	379025.79	3767458.32	FENCEPRI	62.21	
128	379025.79	3767465.79	FENCEPRI	62.13	
129	379021.85	3767465.79	FENCEPRI	62.02	
130	379027.21	3767450.16	FENCEPRI	62.33	
131	379029.04	3767450.16	FENCEPRI	62.36	
132	379028.98	3767450.88	FENCEPRI	62.35	
133	379034.56	3767450.88	FENCEPRI	62.40	
134	379034.56	3767449.89	FENCEPRI	62.41	
135	379041.18	3767449.89	FENCEPRI	62.42	
136	379041.18	3767444.45	FENCEPRI	62.43	
137	379040.59	3767444.45	FENCEPRI	62.44	
138	379040.59	3767440.44	FENCEPRI	62.47	
139	379028.39	3767440.44	FENCEPRI	62.46	
140	379028.39	3767441.69	FENCEPRI	62.45	
141	379027.01	3767441.69	FENCEPRI	62.43	
142	379010.74	3767438.06	FENCEPRI	62.32	
143	379049.20	3767437.99	FENCEPRI	62.38	
144	379049.23	3767411.06	FENCEPRI	62.52	
145	379010.47	3767411.06	FENCEPRI	62.53	

Intermediate

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	379097.71	3767515.54	FENCEINT	62.79	
2	379094.20	3767518.19	FENCEINT	62.73	
3	379090.68	3767518.19	FENCEINT	62.67	
4	379089.60	3767520.82	FENCEINT	62.68	
5	379093.98	3767520.82	FENCEINT	62.74	
6	379098.35	3767520.82	FENCEINT	62.79	
7	379102.71	3767524.75	FENCEINT	62.83	
8	379102.68	3767528.69	FENCEINT	62.83	
9	379098.28	3767532.62	FENCEINT	62.79	
10	379093.90	3767532.62	FENCEINT	62.75	
11	379089.52	3767532.62	FENCEINT	62.70	
12	379092.55	3767536.17	FENCEINT	62.72	
13	379097.25	3767536.17	FENCEINT	62.77	
14	379103.58	3767543.00	FENCEINT	62.82	
15	379097.36	3767549.29	FENCEINT	62.65	
16	379092.60	3767549.29	FENCEINT	62.58	
17	379085.32	3767544.56	FENCEINT	62.68	
18	379085.34	3767540.83	FENCEINT	62.67	

19	379090.39	3767475.07	FENCEINT	62.81	
20	379094.39	3767475.07	FENCEINT	62.81	
21	379101.43	3767471.20	FENCEINT	62.66	
22	379104.47	3767467.84	FENCEINT	62.72	
23	379101.38	3767464.47	FENCEINT	62.71	
24	379094.27	3767463.57	FENCEINT	62.70	
25	379090.24	3767463.57	FENCEINT	62.67	
26	379085.06	3767469.57	FENCEINT	62.60	
27	379088.62	3767460.19	FENCEINT	62.65	
28	379092.44	3767460.19	FENCEINT	62.70	
29	379096.26	3767460.19	FENCEINT	62.71	
30	379100.08	3767456.12	FENCEINT	62.75	
31	379100.08	3767452.06	FENCEINT	62.77	
32	379096.29	3767447.99	FENCEINT	62.75	
33	379092.51	3767447.99	FENCEINT	62.75	
34	379088.72	3767447.99	FENCEINT	62.72	
35	379084.89	3767452.06	FENCEINT	62.64	
36	379084.84	3767456.12	FENCEINT	62.61	
37	379088.99	3767444.96	FENCEINT	62.71	
38	379093.87	3767444.96	FENCEINT	62.73	
39	379098.75	3767444.96	FENCEINT	62.73	
40	379103.61	3767442.26	FENCEINT	62.67	
41	379103.66	3767434.88	FENCEINT	62.72	
42	379098.75	3767432.26	FENCEINT	62.73	
43	379093.83	3767432.26	FENCEINT	62.72	
44	379088.92	3767432.26	FENCEINT	62.71	
45	379084.04	3767436.49	FENCEINT	62.67	
46	379084.07	3767440.73	FENCEINT	62.68	
47	379017.21	3767548.84	FENCEINT	62.07	
48	379021.73	3767545.61	FENCEINT	62.17	
49	379026.11	3767542.39	FENCEINT	62.27	
50	379030.50	3767542.39	FENCEINT	62.29	
51	379034.88	3767542.39	FENCEINT	62.29	
52	379039.28	3767545.48	FENCEINT	62.23	
53	379044.18	3767548.58	FENCEINT	62.15	
54	379049.06	3767544.55	FENCEINT	62.15	
55	379049.06	3767540.50	FENCEINT	62.20	
56	379049.05	3767536.46	FENCEINT	62.24	
57	379044.27	3767532.41	FENCEINT	62.31	
58	379039.51	3767532.42	FENCEINT	62.35	
59	379034.74	3767532.42	FENCEINT	62.35	

60	379029.97	3767532.43	FENCEINT	62.35	
61	379025.20	3767532.43	FENCEINT	62.34	
62	379020.44	3767532.43	FENCEINT	62.28	
63	379015.67	3767532.44	FENCEINT	62.20	
64	379010.92	3767537.01	FENCEINT	62.14	
65	379012.48	3767545.25	FENCEINT	62.07	
66	379010.03	3767528.87	FENCEINT	62.14	
67	379015.00	3767528.86	FENCEINT	62.17	
68	379019.96	3767528.86	FENCEINT	62.22	
69	379024.93	3767528.85	FENCEINT	62.25	
70	379029.89	3767528.84	FENCEINT	62.27	
71	379034.86	3767528.83	FENCEINT	62.28	
72	379039.82	3767528.83	FENCEINT	62.28	
73	379044.79	3767528.82	FENCEINT	62.26	
74	379049.75	3767524.94	FENCEINT	62.24	
75	379038.08	3767520.93	FENCEINT	62.19	
76	379033.37	3767520.99	FENCEINT	62.15	
77	379028.65	3767521.04	FENCEINT	62.14	
78	379023.94	3767521.10	FENCEINT	62.14	
79	379019.22	3767521.16	FENCEINT	62.12	
80	379014.50	3767521.22	FENCEINT	62.10	
81	379009.79	3767521.27	FENCEINT	62.08	
82	379005.07	3767525.11	FENCEINT	62.08	
83	379025.01	3767514.78	FENCEINT	62.10	
84	379032.88	3767515.45	FENCEINT	62.10	
85	379037.33	3767515.45	FENCEINT	62.17	
86	379041.77	3767511.12	FENCEINT	62.29	
87	379041.77	3767506.78	FENCEINT	62.36	
88	379037.74	3767502.43	FENCEINT	62.35	
89	379033.70	3767502.42	FENCEINT	62.27	
90	379025.07	3767504.04	FENCEINT	62.11	
91	379021.65	3767507.60	FENCEINT	62.07	
92	379021.62	3767511.19	FENCEINT	62.08	
93	379009.40	3767498.78	FENCEINT	61.93	
94	379017.84	3767498.01	FENCEINT	62.06	
95	379022.39	3767498.01	FENCEINT	62.11	
96	379026.93	3767498.01	FENCEINT	62.18	
97	379031.48	3767498.01	FENCEINT	62.24	
98	379036.02	3767498.01	FENCEINT	62.32	
99	379040.56	3767498.01	FENCEINT	62.39	
100	379045.11	3767498.01	FENCEINT	62.37	

101	379050.63	3767492.97	FENCEINT	62.34	
102	379050.61	3767489.31	FENCEINT	62.35	
103	379045.59	3767485.66	FENCEINT	62.38	
104	379040.60	3767485.66	FENCEINT	62.35	
105	379035.60	3767485.66	FENCEINT	62.28	
106	379030.61	3767485.66	FENCEINT	62.21	
107	379025.62	3767485.66	FENCEINT	62.17	
108	379020.63	3767485.66	FENCEINT	62.11	
109	379015.63	3767485.66	FENCEINT	62.04	
110	379010.64	3767485.66	FENCEINT	62.00	
111	379005.60	3767490.03	FENCEINT	61.93	
112	379005.55	3767494.41	FENCEINT	61.88	
113	379022.59	3767482.37	FENCEINT	62.12	
114	379031.67	3767483.81	FENCEINT	62.21	
115	379035.33	3767483.81	FENCEINT	62.27	
116	379039.02	3767481.23	FENCEINT	62.33	
117	379041.49	3767475.43	FENCEINT	62.38	
118	379035.36	3767471.63	FENCEINT	62.36	
119	379031.63	3767471.63	FENCEINT	62.33	
120	379022.50	3767475.73	FENCEINT	62.02	
121	379019.63	3767479.05	FENCEINT	62.02	
122	379031.64	3767469.24	FENCEINT	62.32	
123	379035.43	3767469.22	FENCEINT	62.35	
124	379041.35	3767461.30	FENCEINT	62.39	
125	379035.70	3767456.47	FENCEINT	62.38	
126	379032.26	3767456.47	FENCEINT	62.35	
127	379025.79	3767462.06	FENCEINT	62.15	
128	379031.77	3767450.88	FENCEINT	62.39	
129	379037.87	3767449.89	FENCEINT	62.42	
130	379041.18	3767447.17	FENCEINT	62.43	
131	379036.52	3767440.44	FENCEINT	62.49	
132	379032.46	3767440.44	FENCEINT	62.49	
133	379027.11	3767445.93	FENCEINT	62.38	
134	379015.55	3767438.05	FENCEINT	62.35	
135	379020.36	3767438.04	FENCEINT	62.39	
136	379025.16	3767438.03	FENCEINT	62.43	
137	379029.97	3767438.03	FENCEINT	62.49	
138	379034.78	3767438.02	FENCEINT	62.50	
139	379039.59	3767438.01	FENCEINT	62.50	
140	379044.39	3767438.00	FENCEINT	62.44	
141	379049.21	3767433.50	FENCEINT	62.42	

142	379049.21	3767429.01	FENCEINT	62.44	
143	379049.22	3767424.53	FENCEINT	62.45	
144	379049.22	3767420.04	FENCEINT	62.47	
145	379049.23	3767415.55	FENCEINT	62.49	
146	379044.39	3767411.06	FENCEINT	62.54	
147	379039.54	3767411.06	FENCEINT	62.51	
148	379034.70	3767411.06	FENCEINT	62.47	
149	379029.85	3767411.06	FENCEINT	62.44	
150	379025.01	3767411.06	FENCEINT	62.48	
151	379020.16	3767411.06	FENCEINT	62.50	
152	379015.32	3767411.06	FENCEINT	62.50	
153	379010.52	3767415.56	FENCEINT	62.50	
154	379010.56	3767420.06	FENCEINT	62.45	
155	379010.61	3767424.56	FENCEINT	62.43	
156	379010.65	3767429.06	FENCEINT	62.44	
157	379010.70	3767433.56	FENCEINT	62.43	

Receptor Groups

Record Number	Group ID	Group Description
1	UCART1	Receptors generated from Uniform Cartesian Grid
2	FENCEPRI	Cartesian plant boundary Primary Receptors
3	FENCEINT	Cartesian plant boundary Intermediate Receptors

Source Pathway - Source Inputs

AERMOD

Source Pathway - Source Inputs

Volume Sources

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dim. [m]	Initial Vertical Dim. [m]
VOLUME	1	379083.00	3767479.00	62.60	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	2	379090.00	3767479.00	62.81	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	3	379097.00	3767479.00	62.89	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	4	379104.00	3767479.00	63.01	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	5	379111.00	3767479.00	63.16	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	6	379118.00	3767479.00	63.29	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	7	379125.00	3767479.00	63.44	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	8	379132.00	3767479.00	63.42	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	9	379139.00	3767479.00	63.39	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	10	379146.00	3767479.00	63.34	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	11	379153.00	3767479.00	63.26	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	12	379083.00	3767486.00	62.63	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	13	379090.00	3767486.00	62.81	5.00	0.00004	7.00	Surface-Based	1.63	1.40

Source Pathway - Source Inputs

AERMOD

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dim. [m]	Initial Vertical Dim. [m]
VOLUME	14	379097.00	3767486.00	62.98	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	15	379104.00	3767486.00	63.15	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	16	379111.00	3767486.00	63.34	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	17	379118.00	3767486.00	63.50	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	18	379125.00	3767486.00	63.53	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	19	379132.00	3767486.00	63.47	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	20	379139.00	3767486.00	63.41	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	21	379146.00	3767486.00	63.36	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	22	379153.00	3767486.00	63.28	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	23	379083.00	3767493.00	62.60	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	24	379090.00	3767493.00	62.76	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	25	379097.00	3767493.00	62.92	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	26	379104.00	3767493.00	63.09	5.00	0.00004	7.00	Surface-Based	1.63	1.40

Source Pathway - Source Inputs

AERMOD

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dim. [m]	Initial Vertical Dim. [m]
VOLUME	27	379111.00	3767493.00	63.29	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	28	379118.00	3767493.00	63.47	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	29	379125.00	3767493.00	63.52	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	30	379132.00	3767493.00	63.51	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	31	379139.00	3767493.00	63.45	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	32	379146.00	3767493.00	63.39	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	33	379153.00	3767493.00	63.31	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	34	379083.00	3767500.00	62.53	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	35	379090.00	3767500.00	62.70	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	36	379097.00	3767500.00	62.83	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	37	379104.00	3767500.00	63.06	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	38	379111.00	3767500.00	63.33	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	39	379118.00	3767500.00	63.42	5.00	0.00004	7.00	Surface-Based	1.63	1.40

Source Pathway - Source Inputs

AERMOD

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dim. [m]	Initial Vertical Dim. [m]
VOLUME	40	379125.00	3767500.00	63.19	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	41	379132.00	3767500.00	63.21	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	42	379139.00	3767500.00	63.22	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	43	379146.00	3767500.00	63.21	5.00	0.00004	7.00	Surface-Based	1.63	1.40
VOLUME	44	379153.00	3767500.00	63.17	5.00	0.00004	7.00	Surface-Based	1.63	1.40

Source Pathway

Building Downwash Information

Option not in use

Emission Rate Units for Output

For Concentration

Unit Factor:	1E6
Emission Unit Label:	GRAMS/SEC
Concentration Unit Label:	MICROGRAMS/M**3

Variable Emissions

Source Pathway

Hour / Day-of-Week Emission Rate Variation

Scenario: WORK

Source ID: 1

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 2

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source Pathway

Scenario: WORK

Source ID: 3

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 4

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 5

Source Pathway

Scenario: WORK

Source ID: 5

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 6

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 7

Source Pathway

AERMOD

Scenario: WORK

Source ID: 7

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 8

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 9

Source Pathway

Scenario: WORK

Source ID: 9

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 10

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 11

Source Pathway

AERMOD

Scenario: WORK

Source ID: 11

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 12

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 13

Source Pathway

Scenario: WORK

Source ID: 13

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 14

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 15

Source Pathway

Scenario: WORK

Source ID: 15

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 16

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 17

Source Pathway

Scenario: WORK

Source ID: 17

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 18

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 19

Source Pathway

Scenario: WORK

Source ID: 19

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 20

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 21

Source Pathway

Scenario: WORK

Source ID: 21

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 22

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 23

Source Pathway

Scenario: WORK

Source ID: 23

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 24

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 25

Source Pathway

Scenario: WORK

Source ID: 25

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 26

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 27

Source Pathway

Scenario: WORK

Source ID: 27

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 28

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 29

Source Pathway

Scenario: WORK

Source ID: 29

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 30

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 31

Source Pathway

Scenario: WORK

Source ID: 31

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 32

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 33

Source Pathway

Scenario: WORK

Source ID: 33

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 34

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 35

Source Pathway

Scenario: WORK

Source ID: 35

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 36

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 37

Source Pathway

Scenario: WORK

Source ID: 37

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 38

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 39

Source Pathway

Scenario: WORK

Source ID: 39

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 40

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 41

Source Pathway

Scenario: WORK

Source ID: 41

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 42

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 43

Source Pathway

Scenario: WORK

Source ID: 43

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: 44

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
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2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
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22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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ATTACHMENT C – BIOLOGICAL INFORMATION

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AECOM
300 S Grand Avenue,
Los Angeles, CA 90071
www.aecom.com

213.593.8100 tel
213.593.8053 fax

Memorandum

To	Ms. Heloise Froelich Environmental Management Group Bureau of Engineering, Department of Public Works Pages 8
Subject	Bridge Housing Project (Council District 10 – 1819 S. Western Avenue): Biological Resources Technical Memorandum
From	Arthur Popp, AECOM
Date	October 15, 2018

Introduction

This technical memorandum describes the biological resources associated with the Bridge Housing Project (proposed project) to be located at 1819 South Western Avenue in the Hollywood community (Council District 10) of the City of Los Angeles (City), Los Angeles County, California. The proposed project consists of a temporary change in property use from a City-owned paved public parking lot with minimal landscaping to a City-owned temporary emergency homeless shelter for no more than three years. The site property is a publicly-owned parking lot which is part of the larger parking lot used by the Council District 10 office. Addresses that comprise the entire Project site include 1819 and 1825 S. Western Avenue and 1818 to 1826 South Manhattan Place. Associated Assessor Parcel Nos. (APNs) are 5073-013-900 (two tied lots), 5073-013-901 and 5073-013-902. The project site is comprised of four (4) lots that total approximately 25,506 square feet (SF), including the Council Office building.

The proposed project would include the addition of a 24-foot by 120-foot trailer (total of 2,880 square feet) to the Council Office's parking lot. The trailer will be equipped with a 15-bed sleeping and lounging area with sink, two offices, one employee restroom, one resident restroom, and storage/laundry facilities. In addition, a free-standing area with a shade structure over three picnic tables and a food preparation area with a small sink will be installed. Also included is a new pedestrian gate, new chain link fencing and green screen fencing on the north edge of the site, a dog run area, and new landscaping. Nineteen parking spaces will remain to serve the Council District office, shelter staff, and operational support services.

Purpose

The purpose of this memorandum is to document the biological resources occurring within the project site and to evaluate the potential impacts to biological resources resulting from implementation of the proposed project. As presented in this memorandum, implementation of the proposed project is not anticipated to have significant adverse impacts related to biological resources.

Site Setting

The project site is located at 1819 South Western Avenue in the Harvard Heights neighborhood in central Los Angeles. The project site is located between West Washington Boulevard and West 18th Street, along the west side of South Western Avenue, and within the South Los Angeles Community Plan Area (Council District 10) of

the City. Currently, the project site is a paved public parking lot adjacent to the Council District 10 office and is surrounded by residential and commercial development.

Methods for Assessing Biological Resources

A search of relevant databases for regional special-status biological resources in the vicinity of the project site was conducted. The project site occurs in the south-central portion of the U.S. Geological Survey's Hollywood, California, quadrangle. A search of this quadrangle was made of the California Department of Fish and Wildlife's (CDFW) California Natural Diversity Database (CNDDB) and of the California Native Plant Society's (CNPS) on-line Inventory of Rare and Endangered Plants of California. Additionally, the U.S. Fish and Wildlife Service's (USFWS) online Information for Planning and Consultation (IPaC) database was reviewed for special-status species, sensitive natural communities, and protected areas known from the project vicinity.

On September 14, 2018, a field assessment of the project site was conducted by AECOM biologist Art Popp to document existing biological resources that occur or have the potential to occur on-site. Observations of conditions on adjacent properties were also made. This memorandum presents the results of this survey and background review and is intended to assist the City of Los Angeles Bureau of Engineering during the environmental review process for the proposed project. The survey was intended as an evaluation of on-site vegetation and an assessment of the potential for occurrence of special-status plant and wildlife species.

Plant species within the project site and wildlife species observed within the project site and surrounding area were recorded. Seasonal, species-specific botanical and wildlife surveys were not conducted as part of this evaluation; however, based on the survey conducted and an assessment of on-site conditions, it is apparent that special-status plant and wildlife species are not expected on-site.

Existing Conditions

The project site is entirely paved with ornamental trees and shrubs at the entrance/exit to the parking lot along South Manhattan Place. No rooted trees or shrubs occur in the parking lot. A few potted plants in large planters are located adjacent to the Council District office. The project site is surrounded by a commercial building and residential building to the north, South Manhattan Place to the west, a commercial and residential building to the south, and South Western Avenue to the east. The project site is flat, entirely paved, and lies at approximately 210 feet above mean sea level. Photos of the project site are included in Attachment 1.

Vegetation Communities and Plants

Vegetation communities are assemblages of plant species that commonly coexist. The classification of vegetation communities is based on the life form of the dominant species within that community and the associated species. No native plant communities occur on-site.

Trees and shrubs were identified in the project site during the field survey, all occurring outside the project site fence-line, at the entrance/exit to the site along South Manhattan Place. Seven non-native ornamental trees and shrubs are present, including two honey locust (*Gleditsia triancanthos* var*. inermis*) trees, one pomegranate (*Punica granatum*) tree, and one hybrid Catalpa x Chilopsis (*Chitalpa tashkentensis*) tree, and three Texas barometer bush (*Leucophyllum frutescens*) shrubs. Additionally, a dead ficus (*Ficus* sp.) street tree occurs between the sidewalk and South Manhattan Place at the entrance/exit to the parking lot. Inside the parking lot, four large planters with individual trees/shrubs occur next to the Council District office building. These planters contain Peruvian pepper (*Schinus molle*), plumberia (*Plumeria* sp.), and succulents. Additionally, passion fruit (*Passiflora* sp.) vines growing from the residential property south of the project site hangs over a portion of the wall along the southern perimeter of the parking lot.

No special-status plant species were observed during the survey and the project site does not coincide with USFWS-designated critical habitat for any federally-listed plant species.

Wildlife

Wildlife species observed within and around the project site during the field survey included house sparrow (*Passer domesticus*) and American crow (*Corvus brachyrhynchos*). Bird activity in the area was generally low during the survey and no nests were found.

No special-status wildlife species were detected during the field survey and the project site does not coincide with USFWS-designated critical habitat for any federally-listed wildlife species.

Wildlife Corridor

In an urban context, a wildlife migration corridor can be defined as a linear landscape feature of sufficient width and buffer to allow animal movement between two comparatively undisturbed habitat fragments, or between a habitat fragment and some vital resource that encourages population growth and diversity. Habitat fragments are isolated patches of habitat separated by otherwise foreign or inhospitable areas, such as urban tracts or highways. Two types of wildlife migration corridors seen in urban settings are regional corridors, defined as those linking two or more large areas of natural open space, and local corridors, defined as those allowing resident wildlife to access critical resources (food, cover, and water) in a smaller area that might otherwise be isolated by urban development.

The project site does not occur within an established regional wildlife corridor, nor does it serve as a significant local corridor. The project site occurs in a heavily urbanized and densely populated area of the City. Although ornamental trees at the entrance/exit to the site and in the surrounding area may provide some opportunities for cover, resting, foraging, and nesting to localized bird populations, they do not provide functions as a significant regional or local wildlife movement corridor.

Special-Status Species

Special-Status Plant Species

Special-status plant species include those listed as Endangered, Threatened, Rare or those species proposed for listing by USFWS under the federal Endangered Species Act (FESA), those listed by CDFW under the California Endangered Species Act (CESA), and the CNPS.[1,2,3] The CNPS inventory is sanctioned by CDFW and essentially serves as the list of candidate plant species for state listing. CNPS's California Rare Plant Rank (CRPR) 1B and 2 species are considered eligible for state listing as endangered or threatened.

A total of 21 plant species were identified from the CNDDB (CDFW 2018a) and CNPS (CNPS 2018) database searches to have historically been recorded from the Hollywood quadrangle, and from a search of IPaC (USFWS 2018) for the project area, including four federal and/or state-listed species: marsh sandwort (*Arenaria paludicola*), Braunton's milk-vetch (*Astragalus brauntonii*), Ventura marsh milk-vetch (*Astragalus pycnostachyus* var. *lanosissimus*), and Gambell's water cress (*Nasturtium gambelii*). The 21 special-status plant species identified by the database reviews are combined and their status and habitat requirements are provided in Table A, Attachment 2.

No special-status plant species were observed during the field survey or have been recorded from within the project site, and the project site does not provide habitat potentially suitable for any special-status plants. As a result, no special-status plant species are anticipated to occur within the project site. Additionally, no USFWS-designated critical habitat for any special-status plant species coincides with the project site.

Special-Status Wildlife Species

Special-status wildlife species include those listed by USFWS under FESA and by CDFW under CESA (CDFW 2018b). USFWS officially lists species as either threatened, endangered, or as candidates for listing. Additional species receive federal protection under the Bald Eagle Protection Act (e.g., bald eagle, golden eagle), the Migratory Bird Treaty Act (MBTA), and state protection under CEQA Section 15380(d).

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1 Species listed or proposed for listing as threatened or endangered under the federal Endangered Species Act (Title 50 Code of Federal Regulations [CFR] 17.12 [listed plants], Title 50 CFR 17.11 [listed animals] and includes notices in the Federal Register for proposed species).

2 Species listed or proposed for listing by the State of California as threatened or endangered under the California Endangered Species Act (Title 14 California Code of Regulations 670.5).

3 Plants listed as rare under the California Native Plant Protection Act (California Fish and Game Code Section 1900 *et seq*.).

All birds, except European starlings; English house sparrows; rock doves (pigeons); and non-migratory game birds such as quail, pheasant, and grouse are protected under the MBTA. However, non-migratory game birds are protected under California Fish and Game Code (CFGC) Section 3503. Many other species are considered by CDFW to be California Species of Special Concern (SSC) and others are on a CDFW Watch List (WL). The CNDDB tracks species within California for which there is conservation concern, including many that are not formally listed, and assigns them a CNDDB Rank. Although CDFW SSC and WL species and species that are tracked by the CNDDB but not formally listed are afforded no official legal status, they may receive special consideration during the environmental review process. CDFW further classifies some species as "Fully Protected" (FP), indicating that the species may not be taken or possessed except for scientific purposes, under special permit from CDFW. Additionally, CFGC Sections 3503, 3505, and 3800 prohibit the take, destruction, or possession of any bird, nest, or egg of any bird except English house sparrows and European starlings unless authorization is obtained from CDFW.

A total of 16 wildlife species were identified from the CNDDB (CDFW 2018a) search to have historically been recorded from the Hollywood quadrangle and from a search of IPaC (USFWS 2018) for the project area, including three federal and/or state-listed wildlife species: southwestern willow flycatcher (*Empidonax traillii extimus*), coastal California gnatcatcher (*Polioptila californica californica*), and least Bell's vireo (*Vireo bellii pusillus*). The 16 special-status wildlife species identified by the database reviews are combined and their status and habitat requirements are provided in Table B, Attachment 2.

No special-status wildlife species were observed during the site survey or have been recorded from within the project area, and the project site does not provide habitat potentially suitable for any special-status wildlife. As a result, no special-status wildlife species are anticipated to occur in the project site. Additionally, no USFWS-designated critical habitat for any special-status wildlife species coincides with the project site.

Sensitive Natural Communities

Sensitive natural communities are those that are designated as rare in the region by the CNDDB, support special-status plant or wildlife species, or receive regulatory protection (i.e., Section 404 of the Clean Water Act (CWA) and/or Sections 1600 et seq. of the CFGC). Rare communities are given the highest inventory priority (Holland 1986; CDFG 2010). Based on a review of the CNDDB, two sensitive vegetative communities have been recorded within the Hollywood quadrangle, including California Walnut Woodland and Southern Sycamore Alder Riparian Woodland (CDFW 2018a). These communities are generally documented in the CNDDB from about five miles to the north, in Griffith Park.

No sensitive natural communities occur within the project site and surrounding area. On-site vegetation consists of ornamental species that are common in urban environments. Additionally, no sensitive aquatic communities (i.e., wetlands or other waters) under regulatory jurisdiction of the U.S. Army Corps of Engineers (USACE), CDFW, and the Regional Water Quality Control Board (RWQCB) occur on-site.

Applicable Regulations

As referenced in some of the previous sections, several regulations and standards have been established by federal, state, and local agencies to protect and conserve biological resources. The project's compliance with the regulations and standards listed below was assessed.

Federal Regulations and Standards

- *Federal Endangered Species Act (FESA)*
- *Migratory Bird Treaty Act (MBTA)*
- *Clean Water Act (CWA)*

State Regulations and Standards

- *California Fish and Game Code (CFGC)*
- *Porter-Cologne Water Quality Control Act*
- *California Environmental Quality Act (CEQA)*

Local Regulations and Standards

- *Significant Ecological Areas (SEA) Program*
- *City of Los Angeles Tree Ordinance*

With compliance to standard regulatory control measures (RCMs) regarding the avoidance and minimization of potential impacts to protected migratory birds under the MBTA and all bird species protected under CFGC, the proposed project is not anticipated to conflict with any of the regulations and standards above, and most are not applicable to the proposed project.

Impacts on Biological Resources

Biological resources may be either directly or indirectly impacted by a project. Direct and indirect impacts may be either permanent or temporary in nature. These impact categories are defined below.

- **Direct**: Any alteration, physical disturbance, or destruction of biological resources that would result from project-related activities is considered a direct impact. Examples include clearing vegetation, encroaching into wetlands or a stream, and the loss of individual species and/or their habitats.

- **Indirect**: As a result of project-related activities, biological resources may also be affected in a manner that is ancillary to physical impacts. Examples include elevated noise and dust levels, soil compaction, increased human activity, decreased water quality, and the introduction of invasive wildlife (domestic cats and dogs) and plants.

- **Permanent**: All impacts that result in the long-term or irreversible removal of biological resources are considered permanent. Examples include constructing a building or permanent road on an area containing biological resources.

- **Temporary**: Any impacts considered to have reversible effects on biological resources can be viewed as temporary. Examples include the generation of fugitive dust during construction; or removing vegetation in preparation for earth stabilization activities, and either allowing the natural vegetation to recolonize or actively revegetating the impact area. Surface disturbance that removes vegetation and disturbs the soil is considered a long-term temporary impact because of slow natural recovery in arid ecosystems.

Construction

The anticipated impacts to biological resources of proposed project construction are described below.

Vegetation

Implementation of the proposed project would not result in the removal of trees and shrubs, and no impact would occur.

Indirect impacts to ornamental vegetation inside and outside the project site could include the accumulation of fugitive dust, and the colonization of nonnative, invasive plant species. Other indirect impacts could include an increase in the amount of compacted or modified surfaces that, if not controlled, could increase the potential for surface runoff, increased erosion, and sediment deposition beyond the project's footprint. Although indirect impacts to non-native ornamental trees would not constitute a significant impact, with implementation of RCMs related to fugitive dust (e.g., implementation of Rule 403 measures required by the South Coast Air Quality Management District [SCAQMD]) and erosion control (e.g., implementation of a Storm Water Pollution Prevention Plan) included as part of the project, no indirect impacts to any vegetation would occur.

Special-Status Plant Species

Individual special-status plant species could be damaged or destroyed from crushing or trampling during construction activities; however, no federal or state-listed plant species were identified during the site survey or have been recorded from the project site, and special-status plants are not expected to occur within the project site due to a lack of potentially suitable habitat. Since no special-status plants were observed and the site is not

suitable for them, none are expected to occur on-site. As a result, no direct effects on special-status plants are anticipated.

Indirect impacts to special-status plant species occurring outside the project site could result from construction-related habitat loss and modification of sensitive natural communities related to dust, noise, stormwater runoff, and through the potential spread of noxious and invasive plant species into these communities. Such impacts would be considered significant; however, suitable habitat for special-status plants is not present in the urban environment surrounding the project site. RCMs related to fugitive dust and erosion control would be implemented as part of the project. As a result, no indirect impacts to special-status plants would occur.

Sensitive Natural Communities

Implementation of the proposed project would not result in direct or indirect impacts to any sensitive natural communities. As presented above, no sensitive natural communities occur within the project site and surrounding area. Additionally, sensitive aquatic habitats under regulatory jurisdiction of USACE, CDFW, and RWQCB do not occur in the project site or surrounding area. As a result, no impacts to sensitive natural communities would occur.

Wildlife

Elements of project construction could potentially affect common wildlife. Tree removal and ground disturbance activities could result in the mortality of individual wildlife species, and species with limited mobility or that occupy burrows within the construction zone could be crushed during project activities. Additionally, short-term indirect effects on wildlife would occur when wildlife, primarily urban bird species (discussed further below), avoid the immediate construction area due to noise disturbances, increased human activity, and vibrations caused by heavy equipment. Although wildlife mortality is unlikely and not considered significant, direct and indirect impacts to common wildlife would be avoided and minimized with RCMs related to fugitive dust, erosion control, and noise (e.g., properly maintained equipment), included as part of the project. As a result, no impacts to wildlife are anticipated.

Ornamental vegetation at the entrance/exit to the project site and in surrounding areas provide potentially suitable nesting habitat for urban bird species. As a result, birds protected by the MBTA and the CFGC have the potential to nest in and near the project site. However, vegetation removal would not occur. Additionally, the proposed project would include the RCMs discussed above and RCMs such as conducting pre-construction surveys for nesting birds and providing a biological monitor should nesting birds be present. As a result, no direct impacts to wildlife are anticipated.

Indirect impacts to nesting birds within the vicinity of the project site could occur during construction as a result of noise, dust, increased human presence, and vibrations resulting from construction activities. Disturbances related to construction activities could result in increased nestling mortality due to nest abandonment or decreased feeding frequency. Therefore, indirect impacts would be considered significant. However, as part of the project, RCMs regarding fugitive dust, erosion control, and noise, as well as nesting birds protected by the MBTA and CFCG would be implemented. As a result, no indirect impacts to nesting birds are anticipated.

Special-Status Wildlife Species

Individual special-status wildlife species could be directly and indirectly affected during construction in the same manner as described above; however, no federal or state-listed wildlife species have been identified on-site and potentially suitable habitat for such species is absent from the project site and surrounding area. Therefore, direct and indirect impacts to special-status wildlife would not occur.

Wildlife Movement Corridor

The project site does not serve as a regional wildlife corridor and, as a result, direct and indirect impacts to a regional wildlife movement corridor would not occur. Therefore, direct and indirect impacts to localized bird movement would not occur.

Operation

Significant impacts to vegetation, special-status plant species, and sensitive natural communities during operations and routine maintenance of the homeless shelter are not anticipated. Only ornamental vegetation would occur on-site upon project completion and special-status plants are not expected to occur in the project site or surrounding area due to a lack of suitable habitat. As a result, significant impacts to vegetation, special-status plants, and sensitive natural communities during operations and routine maintenance of the center are not anticipated.

Impacts to wildlife, special-status wildlife species, and wildlife movement would be limited. Activities would be conducted within previously disturbed and developed surfaces containing only ornamental vegetation, and would generally not change biological conditions from those present prior to and after project construction. As a result, operation and maintenance activities are not anticipated to affect wildlife, special-status wildlife species, and wildlife movement.

Avoidance, Minimization, and Regulatory Control Measures

With the potential for nesting birds protected under the MBTA and CFGC to occur in ornamental trees within the project site and surrounding area, compliance with RCMs, such as conducting pre-construction surveys for nesting birds and providing a biological monitor if nesting birds are present, would ensure potential impacts to nesting birds during the bird breeding season (February 15 through September 1) are avoided.

Conclusions

Based on the analysis presented above regarding anticipated effects of the proposed project, with implementation of RCMs included as part of the project, no impacts to nesting birds protected under the MBTA and by CFGC are anticipated to occur. No other impacts to biological resources are anticipated.

Prepared by



Arthur Popp
Senior Biologist

Attachment 1 – Site Photos
Attachment 2 – Special-Status Species and Natural Vegetation Communities Considered

References

California Department of Fish and Game (CDFG)
2010 *List of California Terrestrial Natural Communities Recognized by the Natural Diversity Data Base.* Natural Heritage Division. The Resources Agency. September.

California Department of Fish and Wildlife (CDFW)
2018a *California Natural Diversity Data Base (CNDDB).* Full condensed report for the Hollywood quadrangle. Generated September 12, 2018.

2018b Special Animals. California Natural Diversity Data Base. August. Available at https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=109406

2018c California Wildlife Habitat Relationships. Life History and Range Maps. Available at https://www.wildlife.ca.gov/Data/CWHR/Life-History-and-Range. Accessed September 2018.

California Native Plant Society (CNPS)
2018 Rare Plant Program. Inventory of Rare and Endangered Plants of California (online edition, v8-03 0.39). Available at http://www.rareplants.cnps.org. CNPS report for the Hollywood quadrangle. Accessed September 12, 2018.

Holland, R. (Holland)
1986 *Preliminary Descriptions of the Terrestrial Natural Communities of California*. California Department of Fish and Game, The Resources Agency. 156 pp.

U.S. Fish and Wildlife Service (USFWS)
2018 Information for Planning and Conservation. Available at https://ecos.fws.gov/ipac/. Accessed September 12, 2018.

Attachment 1
Site Photos



Photo 1. East-facing view from South Manhattan Place of entrance/exit to the project site.



Photo 2. East-facing across the project site towards South Western Avenue in far background.

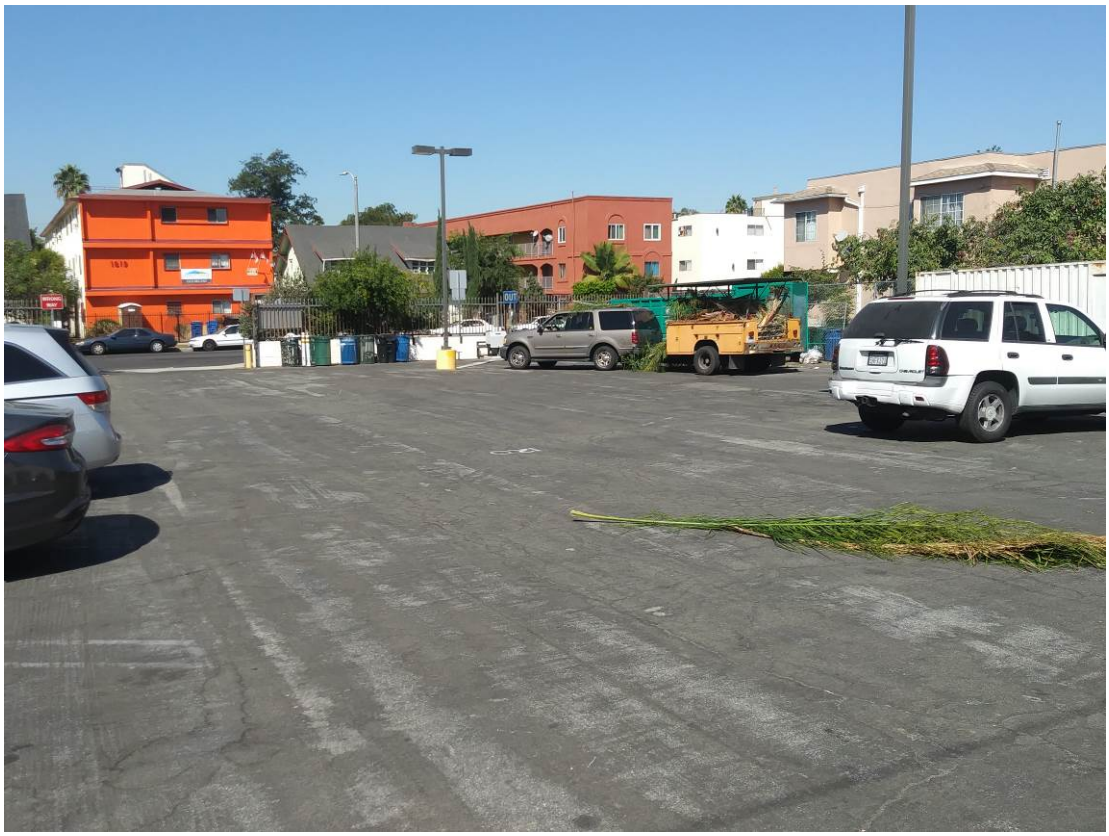


Photo 3. West-facing view across project site, with South Manhattan Place in background.



Photo 4. Northwest facing view of Council District office with potted plants.

Attachment 2
Special-Status Species and Natural Vegetation Communities Considered

TABLE A. SPECIAL-STATUS PLANT SPECIES AND NATURAL VEGETATION COMMUNITIES CONSIDERED[1]

Common Name *Scientific Name*[2]	Status[3]	General Habitat Description[4]
marsh sandwort *Arenaria paludicola*	Federal: FE State: SE CRPR: 1B.1	Sandy openings in freshwater or brackish marshes and swamps. Occurs between 3-170 meters (10-560 feet). Blooms May-August.
Braunton's milk- vetch *Astragalus brauntonii*	Federal: FE State: None CRPR: 1B.1	Closed-cone coniferous forest, chaparral, coastal scrub, and valley and foothill grassland. Prefers recent burns or disturbed areas, in stiff gravelly clay soils overlying granite or limestone. Occurs between 4-640 meters (13-2,100 feet). Blooms January-August.
Ventura marsh milk-vetch *Astragalus pycnostachyus* var. *lanosissimus*	Federal: FE State: SE CRPR: 1B.1	Coastal dunes, coastal scrub, and edges of coastal salt or brackish marshes and swamps. Occurs between 1-35 meters (3-115 feet). Blooms June-October.
Davidson's saltscale *Atriplex serenana* var. *davidsonii*	Federal: None State: None CRPR: 1B.2	Chaparral, cismontane woodland, coastal scrub, riparian scrub. Occurs at 70-825 meters (230 to 2,700 feet). Blooms (Feb) March-June.
Catalina mariposa lily *Calochortus catalinae*	Federal: None State: None CRPR: 4.2	Chaparral, cismontane woodland, coastal scrub, and valley and foothill grassland. Occurs between 15-700 meters (50-2,300 feet). Blooms February-June.
Plummer's mariposa-lily *Calochortus plummerae*	Federal: None State: None CRPR: 4.2	Coastal scrub, chaparral, valley and foothill grassland, cismontane woodland, lower montane coniferous forest, on rocky and sandy sites (granitic or alluvial material). Occurs between 100–1,700 meters (330-5,580 feet). Blooms May–July.
lucky morning-glory *Calystegia felix*	Federal: None State: None CRPR: 1B.1	Sometimes alkaline meadows and seeps and alluvial riparian scrub. Historically associated with wetland and marshy places, but possibly in drier situations as well. Possibly silty loam and alkaline. Occurs between 30-215 meters (100-705 feet). Blooms March-September.
Lewis' evening primrose *Camissoniopsis lewisii*	Federal: None State: None CRPR 3	Sandy or clay sites in coastal bluff scrub, cismontane woodland, coastal dunes, coastal scrub, and valley and foothill grasslands. Occurs between 0-300 meters (0-980 feet). Blooms March-June.
southern tarplant *Centromadia parryi* ssp. *australis*	Federal: None State: None CRPR: 1B.1	Marshes and swamps (margins), valley and foothill grassland. Often in disturbed sites near the coast at marsh edges; also in alkaline soils sometimes with saltgrass. Occurs between 0–480 meters (0-1,570 feet). Blooms May–November.
small-flowered morning-glory *Convolvuluv simulans*	Federal: None State: None CRPR: 4.2	Prefers clay or serpentine seeps in open areas within chaparral, coastal scrub and valley and foothill grassland. Occurs between 30-700 meters (100-2,300 feet). Blooms March – July.

Common Name *Scientific Name*[2]	Status[3]	General Habitat Description[4]
many-stemmed dudleya *Dudleya multicaulis*	Federal: None State: None CRPR: 1B.2	Chaparral, coastal scrub, valley and foothill grassland. Often in clay soils. Occurs between 15-790 meters (50-2,520 feet). Blooms April-July.
Los Angeles sunflower *Helianthus nuttallii ssp. parishii*	Federal: None State: None CRPR: 1A	Coastal salt and freshwater marshes and swamps. Occurs between 10-1,675 meters (30-5,490 feet). Blooms August-October.
mesa horkelia *Horkelia cuneata* ssp. *puperula*	Federal: None State: None CRPR: 1B.1	Prefers sandy or gravelly sites in chaparral, cismontane woodland, and coastal scrub. Occurs between 70-810 meters (230-2,660 feet). Blooms February-September.
southern California black walnut *Juglans californica*	Federal: None State: None CRPR: 4.2	Prefers alluvial sites in chaparral, cismontane woodlands, coastal scrub, and riparian woodland. Occurs between 50-900 meters (160-2,950 feet). Blooms March-August.
ocellated Humboldt lily *Lilium humboldtii* spp. *ocellatum*	Federal: None State: None CRPR: 4.2	Prefers openings in chaparral, cismontane woodland, coastal scrub, lower montane coniferous forest, and riparian woodland. Occurs between 30-1,800 meters (100-5,900 feet). Blooms March-August.
Gambel's watercress *Rorippa gambellii*	Federal: FE State: ST CRPR: 1B.1	Prefers freshwater or brackish marshes and swamps. Occurs between 5-330 meters (15-1,080 feet). Blooms April-October.
Hubby's phacelia *Phacelia hubbyi*	Federal: None State: None CRPR: 4.2	Prefers gravelly, rocky, or talus sites in chaparral, coastal scrub, and valley and foothill grasslands. Occurs between 0-1,000 meters (0-3,280 feet). Blooms April-July.
white rabbit-tobacco *Pseudognaphalium leucocephalum*	Federal: None State: None CRPR: 2B.2	Prefers sandy or gravelly sites in riparian woodland, cismontane woodland, coastal scrub, and chaparral. Occurs between 0-2,100 meters (0-6,890 feet). Blooms July-December.
salt spring checkerbloom *Sidalcea neomexicana*	Federal: None State: None CRPR: 2B.2	Prefers alkaline or mesic sites in chaparral, coastal scrub, lower montane coniferous forest, Mojavean desert scrub, and playas. Occurs between 15-1,530 meters (50-5,020 feet). Blooms March-June.
San Bernardino aster *Symphyotrichum defoliatum*	Federal: None State: None CRPR: 1B.2	Prefers sites near ditches, streams and springs in coastal scrub, cismontane woodland, lower montane coniferous forest, valley and foothill grassland, and in meadows and seeps. Occurs between 2–2,040 meters (6-6,690 feet). Blooms July–November.
Greata's aster *Symphyotrichum greatae*	Federal: None State: None CRPR: 1B.3	Mesic sites in broad-leafed upland forest, chaparral, cismontane woodland, lower montane coniferous forest, and riparian woodland. Occurs between 300-2,010 meters (980-6,590 feet). Blooms June-October.
California Walnut Woodland	CNDDB	
Southern Sycamore Alder Riparian Forest	CNDDB	

[1] Special-status plant species and natural vegetation communities known from the CNDDB and CNPS to occur on the Hollywood quadrangle, and from a search of IPaC for the project vicinity.

[2] Nomenclature for special-status plant species conforms to CNPS.

[3] Sensitivity Status Codes

Federal	**FT** - Federally Threatened under the Federal Endangered Species Act
	FE - Federally Endangered under the Federal Endangered Species Act
	FC – A Federal Candidate for listing under the Federal Endangered Species Act
State	**ST** - State Threatened under the California Endangered Species Act
	SE - State Endangered under the California Endangered Species Act
CRPR	California Rare Plant Rank (CRPR)
	1A: Plants presumed extinct in California
	1B: Plants rare, threatened, or endangered in California and elsewhere
	2: Plants rare, threatened, or endangered in California, but more common elsewhere
	3: Plants more information is needed for
	4: Plants of limited distribution – a watch list
	0.1: Seriously threatened in California
	0.2: Fairly endangered in California
	0.3: Not very endangered in California
	California Department of Fish and Wildlife (CDFW)
CNDDB	Tracked by CDFW in the CNDDB

[4] General Habitat Descriptions from CNPS (2018).

TABLE B. SPECIAL-STATUS WILDLIFE SPECIES CONSIDERED[1]

Common Name *Scientific Name*[2]	Status[3]	General Habitat Description[4]
Invertebrates		
Crotch bumble bee *Bombus crotchii*	Federal: None State: None Other: CNDDB	Occurs at relatively warm and dry sites, including the inner Coast Range of California and the margins of the Mojave Desert.
Busck's gallmouth *Carolella busckana*	Federal: None State: None Other: CNDDB	Coastal scrub dune. More specific habitat requirements are currently unknown.
Reptiles		
southern California legless lizard *Anniella stebbinsi*	Federal: None State: None Other: SSC	Found in a broader range of habitats than any of the other species in the genus. Often locally abundant, specimens are found in coastal sand dunes and a variety of interior habitats, including sandy washes and alluvial fans.
coast horned lizard *Phrynosoma blainvillii*	Federal: None State: None Other: SSC	Inhabits coastal sage scrub and chaparral in arid and semiarid climates. Prefers friable, rocky, or shallow sandy soils.
Birds		
southern California rufous-crowned sparrow *Aimophila ruficeps canescens*	Federal: None State: None Other: WL	Resident in southern California coastal sage scrub and sparse mixed chaparral. Frequents relatively steep, often rocky hillsides with grass and forb patches.
burrowing owl *Athene cunicularia*	Federal: None State: None Other: SSC	Inhabits open, dry annual or perennial grasslands, deserts, and scrublands characterized by low-growing vegetation. Subterranean nester, dependent upon burrowing mammals, most notably, California ground squirrel.
yellow rail *Coturnicops noveboracensis*	Federal: None State: None Other: SSC	Requires sedge marshes or meadows with most soil or shallow standing water for breeding. Inhabit wet meadows and coastal tidal marshes.
southwestern willow flycatcher *Empidonax traillii extimus*	Federal: FE State: SE	Riparian woodlands in southern California. Nests in extensive thickets of low, dense willows on edge of wet meadows, ponds, or backwaters, between 2,000 and 8,000 feet (610-2,440 meters). Dense willow thickets are required for nesting and roosting. Low, exposed branches are used for singing posts/hunting perches.
coastal California gnatcatcher *Polioptila californica californica*	Federal: FT State: None Other: SSC	Obligate, permanent resident of coastal sage scrub below 2.500 feet (760 meters) in southern California. Inhabits low, coastal sage scrub in arid washes, on mesas and slopes.
least Bell's vireo *Vireo bellii pusillus*	Federal: FE State: SE	Summer resident of southern California in low riparian habitat in vicinity of water or in dry river bottoms, below 2,000 feet (610 meters).
Mammals		
pallid bat *Antrozous palidus*	Federal: None State: None Other: SSC, WBWG-H	Deserts, grasslands, shrublands, woodlands and forests. Most common in open, dry habitats with rock areas for roosting. Roosts must protect bats from high temperatures; very sensitive to disturbance of roosting sites.

Common Name *Scientific Name*[2]	Status[3]	General Habitat Description[4]
western mastiff bat *Eumops perotis californicus*	Federal: None State: None Other: SSC, WBWG-H	Known from open semiarid to arid habitats, including conifer and deciduous woodlands, coastal scrub, grassland, and chaparral. Roosts in crevices in cliff faces, high buildings, trees, and tunnels. Roost locations are generally high above the ground providing a 3-meter minimum clearance below the entrance for flight. Requires large open-water drinking sites.
hoary bat *Lasiurus cinereus*	Federal: None State: None Other: CNDDB, WBWG-M	May be found at any location in California. Winters along the coast and in southern California, breeding inland and north of the winter range. During migration, may be found at locations far from the normal range. Prefers open habitats or habitat mosaics, with access to trees for cover and open areas or habitat edges for feeding. Roosts in dense foliage of medium to large trees, feeds primarily on moths; requires water.
south coast marsh vole *Microtus californicus stephensi*	Federal: None State: None Other: SSC	Tidal marshes in Los Angeles, Orange and southern Ventura Counties.
big free-tailed bat *Nyctinomops macrotis*	Federal: None State: None Other: SSC, WBWG-MH	Low-lying arid hilly areas in Southern California to about 6,000 feet. Roosts in crevices and cliffs, buildings, and cavities in trees.
American badger *Taxidae taxus*	Federal: None State: None Other: SSC	Uncommon, permanent resident found throughout most of the state, except in the northern North Coast area. Most abundant in drier open stages of most shrub, forest, and herbaceous habitats, with friable soils.

[1] Special-status species known from the CNDDB to occur on the Hollywood quadrangle and from a search of IPaC for the project vicinity.

[2] Nomenclature for special-status wildlife conforms to CNDDB.

[3] Sensitivity Status Codes

Federal
FT - Federally Threatened under Federal Endangered Species Act (FESA)
FE - Federally Endangered under FESA

State
ST - State Threatened under California Endangered Species Act (CESA)
SE - State Endangered under CESA
SC – State Candidate for listing under CESA

Other
SSC – Designated as a Species of Special Concern by CDFW
WL – Designated as a Watch List species by CDFW
CNDDB - Tracked by CDFW in the California Natural Diversity Data Base or considered locally sensitive
WBWG-H - Designated by the Western Bat Working Group as High Priority - species that are imperiled or are at high risk of imperilment
WBWG-M - Designated by the WBWG as Medium Priority – a level of concern that should warrant closer evaluation, more research, and conservation actions of both species and possible threats.

[4] General Habitat Descriptions from CDFW 2018c.

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ATTACHMENT D – CULTURAL RESOURCES INFORMATION

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AECOM
300 S Grand Avenue,
Los Angeles, CA 90071
www.aecom.com

213.593.8100 tel
213.593.8053 fax

Memorandum

To	Ms. Heloise Froelich Environmental Management Group Bureau of Engineering, Department of Public Works Page 18
Subject	Bridge Housing Project (Council District 10 - 1819 S. Western Avenue) Cultural, Paleontological, and Tribal Cultural Resources Technical Memorandum
From	Marc A. Beherec, Ph.D., RPA, AECOM Monica Mello, MA, AECOM
Date	October 15, 2018

Introduction

This technical memorandum describes the potential impact to paleontological, cultural, and tribal cultural resources associated with the Bridge Housing Project (proposed project) to be located at 1819 S. Western Avenue in the Harvard Heights neighborhood (Council District 10) of the City of Los Angeles (City), Los Angeles County, California (Attachment 1). The proposed project consists of a temporary change in property use from a City-owned parking lot to a temporary emergency homeless shelter for no more than three years. The project site consists of a publicly owned parking lot, which is part of the larger parking lot used by the Council District 10 Office (Council Office). The addresses that comprise the entire Project site include 1819 and 1925 S. Western Avenue and 1818 to 1826 S. Manhattan Place. The project area consists of parcels designated by the Los Angeles County Office of the Assessor as Assessor Parcel Number (APN) 5073-013-900 (two tied lots), 5073-013-901, and 5073-013-902. The proposed project site consists of four (4) lots that encompass approximately 25,506 square feet (0.59 acres), including the Council Office building. The proposed project would include the addition of a 24-foot by 120-foot trailer (totaling 2,880 square feet) to the parking lot of the Council Office. The trailer would be equipped with a 15-bed sleeping and lounging area with sink, two offices, one employee restroom, one resident restroom, and storage/laundry facilities. In addition, outside would be a free-standing shade structure over three picnic tables and a food preparation station that includes a small sink. Also included would be a new pedestrian gate, chain link and green screen fencing on the northern edge of the site, a dog run area, and landscaping. The maximum depth of ground disturbance planned for the proposed project is 4 feet for utilities trenching. As discussed in this memorandum, the proposed project will have no significant impacts related to cultural resources or tribal cultural resources.

Geological Setting

The project area is mapped as having surficial deposits of older Quaternary alluvium. These deposits date to the late Pleistocene and consist of alluvial clay, sand, and gravel, including gravel and sand of minor stream channels (Dibblee and Ehrenspeck 1991).

Cultural Setting

As a framework for discussing the types of cultural resources that might be encountered in the vicinity of the proposed project, the following section summarizes our current understanding of major prehistoric and historic developments in and around Los Angeles.

Prehistoric Overview

The earliest occupation of Southern California may be associated with the peoples who first colonized North America in the terminal Pleistocene and earliest Holocene (Arnold et al. 2004). These cultures are characterized

by fluted points. Among Southern California's fluted points is a fluted obsidian point found in a stratified deposit beside an ancient lake bed in the mountains of eastern San Diego County (Kline and Kline 2007). Other fluted points have been reported at other locations in Santa Barbara and San Diego Counties (Rondeau 2009). Closest to the project area, the Farpoint Site (CA-LAN-451) in Malibu, Los Angeles County, yielded a fluted point, and its excavator argues the site should be associated with the Clovis culture (Stickel 2008). Clovis is the earliest universally recognized material culture in North America, and dates to approximately 11,500 radiocarbon years before present (B.P.).

However, scholarly consensus holds that the earliest unambiguous evidence of human occupation in the Los Angeles area dates to at least 9000 B.P. and is associated with a period known as the Millingstone Cultural Horizon (Wallace 1955; Warren 1968). Millingstone populations established permanent settlements that were located primarily on the coast and in the vicinity of estuaries, lagoons, lakes, streams, and marshes where a variety of resources, including seeds, fish, shellfish, small mammals, and birds, were exploited. Early Millingstone occupations are typically identified by the presence of handstones (manos) and millingstones (metates), while those Millingstone occupations dating later than 5000 B.P. contain a mortar and pestle complex as well, signifying the exploitation of acorns in the region.

Although many aspects of Millingstone culture persisted, by 3500 B.P., a number of socioeconomic changes occurred (Erlandson 1994; Wallace 1955; Warren 1968). These changes are associated with the period known as the Intermediate Horizon (Wallace 1955). Increasing population size necessitated the intensification of existing terrestrial and marine resources (Erlandson 1994). This was accomplished in part through use of new technological innovations such as the circular shell fishhook on the coast, and in inland areas through use of the mortar and pestle to process an important new vegetal food staple (acorns), and the dart and atlatl resulting in a more diverse hunting capability. Evidence for shifts in settlement patterns has been noted as well at a variety of locations at this time and is seen by many researchers as reflecting increasingly territorial and sedentary populations. The Intermediate Horizon marks a period in which specialization in labor emerged, trading networks became an increasingly important means by which both utilitarian and nonutilitarian materials were acquired, and travel routes were extended.

The Late Prehistoric period, spanning from approximately 1500 years B.P. to the Spanish mission era, is the period associated with the florescence of contemporary Native American groups. The group occupying the southern Channel Islands and adjacent mainland areas of Los Angeles and Orange Counties came to be known as the Gabrielino, after Mission San Gabriel. They are reported to have been second only to their Chumash neighbors in terms of population size, regional influence, and degree of sedentism (Bean and Smith 1978). The boundary between these two groups is commonly believed to be in the area by Topanga Canyon, with the Chumash living along the beaches of Malibu up to the area of Paso Robles and the Gabrielino residing along the coastal stretches to the south. The Gabrielino are estimated to have numbered around 5,000 in the pre-contact period (Kroeber 1925). Maps produced by early explorers indicate the existence of at least 40 Gabrielino villages, but as many as 100 may have existed prior to contact with Europeans (Bean and Smith 1978; McCawley 1996; Reid 1939 [1852]). Groups in the San Fernando Valley were typically referred to by the Spanish as the *Fernadeño*, whose name was derived from nearby Mission San Fernando. The *Fernadeño* spoke a dialect of the Gabrielino tongue and were otherwise culturally identical to the Gabrielino (Bean and Smith 1978; Shipley 1978).

Prehistoric subsistence consisted of hunting, fishing, and gathering. Small terrestrial game was hunted with deadfalls and rabbit drives, and by burning undergrowth, while larger game such as deer were hunted using bows and arrows. Fish were taken by hook and line, nets, traps, spears, and poison (Bean and Smith 1978; Reid 1939 [1852]). The primary plant resources were acorns gathered in the fall and processed with mortars and pestles, and various seeds that were harvested in late spring and summer and ground with manos and metates. The seeds included chia and other sages, various grasses, and islay or holly-leafed cherry (Reid 1939 [1852]).

Historic Overview

Spanish explorers made brief visits to Gabrielino territory in 1542 and 1602, and on both occasions the two groups exchanged trade items (McCawley 1996). Sustained contact with Europeans did not commence until the onset of the Spanish Period, which began in 1769 when Gaspar de Portola and a small Spanish contingent began their exploratory journey along the California coast from San Diego to Monterey.

Gabrielino villages are reported by early explorers to have been most abundant near the Los Angeles River, in the area north of downtown known as the Glendale Narrows, and those areas along the river's various outlets into the sea. Among those villages north of downtown were *Maawnga* near Griffith Park; *Totongna* and *Kawengna* in the San Fernando Valley; and *Hahamongna*, northeast of Glendale. The village of *Yangna* is under present-day downtown Los Angeles. At the time of Portola's visit, the village of *Yangna* is reported to have supported a population of at least 200 (Gumprecht 1999) and was later reported to have contained anywhere from 500 to 1,500 huts, implying an even greater population (Reid 1939 [1852]). The community of *Yangna* was located somewhere in the vicinity of the Los Angeles Civic Center, and, as McCawley notes, "is popularly regarded as the Indian precursor of modern Los Angeles" (McCawley 1996:57).

By the early 1800s, the majority of the surviving Gabrielino population had entered the mission system, either at Mission San Gabriel, founded in 1771, or at Mission San Fernando Ray de Espana, established in 1797. Other Native Americans worked at *El Pueblo de la Reyna de Los Angeles,* a secular community founded by colonists in 1781. Over time, the missions became self-sufficient through farming and selling cattle hides, tallow, and various fruit crops to the nearby Pueblo (Paddison 1999; Wright 1992). Mission life was utilized by the Spanish in a time when Native American traditional trade and political alliances were failing and epidemics and subsistence instabilities were increasing. This lifestyle change brought significant negative consequences for Gabrielino health and cultural integrity (Jackson 1999).

The growth of the *El Pueblo de la Reyna de Los Angeles* became established after the Mexican empire gained independence and formed what would become the state of Alta California in 1821. The authority of the California missions gradually declined, culminating with their secularization in 1834. Although the Mexican government directed that each mission's lands, livestock, and equipment be divided among its converts, the majority of these holdings quickly fell into non-Indigenous hands. Mission buildings were abandoned and quickly fell into decay. If mission life was difficult for Native Americans, secularization was typically worse. After two generations of dependence on the missions, they were suddenly disenfranchised. After secularization, "nearly all of the Gabrielinos went north while those of San Diego, San Luis, and San Juan overran this county, filling the Angeles and surrounding ranchos with more servants than were required" (Reid 1977 [1851]:104).

The first party of U.S. immigrants arrived in Los Angeles in 1841, although surreptitious commerce had previously been conducted between Mexican California and residents of the United States and its territories. As the possibility of a takeover of California by the United States loomed large, the Mexican government increased the number of land grants in an effort to keep the land in the hands of upper-class *Californios* like the Domínguez, Lugo, and Sepúlveda families (Wilkman and Wilkman 2006:14–17). Governor Pío Pico and his predecessors made more than 600 rancho grants between 1833 and 1846, putting most of the state's lands into private ownership for the first time (Gumprecht 1999).

The United States took control of California after the Mexican–American War of 1846, and seized Monterey, San Francisco, San Diego, and Los Angeles (then the state capital) with little resistance. Local unrest soon bubbled to the surface, however, and Los Angeles slipped from U.S. control in 1847. Hostilities officially ended with the signing of the Treaty of Guadalupe Hidalgo in 1848, in which the United States agreed to pay Mexico $15 million for the conquered territory, which included California, Nevada, and Utah, and parts of Colorado, Arizona, New Mexico, and Wyoming. The conquered territory represented nearly half of Mexico's pre-1846 holdings. California joined the United States in 1850 as the 31st state (Wilkman and Wilkman 2006:15).

The discovery of gold in northern California led to an enormous influx of American citizens in the 1850s and 1860s, and these settlers rapidly displaced the old rancho families. In 1873, the U.S. government confirmed legal title to old Rancho ex-Mission San Fernando at 116,858.43 acres, the largest private land parcel in California. The Southern Pacific Railroad extended its line from San Francisco to Los Angeles in 1876, passing through the San Fernando Valley thanks to a new tunnel through Newhall Pass. Newcomers continued to pour into Los Angeles and the population nearly doubled between 1870 and 1880. The completion of the second transcontinental line, the Santa Fe, took place in 1886 causing a fare war, which drove fares to an unprecedented low. More settlers continued to head west and the demand for real estate skyrocketed. The city's population rose from 11,000 in 1880 to 50,000 by 1890 (Meyer 1981:45).

In the mid-nineteenth century, the San Fernando Valley was filled with growing and dwindling cattle ranches due to unpredictable weather. This started to subside into the late nineteenth century but was not negated until pumping units and aqueducts were later utilized (Jorgensen 1988). During this time, a new route, known as the Santa Susana Pass, was opened up to the east to bypass the older Devil's Slide, linking San Fernando, Simi

Valley, and the greater Los Angeles Basin together and becoming not only a well-traveled wagon route but the first automobile route to link the valleys. This opened the flood gates of an urban population boom within the San Fernando Valley in conjunction with what was already occurring within the greater Los Angeles Basin to the east (Bevill 2007). The creation of these passes was followed by a push of the San Fernando Valley to bring water from the Owens Valley to the north. Construction began in 1908, linking the Los Angeles Aqueduct into the San Fernando Valley. This was to avoid depleting underground resources that were starting to plague the area due to this population explosion. Liquid fuel-powered well water pumps located throughout the area fell out of favor as water from the Los Angeles Aqueduct started to flow (Jorgensen 1988:121).

The beginning of the twentieth century saw the florescence of a uniquely suburban metropolis, where a vast network of residential communities overshadowed city centers, where the single-family home was valued over the high-rise, and where private space took precedence over public space (Hawthorne 2006). This landscape demanded an innovative transportation solution, and Los Angeles embraced automobiles and freeways like no other city had. The first homemade car puttered down city streets in 1897. Seven years later, the first grand theft auto was reported by Los Angeles Police (Wilkman and Wilkman 2006:50). Inexpensive automobiles gained popularity in the 1920s, soon creating tremendous congestion in the centers of cities and necessitating alternate transportation routes. Dozens of freeways were constructed in the post-World War II years, radically altering the character of Los Angeles by simultaneously dividing local neighborhoods and connecting outlying communities.

Site-Specific History

The Security First National Bank branch building, located at 1819 S. Western Avenue, was constructed in 1961. Security First National Bank was the successor to Farmers and Merchants Bank of Los Angeles (established in 1870). By 1967, Security First National Bank merged with the San Francisco-based Pacific National Bank, and the company changed its name to Security Pacific Bank (LAT 1992). After 24 years, Security Pacific Bank ultimately merged with Bank of America in 1991 (LAT 1992).

During the 1970s and 1980s, Security Pacific Bank was the center of some of the largest bank robberies of the twentieth century. In 1978, computer analyst Stanley Mark Rifkin arranged through computer transfer $10.2 million from the bank to his personal account at the Irving Trust Company in New York (NYT 1979). He then withdrew the money from New York, and purchased $8.1 million in diamonds in Switzerland (NYT 1979). Rifkin was caught upon his return to the United States and Security Pacific Bank took possession of the diamonds (NYT 1979). Later in 1980, a bank robbery at the Security Pacific Bank branch location in Norco, California, became national news. The robbery resulted in a 25-mile-long gun battle/car chase, 33 patrol cars destroyed, one sheriff's helicopter shot down, several wounded civilians and deputies, and other casualties (RSA 2010). The 1819 S. Western Avenue property, then a Security Pacific Bank branch, was associated with the crime spree committed by bank robber Robert Allan Bray, who committed 58 bank robberies in three months during 1983 (LAT 1983). The Western Avenue property was the first location Bray robbed.

The Modern-style building was designed by the architectural firm Palmer and Krisel and built by the Oltmans Construction Company (LAT 1961). William Krisel and Dan Saxon Palmer formed the partnership 1949 through 1966. The Palmer and Krisel firm is best known for its Modern-style postwar tract home developments in Southern California (Los Angeles Conservancy 2018). The firm stood out for its modular post and beam construction styles and use of modern design for affordable tract housing, commercial, and multi-unit residential architecture (Modern San Diego 2018). The Oltmans Construction Company, founded in 1932, gained wide recognition for pioneering tilt-up construction techniques in the 1940s, and worked on many large Southern California commercial, industrial, and residential building contracts (Oltmans 2018)

When the building was originally constructed, it featured a rooftop sign (8 feet by 18 feet). In 1969, after it was discovered that the sign was installed without the correct building permit, it was removed, and a freestanding pole-mounted sign was installed on the property (LADBS 1961b, 1969). In 1973, the original fixed windows in the first story of the east elevation were removed and replaced with teller/service windows (LADBS 1973). In 1985, a permit was issued to construct a new 6-foot by 6-foot wall opening for new automated teller machine (ATM) equipment (LADBS 1985). In 1989, a new walk-up teller machine was installed (LADBS 1989). In 1995, the building was donated to the City Department of General Services to be used as a police substation. The Koreatown and West Adams Public Safety Association financed a reconfiguration and renovation project for the building to create the substation offices and a community center (LAT 1995). Delays stalled the project until 1998 (LADBS 1997). In 1998, the steel stairway was added to the building (LADBS 1998). From 2004 to 2005, a new

door was added to the building, new partitions were installed in the interior of the building, and a building addition on the west elevation was built for a storage room adjacent to the elevator shaft (LADBS 2004, 2005).

Modern-Style Architecture

Modern architecture began in the late 1920s and early 1930s and extended through the 1970s, although the modern era in the United States is most closely associated with the two decades following World War II. The overarching label of "Modern," although imprecise, can generally be characterized by buildings exhibiting simple volumes (in institutional and commercial buildings) and a lack of decorative detail. Additional characteristics include a use of materials in place of decorative details, and the use of natural colors and textures of materials to embellish a building (for example, employing brick or concrete for decorative effect). The modern era was also a time, however, when new materials and construction methods were explored. An example is curtain wall construction, which utilizes aluminum frames for window walls in place of steel, and new material combinations in the solid spandrel panels that separate them. Additional examples include thin shell construction, folded plate construction, and the hyperbolic paraboloid (Painter 2010:22–23).

The Mid-20th Century Modern storefront layout, popular from the 1940s through 1970, is characterized by horizontal emphasis, asymmetrical and angled storefronts, exaggerated-modern massing and experimental structure, cantilevered and rod/column-supported canopies, fixed awnings, display cases (cantilevered, free-standing, and picture-framed), signs (façade as billboard, channel-set neon tubing set within metal letters, reverse channel-set letters, programmatic, internally illuminated back-lit metal box, individual letters pinned to the wall or mounted to a canopy, projecting signs, and post signs), tempered glass doors with sleek handles and hardware, and recessed lighting in entry lobbies. Common wall cladding materials include brick, masonry, stucco, porcelain enamel, structural glass, wood, tile, and metal (aluminum and steel) screens. Terrazzo flooring was popular as were flat glass walls. Variations on this style can be found on older buildings where "slipcovers" were applied to the façade to cover sections of upper stories with a monolithic surface of large panels or small-scale units such as tile. These two-story slip-cover versions of the style often feature a vertical sign that projects from the upper façade or large letters that scroll across the entire upper façade (Dyson 2008, Jackson 2000).

Archival Research

Archival research of the project site was conducted by AECOM archaeologist Marc A. Beherec, Ph.D., RPA, at the South Central Coastal Information Center (SCCIC) housed at California State University, Fullerton on September 18, 2018. The research focused on the identification of previously recorded cultural resources within a 0.5-mile radius of the proposed project footprint. The archival research included review of previously recorded archaeological site records and reports, historic site and property inventories, and historic maps. Inventories of the National Register of Historic Places (NRHP), the California Register of Historical Resources (CRHR), the California State Historic Resources Inventory (HRI), California Historical Landmarks and Points of Interest, and the list of City of Los Angeles Historic-Cultural Monuments (LAHCMs) were also reviewed to identify cultural resources within a 0.5-mile radius of the project area.

Research at the SCCIC was supplemented with additional research in other archives, relevant online repositories, and AECOM's holdings. Archival research included a Sacred Lands File (SLF) search and Native American contact program. Finally, geologic maps and the results of past paleontological work in the vicinity were consulted to establish the area's paleontological sensitivity.

Previous Cultural Resources Investigations Reports

A total of 10 previous cultural resources investigations have been conducted within 0.5 mile of the project area (Table 1). These include four cultural resources surveys and determination requests prepared for cell phone tower sites, four cultural resources surveys associated with rail corridor projects, one cultural resources survey of a parcel to be developed as an apartment complex, and one analysis of improvements to signage on Interstate 10. None of these studies overlap the planned project area.

Table 1. Previous Investigations Conducted within 0.5 Mile of the Project Area

Author	Report #	Description	Date
Wlodarski, Robert J.	LA-06426	A Phase I Archaeological Study for the Proposed Pice Gramercy Apartment Project Located at 3201 West Pico Boulevard, City of Los Angeles, County of Los Angeles, California	2002
Smith, Philomene C.	LA-06505	Highway Project of Replacing the Existing Overhead Reflective Sign Panels In-kind with Retro-reflective Panels	2000
Greenwood, Roberta S.	LA-07562	Additional Information for DSEIS, Core Study Alignments 1, 2, 3, 4, and 5	1987
Anonymous	LA-07565	Technical Report Archaeology Los Angeles Rail Rapid Transit Project "Metro Rail" Core Study, Candidate Alignments 1 to 5	1987
Hatheway, Roger G., and Kevin J. Peter	LA-07566	Technical Report DSEIS, Core Study Alignments 1, 2, 3, 4, and 5	1987
Bonner, Wayne H.	LA-07734	Cultural Resources Records Search Results and Site Visit for Cingular Wireless Candidate LA03294A (Pico and Arlington), 1310 South Wilton Place, Los Angles, Los Angeles County, California	2006
Anonymous	LA-08020	Technical Report: Cultural Resources Los Angeles Rail Rapid Transit Project "Metro Rail" Core Study	1987
Hartoff, Brian	LA-10983	Results of Architectural History Survey for Verizon Cellular Communications Tower Site—Merquist, 2461 West Washington Boulevard, Los Angeles, CA 90018	2010
Bonner, Wayne, and Kathleen Crawford	LA-12175	Cultural Resource Assessment Cingular Wireless Facility No. Sc-610-01 City and County of Los Angeles, California	2004
Wills, Carrie, and Kathleen Crawford	LA-12716	Cultural Resources Records Search and Site Visit Results for Verizon Wireless Candidate "W 15th St" 2282 Cambridge Street, Los Angeles, Los Angeles County, California	2014

Previously Recorded Cultural Resources

The SCCIC records search identified 10 previously recorded cultural resources mapped within 0.5 mile of the project area (Table 2). All of the resources are historic buildings. They include five single-family residences, one cultural center that originally served as a single-family residence, one apartment building, one library, one commercial building, and one historic district. No prehistoric sites or resources of Native American origin are documented within 0.5 mile of the project area. None of the resources is located within the project area itself.

Table 2. Previously Recorded Cultural Resource Sites within 0.5 Mile of the Project Area

Primary Number (P-19-)	Historic Name/Description	Time Period	Eligibility Evaluation
167097	Frederick Hastings Rindge Residence	1902	Listed in CRHR and NRHP
167291	Washington Irving Branch Library, Los Angeles Public Library System	1926	Listed in CRHR and NRHP
171510	James Smith Residence	Ca. 1904	Recommended eligible for listing in CRHR and NRHP as contributor to a historic district
172489	1245 S. St. Andrews Place	1909	Recommended eligible for CRHR and NRHP
172490	American-Hungarian Cultural Center	1908	Recommended eligible for CRHR and NRHP
173883	West Adams Heights Historic District	1904–1911	Recommended eligible for NRHP and CRHR; nomination to NRHP submitted but withdrawn
174057	Ramsay-Durfee Estate	1907–1908	Listed in NRHP and CRHR
175643	2315 West 21st Street	1908	Contributor to a district determined eligible for NRHP by consensus through the Section 106 process;

Primary Number (P-19-)	Historic Name/Description	Time Period	Eligibility Evaluation
			listed in CRHR
189241	2461 West Washington Boulevard Commercial Building	1936	Recommended not eligible for NRHP, CRHR, or local designation
190975	2282 Cambridge Street Apartment Building	Ca. 1927	Recommended not eligible for NRHP; not evaluated for CRHR

California State Historic Resources Inventory

Study of the California Office of Historic Preservation (OHP)'s HRI focused on properties within 0.5 mile of the project area that faced streets bordering the project area. The HRI lists eight historic resources within 0.5 mile of the project site (Table 3). The properties, most of which are single-family residences, date from 1907 through 1921.

Table 3. Properties on the HRI Bordering Streets Facing the Project Area within 0.5 Mile of the Project Area

Primary Number (P-19-)	Historic Address	Time Period	Eligibility Evaluation
172494	1240 S. Manhattan Place	1915	Recommended eligible for NRHP and CRHR
172495	1254 S. Manhattan Place	1915	Recommended eligible for NRHP and CRHR
173533	1519 S. Manhattan Place	–*	Determined ineligible for NRHP by consensus through the Section 106 process; not evaluated for CRHR
172501	1250 S. Western Avenue	1928	Needs to be reevaluated
163092;174851	1841 S. Western Avenue	1920	Determined ineligible for local listing or designation through local government review process; may warrant special consideration in local planning
–*	2216 S. Western Avenue	1921	Determined ineligible for NRHP by consensus through the Section 106 process; not evaluated for CRHR or local listing
123779	2226 S. Western Avenue	1910	Determined ineligible for NRHP by consensus through the Section 106 process; not evaluated for CRHR or local listing
162697; 174057	2425 S. Western Avenue, Ramsay-Durfee Estate, Villa Maria	1907	Individual property listed in NRHP by the Keeper; listed in CRHR

*Indicates none documented in HRI.

California Historical Landmarks

California Historical Landmarks are buildings, structures, sites, or places that have been determined to have statewide historical interest. No California Historic Landmarks were identified within 0.5 mile of the project area.

Los Angeles Historic-Cultural Monuments

LAHCMs are sites that have been designated by the Los Angeles Cultural Heritage Commission as worthy of preservation based on their architectural, historic, and cultural merits. A search of the LAHCMs found 15

monuments within 0.5 mile of the project area (Table 4). These include 13 residences, the Ray Charles Worldwide Offices and Studios, and the Washington Irving Branch of the Los Angeles Public Library.

Table 4. Los Angeles Historic-Cultural Monuments within 0.5 Mile of the Project Area

LAHCM Number	Historic Name/Description
95	Rindge House
117	Residence (2218 South Harvard Boulevard)
230	Villa Maria (Ramsay-Durfee House)
307	Washington Irving Branch Library
551	Thomas W. Philips Residence
599	Julius Bierlich Residence
601	Gramercy Homestead Park
625	Thomas Butler Henry Residence
627	John F. Powers Residence
662	Perrine House
761	Kissam House
776	Ray Charles Worldwide Offices and Studios
818	J.R. Dennison House
854	Cline Residence and Museum
855	Statton Residence

Historic Maps

Relevant historic and ethnographic maps at the SCCIC, online, and in AECOM's possession were consulted to understand past land use and disturbance and to identify possible locations of archaeological sensitivity within the project area. U.S. General Land Office maps, the City of Los Angeles Annexation Map, Baist Real Estate Atlases, and Sanborn Fire Insurance maps were all consulted in this analysis.

Maps prepared by anthropologists or at the direction of local tribes were consulted. These include maps published by A.L. Kroeber and William McCawley (Kroeber 1925; McCawley 1996); *Tongva Villages: Gabrieleno-Fernandeno of the Los Angeles Basin,* prepared by Keepers of Indigenous Ways (Sutimiv-Pa'alat 2010); *Kizh Tribal Territory (Gabrieleno Indian Lands),* prepared by archaeologist Gary Stickel for the Gabrieleno Band of Mission Indians-Kizh Nation (Flaherty 2016); and *Native California: Los Angeles County* (Fernandeno Tataviam Band of Mission Indians 2014). These maps do not show any tribal villages within or near the proposed project area of potential effects. The closest village shown on these maps is *Yanga*, in the vicinity of the modern Civic Center

The project area is located between two Spanish/Mexican land grants. It is approximately 1.4 miles west of the western boundary of the City Lands of Los Angeles land grant. It is approximately 0.5 mile east of the eastern boundary of the Rancho Las Cienegas land grant.

The earliest map of the project area, the General Lands Office map surveyed between 1853 and 1874, shows San Vicente Road and La Ballona Road passing near the project area, which is undeveloped. An unnamed wash passes through or near the project area.

The project area was part of the Southern & Western Annexation of April 2, 1896, after which date it fell within the City of Los Angeles (City of Los Angeles 2015).

In the 1907 Sanborn map of the project vicinity, all the streets exist in their modern configurations. The project area is undeveloped. The only improvements within the city block on which the project area is located are a dwelling at 1831 S. Western Avenue and, just north of the project area, a large building labeled Harvard Heights Church. North of West 18th Street is a large campus labeled "The Harvard School (Military)," with the southern part of the campus devoted to athletic and drill grounds (Sanborn 1907: Vol 7, Sheet 816).

The 1910 Baist map shows a small frame building entirely contained within the footprint of the building that now stands at 1819 S. Western Avenue. Just north of the project area is a large building labeled "Pres^{bt}. Church." Harvard College occupies the city block north of 18th Street. The city block on which the project area is located is labeled "Strong & Dickinson's W. Wash. St. Tr." (Baist 1910: Pl. 17). The 1914 map is essentially the same (Baist 1914: Pl. 17). In the 1921 map, the project area retains its small frame building, but the church north of it has been demolished (Baist 1921: Pl. 17).

The frame building shown at 1819 S. Western Avenue in the Baist maps no longer appears in the 1921 Sanborn map. Instead, 1819 S. Western Avenue appears empty. A dwelling stands at 1823 S. Western Avenue. In addition, a multi-family dwelling labeled "4 flats" stands at 1822 Manhattan Place, and an automobile garage stands on the property behind that apartment complex (Sanborn 1921: Vol. 8, Sheet 868).

In the 1954 Sanborn map, 1819 S. Western Avenue is still unoccupied. The dwelling at 1823 S. Western Avenue has been expanded and appears to now serve as a multi-family residence. In addition, a second dwelling has been constructed behind the first. The property at 1822 South Manhattan Place retains its four-apartment building and garage. At 1834 South Manhattan Place, a dwelling and small garage have been constructed (Sanborn 1954: Vol. 8, Sheet 868).

Native American Contact Program

As part of this investigation, an SLF search of the project area and vicinity was requested from the Native American Heritage Commission (NAHC). A letter was prepared and mailed to NAHC on September 17, 2018. The letter requested that an SLF check be conducted for the proposed project and that contact information be provided for Native American groups or individuals who may have concerns about cultural resources within the project site. AECOM and the City of Los Angeles Bureau of Engineering (LABOE) are awaiting a response.

In anticipation of the NAHC response, AECOM contacted Native American groups expected to be identified by the NAHC with a letter dated September 19, 2018. A letter dated October 11, 2018 was sent to each tribe identified in the NAHC response which was not initially contacted. The letter briefly described the proposed project and its geographical location, and requested any information the tribes could provide regarding tribal concerns and the sensitivity for unknown tribal cultural resources within the project area. The results of the SLF search and Native American contact are included in confidential Attachment 2.

Paleontological Research

The project area is located wholly within an area marked as older Quaternary deposits (Dibblee and Ehrenspeck 1991). Excavations in Hollywood have yielded fossils of horse, bison, camel, and mastodon at depths ranging from 5 feet to 65 feet in older Quaternary alluvium (McLeod 2017).

Field Methods and Results

Archaeological Survey

An archaeological field survey of the project area was conducted on September 18, 2018, by AECOM archaeologist Marc A. Beherec, RPA. Dr. Beherec meets the Secretary of the Interior's Professional Qualification Standards in Archaeology. The purpose of the survey was to identify and record cultural resources that are at least 45 years old and evaluate any discovered resources for historical significance based on criteria for listing in the CRHR.

The site is an active parking lot, and approximately 95% of the project area is currently paved over. Archaeological survey focused on those areas where soil was visible, such as planters and landscaped areas, and 100% of these areas were inspected. Throughout the surveyed areas, the soil is predominantly a densely packed light tan, fine-grained silty sand with worn cobble and pebble granitic inclusions. Previous ground disturbance has impacted 100% of the project area due to parking lot construction and landscaping. Planters on the site contained eucalyptus and pepper trees.

In the course of the field survey, no archaeological resources meeting the age criterion of 45 years or more were identified.

Built Environment Survey

An intensive-level built environment survey of the properties within the project area was conducted on September 18, 2018. Based on the survey and property-specific research, one previously unevaluated built environment resource within the project area was recorded and evaluated: 1819 S. Western Avenue. Architectural historian Monica Mello recorded and evaluated the built environment resource. Ms. Mello meets the Secretary of the Interior's Professional Qualification Standards in Architectural History and History. In accordance with regulations promulgated by the National Parks Service and OHP, properties within the project area were inspected and photographed in the field, and were documented in detail on California Department of Parks and Recreation (DPR) 523 forms (Derry et al. 1985). California DPR 523 forms are included in Attachment 3.

Security First National Bank, 1819 S. Western Avenue

The former Security First National Bank building is located at 1819 S. Western Avenue (Figures 1 and 2). This property was built in 1961 and is a Modern-style commercial building. It occupies the northeast side of the lot and has an east-facing orientation toward Western Avenue.



Figure 1. 1819 S. Western Avenue, view southwest, September 18, 2018



Figure 2. 1819 S. Western Avenue, view east, September 18, 2018

The building has an L-shaped plan and sits on a concrete foundation. The eastern portion of the building is two stories, and the rear western extension is one story. The building's exterior walls are running bond brick and smooth stucco veneer over concrete-and-streel construction. The building has a flat roof covered with composite material and a metal cornice. The property has an asphalt parking lot occupying the south and west portions of the lot and is enclosed by a metal security fence with mechanized gates. A freestanding pole-mounted sign is located south of the building.

The east façade is characterized by a centrally located cantilevered awning flanked by brick-clad blocks (Figure 1). The east façade has no entryways. The cantilevered awning originally protected the former bank's walk-up teller window and ATM machines, which have since been removed. The first story includes two aluminum frame, fixed windows; the second story features an asymmetrical arrangement of three windows. Multiple signs are adhered to the east elevation walls: the sign beneath the awning depicts "Herb J. Wesson Jr., Council Member 10th District. Los Angeles Council President, District Office;" and a City seal with address identifier signage along the wall to the north. Recessed within the brick block to the south is a rectangular bank security alarm panel.

The building's primary entrance is located in the south elevation (Figure 2). The south elevation contains a two-story elevator shaft and storage room addition to the east, and a one-story building extension to the west. The one-story block is largely unadorned, constructed of brick, and has no windows. The west elevation of the one-story block has no windows or doors. There are two steel doors along the west-facing portion of the two-story building block; one is located in the first story and one is located in the second story accessed via a metal straight run stair.

When the building was constructed, the interior included a mezzanine floor, fluorescent lighting, and acoustical tile ceilings (LAT 1961). After an extensive renovation project in the 2000s, the building's interior plan was converted from use as a bank to offices.

Overall, the building exterior retains many of its original materials. Modern piping, electrical conduits, signage, security cameras, and outdoor lighting have also been attached to the exterior walls.

Resource Evaluation

Based on site investigations and historic research, the property located at 1819 S. Western Avenue is not eligible for listing in the NRHP or CRHR as an individual resource or as a contributor to a potential historic district, if it is ever determined such a historic district exists. The following provides more information regarding the evaluation of the property.

To be eligible for the NRHP, properties must retain their historic integrity and must be significant at the local, state, or national level, under one or more of the following four criteria, which are defined as any resource that:

- Criterion A. Is associated with events that have made a significant contribution to the broad patterns of our history; or
- Criterion B. Is associated with the lives of significant persons in our past; or
- Criterion C. Embodies the distinctive characteristics of a type, period, or method of construction, or that represents the work of a master, or that possesses high artistic values, or that represents a significant and distinguishable entity whose components may lack individual distinction; or
- Criterion D. Hs yielded or may be likely to yield, information important in history or prehistory.

To be eligible for the CRHR, properties must retain their historic integrity and must be significant at the local, state, or national level, under one or more of the following four criteria:

- Criterion 1. It is associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the United States; or
- Criterion 2. It is associated with the lives of persons important to local, California, or national history; or
- Criterion 3. It embodies the distinctive characteristics of a type, period, region, or method or construction, or represents the work of a master, or possesses high artistic values; or
- Criterion 4. It has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation.

Criterion A/1 – Event

Under NRHP Criterion A or CRHR Criterion 1, the building at 1819 S. Western Avenue has no significant association with important historic events. The building on this parcel, constructed in 1961, was built and occupied by the Security First National Bank as a branch location. The building is most closely associated with the crime spree committed by bank robber Robert Allan Bray, who committed 58 bank robberies in three months during 1983 (LAT 1983). The 1819 S. Western Avenue property, then a Security Pacific Bank branch, was the first location where Bray began his crime spree. Despite Bray's numerous robberies, he was ultimately apprehended and the total amount of money he stole was minor in comparison to other robberies committed at other more prominent Security Pacific Bank locations during the 1970s and 1980s. Furthermore, as a modest bank branch location, the building only has a minor association with the commercial development of the Harvard Heights neighborhood.

Criterion B/2 – Person

The property located at 1819 S. Western Avenue is not associated with any significant person in history. The building has had numerous property owners since its construction in 1961. Security First National Bank and its subsequent merger companies, Security Pacific and later Bank of America, are associated with numerous personnel, the most significant of which (such as the banks' presidents, directors, and other decision makers) are not associated with this location. Research did not indicate that any individuals, such as business owners related to the development and use of this building, made demonstrably important contributions to history at the local, state, or national level. Commercial properties such as these are rarely associated with a single individual and generally lack the ability to illustrate an individual's contributions to history. Therefore, the property does not meet NRHP Criterion B or CRHR Criterion 2.

Criterion C/3 – Design/Construction

Under NRHP Criterion C or CRHR Criterion 3, this building is not significant because it is not an important example of a type, period, or method of construction. Modern-style buildings were in wide use during the twentieth century as commercial properties throughout California. The Modern-style commercial building at 1819 S. Western Avenue is a typical and unremarkable example of mid-twentieth century trends. The building on this parcel also lacks the high artistic value or distinctive design that would merit listing in the NRHP and CRHR.

The property was designed by Los Angeles architects William Krisel and Dan Saxon Palmer (of the architectural firm Palmer and Krisel) and was built by the Oltmans Construction Company (LAT 1961). Krisel and Palmer formed a partnership 1949 through 1966. The Palmer and Krisel firm is best known for its Modern-style postwar

tract home developments in Southern California (Los Angeles Conservancy 2018). The firm stood out for its modular post and beam construction styles and use of modern design for affordable tract housing, commercial, and multi-unit residential architecture (Modern San Diego 2018). The Oltmans Construction Company, founded in 1932, gained wide recognition for pioneering tilt-up construction techniques in the 1940s, and worked on many large Southern California commercial, industrial, and residential building contracts (Oltmans 2018).

Although the building was designed by well-known builders and architects, the former Security First National Bank building is not a representative example of their overall compendium of work. Compared to other Modern-style commercial buildings constructed by the team, this building lacks the modular post and beam construction elements often found in their other works. This building was one of many constructed by the team and largely lacks architectural distinction; subsequent additions and alterations have further stripped the building of its original architectural design. Therefore, the property is not eligible for listing in the NRHP under Criterion C or the CRHR under Criterion 3.

Criterion D/4 – Information Potential
The property has not yielded, nor is it likely to yield, information important in prehistory or history; therefore, it is ineligible to the NRHP under Criterion D or the CRHR under Criterion 4.

In conclusion, the property located at 1819 S. Western Avenue is not eligible for listing in the NRHP or CRHR (for more information, see Attachment 3). It is associated with bank robberies in Los Angeles during the 1980s and the commercial development of the Harvard Heights neighborhood. The property is a typical example of commercial Modern-style architecture, and its integrity has been compromised by alterations completed since its 1961 construction. It does not meet any significance criteria necessary for eligibility in the NRHP or CRHR. Therefore, the property is not eligible for listing in the NRHP or CRHR, and is not considered a historical resource for the purposes of the California Environmental Quality Act.

Recommendations

The following section presents recommendations for further action regarding paleontological, archaeological, and tribal cultural resources within the project area. These recommendations are based on information collected from archival research, which examined records kept at the SCCIC, local cultural resource listings, County Assessors' parcel records, historic maps, contemporary archaeological literature, local prehistoric land use patterns and resource availability, information provided by Native American representatives, and the results of the field survey. All of these investigations and resource documentation serve to inform the recommendations provided for cultural resources in the project area.

The sensitivity of the proposed project to encounter significant fossil remains appears low. Geologic maps indicate that the project area lies within an area mapped as having surficial deposits of Quaternary alluvium. Older Quaternary alluvial deposits in the City of Los Angeles have yielded significant fossils. However, the shallow excavations associated with the proposed project, which are not anticipated to exceed 4 feet in depth, are unlikely to yield intact fossils. Building permits indicate that all four parcels within the project area were graded after 1961. Soils at the relatively shallow depths required for project excavations can reasonably be assumed to have been disturbed in the recent past by grading, utilities excavations, and the construction and demolition of the existing building, as well as by natural weathering. If potential fossil remains are encountered by the proposed project, work will be temporarily halted in the vicinity of the find and LABOE will contact a qualified paleontologist to evaluate and determine appropriate treatment for the resource.

Based on the results of the archival research and field survey, there is low potential that archaeological resources will be encountered during ground-disturbing activities for the proposed project. Ground disturbance required for the proposed project will not exceed 4 feet in depth. Building permits indicate that all four parcels within the project area were graded after 1961. Soils at the relatively shallow depths required for project excavations can reasonably be assumed to have been disturbed in the recent past by grading, utilities excavations, and the construction and demolition of the existing building. If archaeological resources are encountered during ground-disturbing activities, work will be temporarily halted in the vicinity of the find and LABOE will contact a qualified archaeologist to evaluate and determine appropriate treatment for the resource in accordance with Public Resources Code (PRC) Section 21083.2(i).

The sensitivity of the project area for tribal cultural resources appears low. The NAHC conducted an SLF search, which was negative. No potential tribal cultural resources were identified during the archival research or the field survey. The Native American contact program is detailed in Attachment 2. However, if any Native American cultural material is encountered within the project site, interested Native American parties established in the contact program or through consultation with the lead agency will be notified. LABOE should determine during consultation if the resources constitute tribal cultural resources and solicit any comments the Native American parties may have regarding appropriate treatment and disposition of the resources.

If human remains are discovered, work in the immediate vicinity of the discovery will be suspended and the Los Angeles County Coroner contacted. If the remains are deemed Native American in origin, the Coroner will contact the NAHC and identify a Most Likely Descendant pursuant to PRC Section 5097.98 and California Code of Regulations Section 15064.5. Work may be resumed at the landowner's discretion but will only commence after consultation and treatment have been concluded. Work may continue on other parts of the project site while consultation and treatment are conducted.

Prepared by



Marc A. Beherec, Ph.D., RPA
Archaeologist



Monica Mello, MA
Architectural Historian

Attachment 1 – Project Area Maps
Attachment 2 – Sacred Lands File Search and Native American Contact Program (Confidential)
Attachment 3 – California Department of Parks and Recreation (DPR) 523 Forms

References

Arnold, J. E., M. R. Walsh, and S. E. Hollimon
2004 The Archaeology of California. *Journal of Archaeological Research* 12:1–73.

Baist, G. W.
1910 *Baist Real Estate Atlas Surveys of Los Angeles, California.* G.W. Baist, Philadelphia.

1914 *Baist Real Estate Atlas Surveys of Los Angeles, California.* G.W. Baist, Philadelphia.

1921 *Baist Real Estate Atlas Surveys of Los Angeles, California.* G.W. Baist, Philadelphia.

Bean, Lowell John, and Charles R. Smith
1978 Gabrielino. In *Handbook of North American Indians*, Vol. 8, pp. 538–562. Robert F. Heizer, editor. Smithsonian Institution, Washington, D.C.

Bevill, Arthur D.
2007 *Santa Susana Pass State Historic Park Cultural Resource Survey - Historic Overview*.

City of Los Angeles
2015 Annexation and Detachment Map. Los Angeles: Los Angeles Department of Public Works Bureau of Engineering.

Derry, Anne, H. Ward Jandl, Carol D. Shull, and Jan Thorman
1985 *Guidelines for Local Surveys: A Basis for Preservation Planning, National Register Bulletin 24*. National Parks Service.

Dibblee, T. W., and H. E. Ehrenspeck, editors
1991 *Geologic Map of the Hollywood and Burbank (South 1/2) Quadrangles, Los Angeles, California.* 1:24000 Scale. Camarillo: Dibblee Geological Foundation.

Dyson, Carol J.
2008 "How to Work with Storefronts of the Mid-Twentieth Century: a Mid-Twentieth Century Storefront Components Guide." *National Main Streets Conference.* Available at http://www.illinois-history.gov/ps/midcentury.htm. Accessed September 2012.

Erlandson, Jon M.
1994 *Early Hunter-Gatherers of the California Coast.* Plenum Press, New York.

Fernandeno Tataviam Band of Mission Indians
2014 Map: *Native California: Los Angeles County*. San Fernando: Fernandeno Tataviam Band of Mission Indians.

Flaherty, James
2016 Map: *Kizh Tribal Territory (Gabrieleno Indian Lands).* Covina, CA: Kizh Tribal Press.

Gumprecht, Blake
1999 *The Los Angeles River: Its Life, Death and Possible Rebirth*. John Hopkins University Press, Baltimore, MD.

Hawthorne, Christopher
2006 Hooray for Sprawlywood. *Los Angeles Times.* 3 December:S6. Los Angeles.

Jackson, Mike
2000 "'Storefronts of Tomorrow': American Storefront Design from 1940 to 1970." *Preserving the Recent Past 2.* Deborah Slaton and William G. Foulks, eds. Washington, D.C.: Historic Preservation Education Foundation, National Park Service, and Association for Preservation Technology

International. Available at http://www.illinoishistory.gov/ps/mid-century/Storefronts%20of%20Tomorrow.pdf. Accessed September 2012.

Jackson, Robert H.
1999 Agriculture, Drought & Chumash Congregation in the California Missions (1782-1834), *California Mission Studies Association*. Articles, May Newsletter.

Jorgensen, Lawrence C.
1988 *The San Fernando Valley Past and Present*, Pacific Rim Research, ISBN 0-941014-00-2.

Kline, George E., and Victoria L. Kline
2007 Fluted Point Recovered from San Diego County Excavation. *Proceedings of the Society for California Archaeology* 20:55–59.

Kroeber, A. L.
1925 Handbook of Indians of California. *Bureau of American Ethnology Bulletin 78*, Smithsonian Institution, Washington D.C.

Los Angeles Conservancy
2018 "William Krisel." Electronic document. Available at https://www.laconservancy.org/architects/william-krisel. Accessed September 27, 2018.

Los Angeles Times (LAT)
1961 "Branch Being Readied." July 16, 1961.

1983 "Bandit puts Jesse James to Shame: 58 Bank Holdups in 3 Months." April 25, 1983.

1992 "Security Pacific: A History." April 22, 1992.

1995 "Los Angeles City Hall Journal." July 2, 1995.

Los Angeles Department of Building and Safety (LADBS)
1961a Building Permit, Record ID: 8685305, May 10, 1961.

1961b Building Permit, Record ID: 55579515, May 10, 1961.

1969 Building Permit, Record ID: 55875411, March 13, 1969.

1973 Building Permit, Record ID: 56075197, December 27, 1973.

1985 Building Permit, Record ID: 56597107, January 28, 1985.

1989 Building Permit, Record ID: 57150447, May 31, 1989.

1997 Administrative Approval, Record ID: 5847286, November 24, 1997.

1998 Building Permit, Record ID: 61335022, January 30, 1998.

2004 Administrative Approval, Record ID: 50141770. March 16, 2004.

2005 Building Permit, Record ID: 50339020, April 25, 2005.

McCawley, William C.
1996 *The First Angelinos: The Gabrielino Indians of Los Angeles.* Malki Museum Press, Banning.

McLeod, Samuel
2017 Letter re: Vertebrate Paleontology Records Check for Paleontological Resources for the Proposed 1111 Sunset Project, Project Code 17SB02, in the City of Los Angeles, Los Angeles County, Project Area. Appendix B in Appendix IS-4, *Cultural and Paleontological Resource*

Evaluation and Impact Assessment for the 1111 Sunset Boulevard Project, City of Los Angeles, California, by Angela H. Keller, Karen K. Swope, Carrie J. Gregory, Michael R. O'Connell, Joseph J. El Adli, and Donn R. Grenda. Available at https://planning.lacity.org/eir/nops/1111_Sunset/appendices.pdf. Accessed July 23, 2018.

Meyer, L.
1981 *Los Angeles, 1781–1981*. A special bicentennial issue of California history, Spring 1981. California Historical Society, Los Angeles.

Modern San Diego
2018 "William Krisel." Electronic document. Available at http://www.modernsandiego.com/KriselWilliam.html. Accessed September 27, 2018.

New York Times (NYT)
1979 "Computer Analyst Sentenced to 8 Years in Bank Theft." March 27, 1979.

Oltmans Construction Company
2018 "About Us, History." Electronic document. Available at http://www.oltmans.com/about-us/history. Accessed September 27, 2018.

Paddison, Joshua
1999 *A World Transformed: Firsthand Accounts of California Before the Gold Rush.* Heyday Books, Berkeley, CA. ISBN 1-890771-13-9.

Painter, Diana J.
2010 *Montana Post-World War II Architectural Survey and Inventory Historic Context and Survey Report.*

Reid, Hugo
1939 [1852] Letters on the Los Angeles County Indians. In *A Scotch Paisano in Old Los Angeles*, edited by Susanna Bryant Dakin, pp. 215–286. University of California Press.

1977 [1851] The Decay of the Mission. In *Los Angeles, Biography of a City*, edited by John Caughey and LaRee Caughey, pp. 102–104. Berkeley, CA: University of California Press.

Riverside Sheriff's Association (RSA)
2010 "The Norco Bank Robbery." Electronic document Available at http://www.rcdsa.org/norcorobbery/robbery.html. Accessed September 28, 2018.

Rondeau, Michael F.
2008 Fluted Points of the Far West. *Proceedings of the Society for California Archaeology* 21:265–-274.

Sanborn Map Company
1907 Insurance Maps of Los Angeles, California. New York: Sanborn Map Company.

1921 Insurance Maps of Los Angeles, California. New York: Sanborn Map Company.

1954 Insurance Maps of Los Angeles, California. New York: Sanborn Map Company.

Shipley, William F.
1978 Native Languages of California. In *Handbook of North American Indians*, Vol. 9, pp. 80–90. Robert F. Heizer, editor. Smithsonian Institution, Washington, D.C.

Stickel, E. Gary
2008 The Farpoint Site (CA-LAN-451): A Unique Clovis Culture Site of the First Americans on the Malibu Coast. Available at http://farpointsite.blogspot.com/2008/02/farpoint-site-ca-lan-451-unique-clovis.html. Accessed December 27, 2013.

Sutimiv-Pa'alat
2010 Map: *Tongva Villages: Gabrieleno-Fernandeno of the Los Angeles Basin.* San Pedro, CA: Keepers of Indigenous Ways.

Wallace, William J.
1955 A Suggested Chronology for Southern California Coastal Archaeology. *Southwestern Journal of Anthropology* 11(3): 214–230.

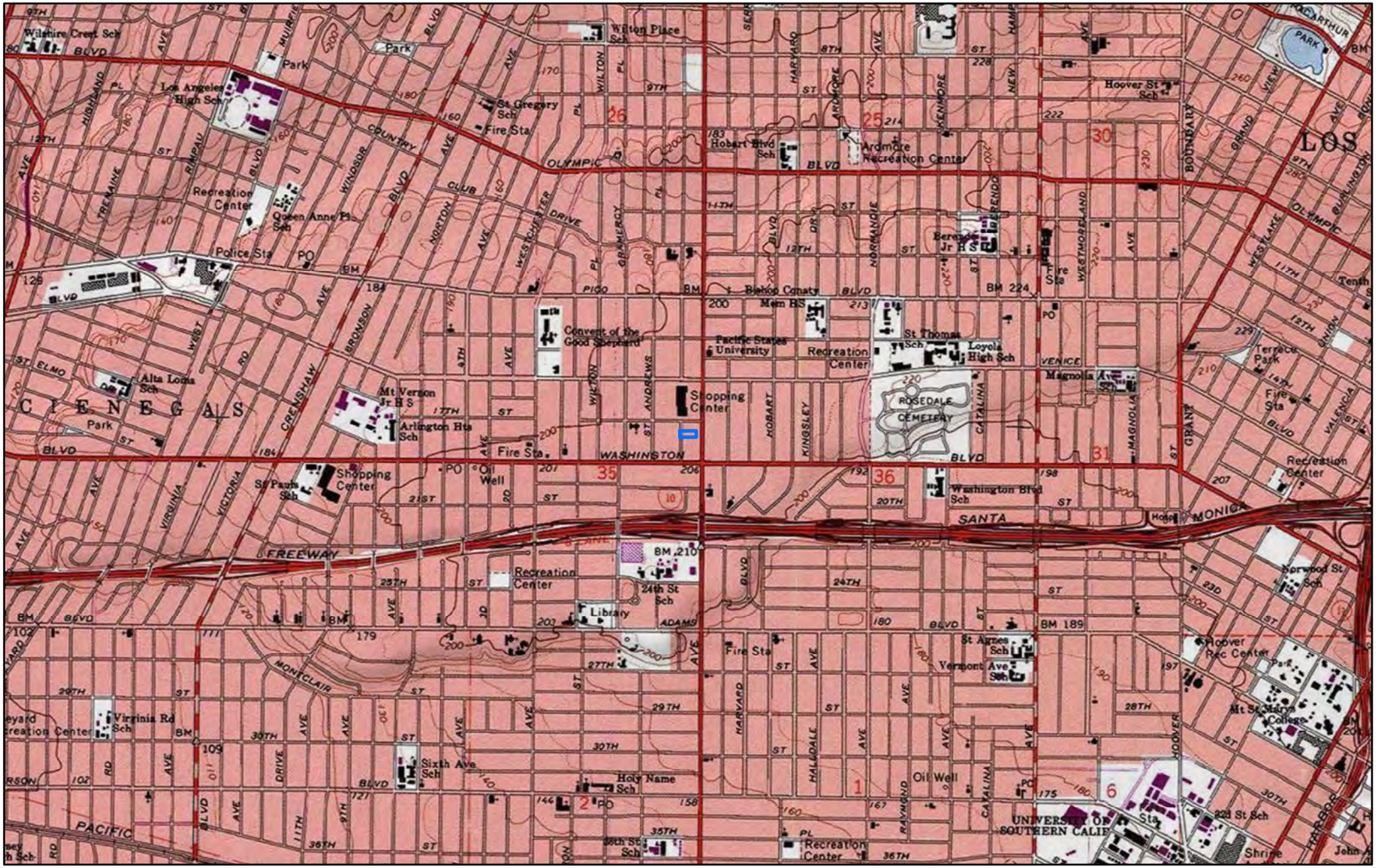
Warren, Claude N.
1968 Cultural Traditions and Ecological Adaptation on the Southern California Coast. *In:* Archaic Prehistory in the Western United States, edited by Cynthia Irwin-Williams. *Eastern New Mexico University Contributions in Anthropology* 1(3): 1–14.

Wilkman, Nancy, and Jon Wilkman
2006 *Picturing Los Angeles.* Gibbs Smith Publishers, Salt Lake City.

Wright, Ralph B., editor
1992 *California's Missions.* Hubert A. Lowman. Arroyo Grande, California.

Attachment 1

Project Area Maps



0 0.25 0.5 Miles

0 0.25 0.5 Kilometers

Scale: 1:24,000
1 in = 2,000 ft

Projection: NAD 83 UTM Zone 10N

N

AECOM

Western Avenue Bridge Housing
Project Area Map

Legend:

Project Area



Path: C:\GIS Data\Projects\EMGD-057\MXD\NAHC Map - EMGD-057.mxd

Attachment 2

Sacred Lands File Search and Native American Contact Program (Confidential)

AECOM Inc
300 S. Grand Ave., Suite 200, Los Angeles, CA 90071
T 213.593.7700 www.AECOM.com

September 17, 2018

NATIVE AMERICAN HERITAGE COMMISSION
1550 Harbor Blvd, Suite 100
West Sacramento, CA 95691

Subject: 1819 S. Western Avenue Bridge Housing Project

Dear Commissioners:

AECOM was retained by the City of Los Angeles Department of Public Works Bureau of Engineering (LABOE) to conduct a Phase I cultural resources investigation to identify potential impacts to cultural resources in compliance with the California Environmental Quality Act for the 1819 S. Western Avenue Bridge Housing Project. LABOE proposes to build a temporary emergency homeless shelter, to consist of a 24 foot by 120 foot trailer with outside shade structure and food preparation area, in a publicly-owned parking lot which is part of a larger parking lot used by the Council District 10 Office located at 1819 S. Western Avenue, Los Angeles, CA 90006. The maximum depth of excavations for the project is 4 feet for utilities trenches. The site is located in the southeast quarter of the northeast quarter of T1S, R14, Section 35, and is shown on the attached map.

The goal of this letter, in addition to acquainting you with this project, is to request that you check the Sacred Lands File records to identify any previously recorded tribal cultural resources in the project area. In addition, please provide a CEQA Tribal Consultation List, which we will use for contact and LACDPW will use for tribal consultation.

Please respond both to myself and to our Agency contact, whose contact information is as follows:

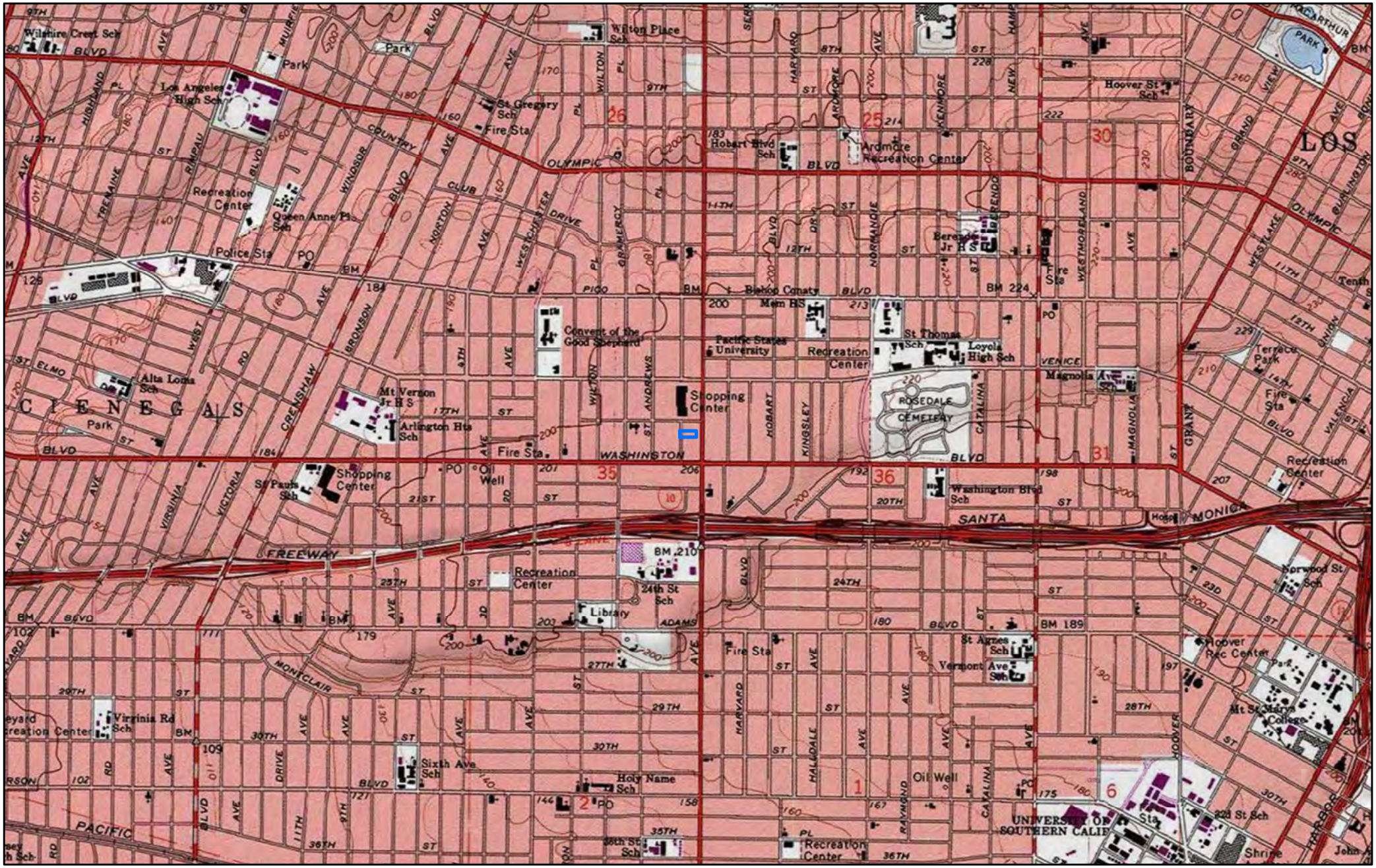
Ms. Heloise Froelich
Environmental Supervisor I
Environmental Management Group
Bureau of Engineering, Department of Public Works
City of Los Angeles
1149 S. Broadway, Suite 600
Los Angeles, CA 90015
Phone: 213-485-5111 | Fax 213-847-0656

Thank you for your assistance. Please feel free to contact me if you have any questions about this project.

Sincerely,



Marc A. Beherec, Ph.D., RPA
Archaeologist
Desk: 213.593.8481; Cell: 951.296.7561; email: marc.beherec@aecom.com



0 0.25 0.5 Miles

0 0.25 0.5 Kilometers

Scale: 1:24,000
1 in = 2,000 ft

Date: 9/17/2018
Projection: NAD 83 UTM Zone 10N

N

AECOM

EMGD-057

NAHC Project Area Map

Legend:

Project Area



Path: C:\GIS Data\Projects\EMGD-057\MXD\NAHC Map - EMGD-057.mxd

NATIVE AMERICAN HERITAGE COMMISSION
Cultural and Environmental Department
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
Phone: (916) 373-3710
Email: nahc@nahc.ca.gov
Website: http://www.nahc.ca.gov
Twitter: @CA_NAHC

October 8, 2018

Marc Beherec
AECOM

VIA Email to: marc.beherec@aecom.com

RE: 1819 S. Western Avenue Bridge Housing Project, Los Angeles County.

Dear Mr. Beherec,

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance we are able to assure that our lists contain current information. If you have any questions or need additional information, please contact me at my email address: Katy.Sanchez@nahc.ca.gov.

Sincerely,

Katy

Katy Sanchez
Associate Environmental Planner

Attachment

Native American Heritage Commission
Native American Consultation List
10/8//2018

Gabrieleno Band of Mission Indians - Kizh Nation
Andrew Salas, Chairperson
P.O. Box 393 Gabrielino
Covina ,CA 91723
admin@gabrielenoindians.org
(626) 926-4131

Gabrielino-Tongva Tribe
Charles Alvarez, Councilmember
23454 Vanowen St. Gabrielino
West Hills ,CA 91307
roadkingcharles@aol.com
(310) 403-6048

Gabrieleno/Tongva San Gabriel Band of Mission Indians
Anthony Morales, Chairperson
P.O. Box 693 Gabrielino Tongva
San Gabriel ,CA 91778
GTTribalcouncil@aol.com
(626) 483-3564 Cell
(626) 286-1262 Fax

Gabrielino /Tongva Nation
Sandonne Goad, Chairperson
106 1/2 Judge John Aiso St., #231 Gabrielino Tongva
Los Angeles ,CA 90012
sgoad@gabrielino-tongva.com
(951) 807-0479

Gabrielino Tongva Indians of California Tribal Council
Robert F. Dorame, Chairman
P.O. Box 490 Gabrielino Tongva
Bellflower ,CA 90707
gtongva@gmail.com
(562) 761-6417 Voice/Fax

Gabrielino-Tongva Tribe
Linda Candelaria, Chairperson
80839 Camino Santa Juliana Gabrielino
Indio ,CA 92203
lcandelaria1@gabrielinotribe.org

This list is current only as of the date of this document and is based on the information available to the Commission on the date it was produced.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Code, or Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native American Tribes for the proposed:
1819 S. Western Avenue Bridge Housing Project, Los Angeles County

AECOM Inc.
300 South Grand Avenue, Suite 200, Los Angeles, CA 90071
T 213.593.7700 www.AECOM.com

September 19, 2018

Andrew Salas, Chairperson
Gabrieleno Band of Mission Indians - Kizh Nation
P.O. Box 393
Covina, CA, 91723

Subject: 1819 S. Western Avenue Bridge Housing Project

Dear Chairperson Salas:

AECOM has been retained by the Los Angeles Department of Public Works Bureau of Engineering to conduct a Phase I cultural resources investigation to identify potential impacts to cultural resources in compliance with the California Environmental Quality Act for the 1819 S. Western Avenue Bridge Housing Project. LABOE proposes to build a temporary emergency homeless shelter, to consist of a 24 foot by 120 foot trailer with outside shade structure and food preparation area, in a publicly-owned parking lot which is part of a larger parking lot used by the Council District 10 Office located at 1819 S. Western Avenue, Los Angeles, CA 90006. The maximum depth of excavations for the project is 4 feet for utilities trenches. The site is located in the southeast quarter of the northeast quarter of T1S, R14, Section 35, and is shown on the attached map.

At our request, the Native American Heritage Commission (NAHC) is conducting a Sacred Lands File search of the project area. We anticipate that the NAHC will identify tribal representatives who may have interest in or knowledge of the area, and we expect that you will be among the tribal leaders identified.

A California Historical Resources Information System (CHRIS) records search was conducted at the South Central Coastal Information Center (SCCIC) at California State University, Fullerton. The records search focused on the project area and a 0.5-mile buffer. Ten historic buildings are documented within the records search area. No archaeological sites or other resources of Native American origin are documented within 0.5 mile of the project area.

A cultural resources survey was conducted on September 18, 2018. No cultural resources of Native American origin were identified during the survey. However, 100% of the survey area was found to be paved, built upon, or landscaped.

The goal of this letter, in addition to acquainting you with this project, is to request any information you have that may indicate an impact to cultural resources within the project area. The response form (Enclosure 2) is provided to help us identify and address your concerns with this project. Return of this form does not imply that you approve or disapprove of the project; nor does it limit your opportunity to comment at a later time. Please return the response form by October 19, 2018, so that your comments can be included in our study.

AECOM Inc.
300 South Grand Avenue, Suite 200, Los Angeles, CA 90071
T 213.593.7700 www.AECOM.com

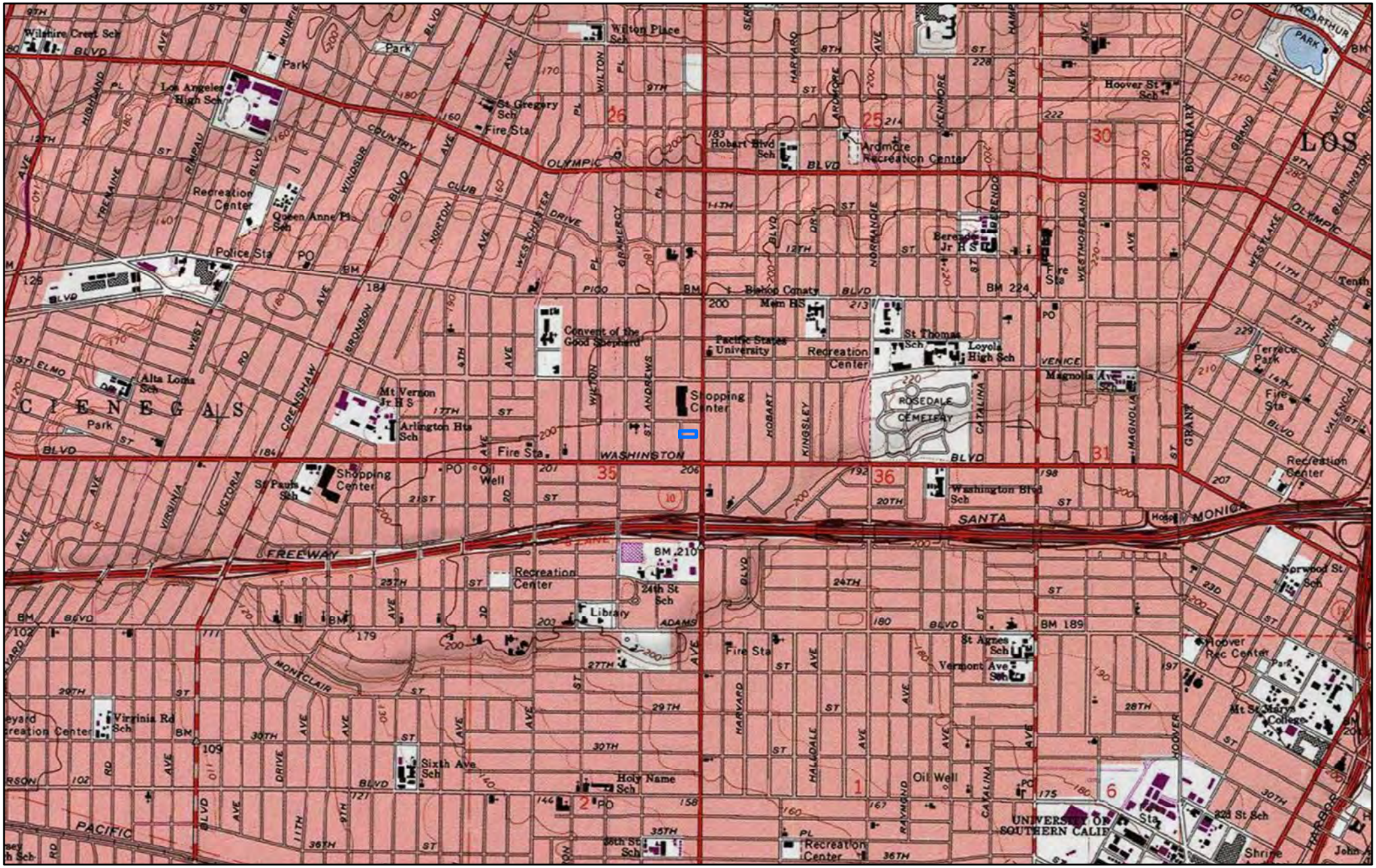
Please feel free to contact me directly with any questions or comments.

Sincerely,

Marc A. Beherec, Ph.D., RPA
AECOM
Archaeologist
marc.beherec@aecom.com
Desk: 213-593-8481 Cell: 951-296-7561

Enclosure:

1) Project Area Map
2) Response Form
3) Self-Addressed Stamped Envelope



0 0.25 0.5 Miles

0 0.25 0.5 Kilometers

Scale: 1:24,000
1 in = 2,000 ft

Date: 9/17/2018
Projection: NAD 83 UTM Zone 10N

N

AECOM

EMGD-057

NAHC Project Area Map

Legend:

Project Area



Path: C:\GIS Data\Projects\EMGD-057\MXD\NAHC Map - EMGD-057.mxd

NATIVE AMERICAN RESPONSE FORM

Project name: 1819 S. Western Avenue (Council District 10) Bridge Housing Project

Please circle appropriate response below.

I/We (would like) (would not like) to be contacted. You may contact me/us at the address and phone number below.

I/We (do) (do not) have concerns. Concerns are outlined below:

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

Please Print Name, Tribal Office/Affiliation, Address, and Phone Number

_____
_____
_____
_____
_____

_____ _____
Signature Date

Please return completed form no later than October 17, 2018 to:

Marc A. Beherec, Ph.D., RPA
Archaeologist
AECOM
300 S. Grand Avenue
Suite 200
Los Angeles, CA. 90071
Office: 213-593-8481
Cell: 951-296-7561
Marc.Beherec@aecom.com

AECOM Inc.
300 South Grand Avenue, Suite 200, Los Angeles, CA 90071
T 213.593.7700 www.AECOM.com

September 19, 2018

Charles Alvarez, Councilmember
Gabrielino-Tongva Tribe
23454 Vanowen Street
West Hills, CA 91307

Subject: 1819 S. Western Avenue Bridge Housing Project

Dear Mr. Alvarez:

AECOM has been retained by the Los Angeles Department of Public Works Bureau of Engineering to conduct a Phase I cultural resources investigation to identify potential impacts to cultural resources in compliance with the California Environmental Quality Act for the 1819 S. Western Avenue Bridge Housing Project. LABOE proposes to build a temporary emergency homeless shelter, to consist of a 24 foot by 120 foot trailer with outside shade structure and food preparation area, in a publicly-owned parking lot which is part of a larger parking lot used by the Council District 10 Office located at 1819 S. Western Avenue, Los Angeles, CA 90006. The maximum depth of excavations for the project is 4 feet for utilities trenches. The site is located in the southeast quarter of the northeast quarter of T1S, R14, Section 35, and is shown on the attached map.

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AECOM Inc.
300 South Grand Avenue, Suite 200, Los Angeles, CA 90071
T 213.593.7700 www.AECOM.com

Please feel free to contact me directly with any questions or comments.

Sincerely,

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AECOM
Archaeologist
marc.beherec@aecom.com
Desk: 213-593-8481 Cell: 951-296-7561

Enclosure:

1) Project Area Map
2) Response Form
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AECOM Inc.
300 South Grand Avenue, Suite 200, Los Angeles, CA 90071
T 213.593.7700 www.AECOM.com

September 19, 2018

Anthony Morales, Chairperson
Gabrielino/Tongva San Gabriel Band of Mission Indians
P.O. Box 693
San Gabriel, CA 91778

Subject: 1819 S. Western Avenue Bridge Housing Project

Dear Chairperson Morales:

AECOM has been retained by the Los Angeles Department of Public Works Bureau of Engineering to conduct a Phase I cultural resources investigation to identify potential impacts to cultural resources in compliance with the California Environmental Quality Act for the 1819 S. Western Avenue Bridge Housing Project. LABOE proposes to build a temporary emergency homeless shelter, to consist of a 24 foot by 120 foot trailer with outside shade structure and food preparation area, in a publicly-owned parking lot which is part of a larger parking lot used by the Council District 10 Office located at 1819 S. Western Avenue, Los Angeles, CA 90006. The maximum depth of excavations for the project is 4 feet for utilities trenches. The site is located in the southeast quarter of the northeast quarter of T1S, R14, Section 35, and is shown on the attached map.

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Please feel free to contact me directly with any questions or comments.

Sincerely,

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Archaeologist
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Desk: 213-593-8481 Cell: 951-296-7561

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AECOM Inc.
300 South Grand Avenue, Suite 200, Los Angeles, CA 90071
T 213.593.7700 www.AECOM.com

September 19, 2018

Sandonne Goad, Chairperson
Gabrielino/Tongva Nation
106 1/2 Judge John Aiso Street, #231
Los Angeles, CA 90012

Subject: 1819 S. Western Avenue Bridge Housing Project

Dear Chairperson Goad:

AECOM has been retained by the Los Angeles Department of Public Works Bureau of Engineering to conduct a Phase I cultural resources investigation to identify potential impacts to cultural resources in compliance with the California Environmental Quality Act for the 1819 S. Western Avenue Bridge Housing Project. LABOE proposes to build a temporary emergency homeless shelter, to consist of a 24 foot by 120 foot trailer with outside shade structure and food preparation area, in a publicly-owned parking lot which is part of a larger parking lot used by the Council District 10 Office located at 1819 S. Western Avenue, Los Angeles, CA 90006. The maximum depth of excavations for the project is 4 feet for utilities trenches. The site is located in the southeast quarter of the northeast quarter of T1S, R14, Section 35, and is shown on the attached map.

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AECOM Inc.
300 South Grand Avenue, Suite 200, Los Angeles, CA 90071
T 213.593.7700 www.AECOM.com

October 11, 2018

Robert F. Dorame, Chairman
Gabrielino Tongva Indians of California Tribal Council
P.O. Box 490
Bellflower, CA 90707

Subject: 1819 S. Western Avenue Bridge Housing Project

Dear Chairperson Dorame:

AECOM has been retained by the Los Angeles Department of Public Works Bureau of Engineering to conduct a Phase I cultural resources investigation to identify potential impacts to cultural resources in compliance with the California Environmental Quality Act for the 1819 S. Western Avenue Bridge Housing Project. LABOE proposes to build a temporary emergency homeless shelter, to consist of a 24 foot by 120 foot trailer with outside shade structure and food preparation area, in a publicly-owned parking lot which is part of a larger parking lot used by the Council District 10 Office located at 1819 S. Western Avenue, Los Angeles, CA 90006. The maximum depth of excavations for the project is 4 feet for utilities trenches. The site is located in the southeast quarter of the northeast quarter of T1S, R14, Section 35, and is shown on the attached map.

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AECOM Inc.
300 South Grand Avenue, Suite 200, Los Angeles, CA 90071
T 213.593.7700 www.AECOM.com

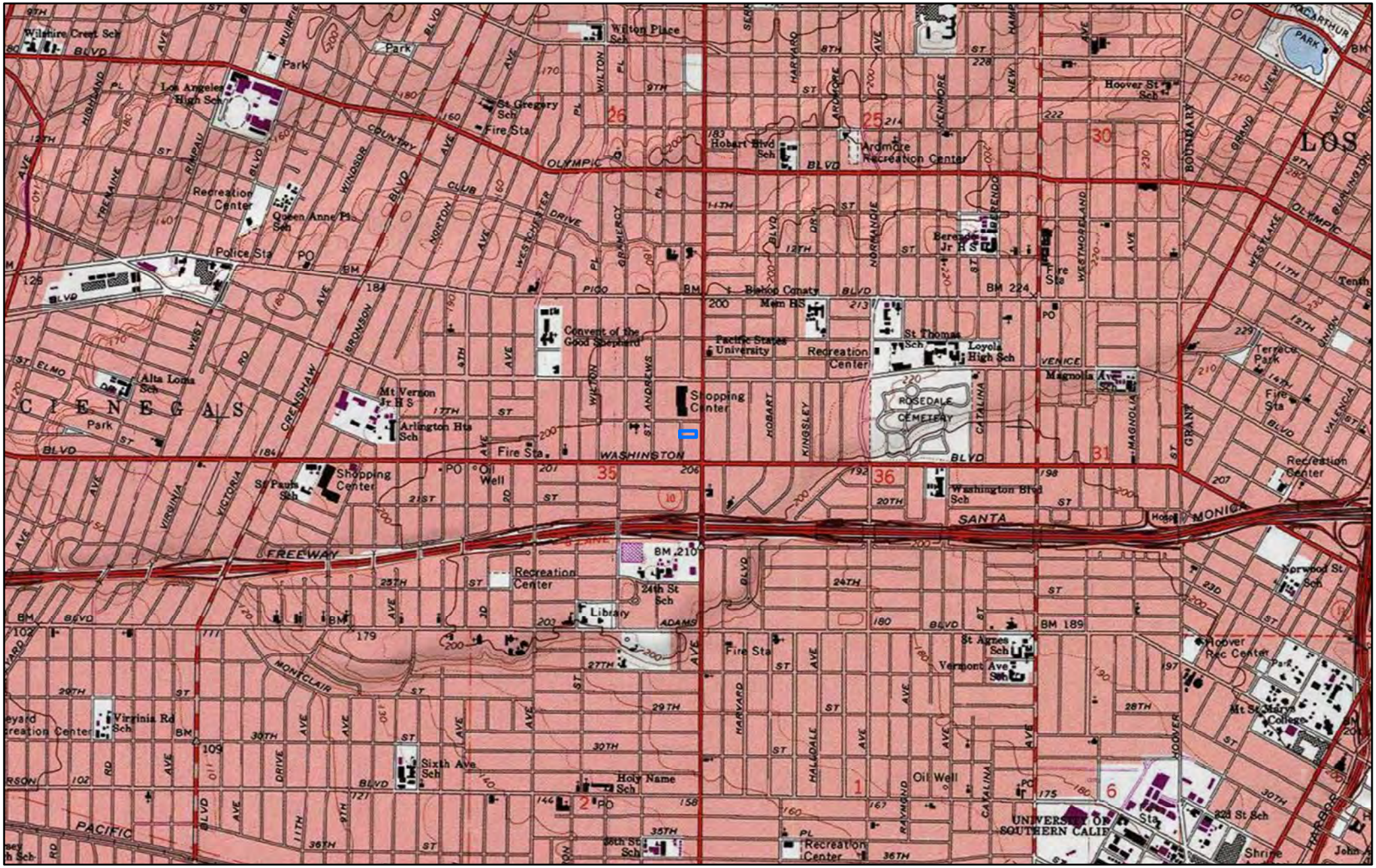
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Date: 9/17/2018
Projection: NAD 83 UTM Zone 10N

N

AECOM

EMGD-057

NAHC Project Area Map

Legend:

Project Area



Path: C:\GIS Data\Projects\EMGD-057\MXD\NAHC Map - EMGD-057.mxd

NATIVE AMERICAN RESPONSE FORM

Project name: 1819 S. Western Avenue (Council District 10) Bridge Housing Project

Please circle appropriate response below.

I/We (would like) (would not like) to be contacted. You may contact me/us at the address and phone number below.

I/We (do) (do not) have concerns. Concerns are outlined below:

_____
_____
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_____

Please Print Name, Tribal Office/Affiliation, Address, and Phone Number

_____
_____
_____
_____
_____

_____ _____
Signature Date

Please return completed form no later than November 12, 2018 to:

Marc A. Beherec, Ph.D., RPA
Archaeologist
AECOM
300 S. Grand Avenue
Suite 200
Los Angeles, CA. 90071
Office: 213-593-8481
Cell: 951-296-7561
Marc.Beherec@aecom.com

Attachment 3

California Department of Parks and Recreation (DPR) 523 Forms

State of California - The Resources Agency **Primary#**_____
DEPARTMENT OF PARKS AND RECREATION **HRI#**_____
PRIMARY RECORD
Trinomial_____
NRHP Status Code 6Z_____
Other Listings _____
Review Code Reviewer Date _____

 ***Resource Name or #:** (Assigned by recorder) 1819 S. Western Avenue

P1. Other Identifier: 1819 S. Western Avenue
***P2. Location:** ☐ **Not for Publication** ☒ **Unrestricted** ***a. County:** Los Angeles
***b. USGS 7.5' Quad** Hollywood, California **T10S, R14W,S35**
Address 1819 S. Western Ave. **City** Los Angeles **Zip** 90006
c. UTM: (Give more than one for large and/or linear resources) Zone 11S ; 379140.85 mE/ 3767497.80 mN
e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)
Assessor's Parcel Number (APN): 5073-013-900 (two tied lots), 5073-013-901, and 5073-013-902

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

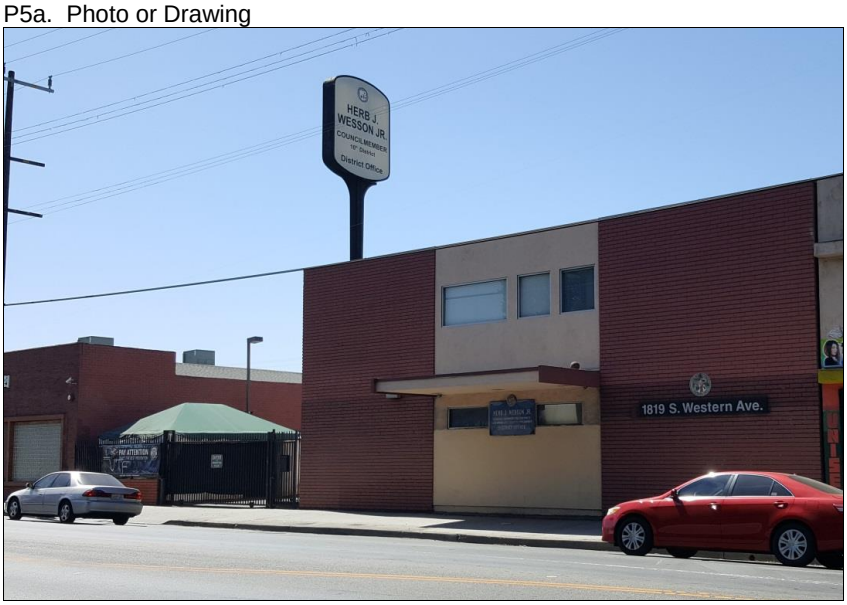
The former Security First National Bank building is located at 1819 S. Western Avenue (**Photograph 1**) in the Harvard Heights neighborhood (Council District 10) of Los Angeles, Los Angeles County, California. This property was built in 1961 and is a Modern commercial building. It occupies the side of the lot and has an east-facing orientation toward Western Avenue.

The building has an L-shaped plan and sits on a concrete foundation. The eastern portion of the building is two stories in height, and the rear western extension is one story in height. The building's exterior walls are running bond brick and smooth stucco veneer over concrete-and-streel construction. The building has a flat roof covered with composite material with a metal cornice. The property has an asphalt parking lot occupying the south and west portions of the lot and is enclosed by a metal security fence with mechanized gates. A freestanding pole mounted sign is located south of the building.(SEE CONTINUATION SHEET)

***P3b. Resource Attributes:** (List attributes and codes) HP6 –1-3 Story Commercial Building

***P4. Resources Present:** ☒Building ☐Structure ☐Object ☐Site ☐District ☐Element of District ☐Other (Isolates, etc.)

P5a. Photo or Drawing



P5b. Description of Photo: (view, date, accession #) **Photograph 1.** View of east façade, camera facing southwest, September 18, 2018

***P6. Date Constructed/Age and Source:** ☒Historic ☐Prehistoric ☐Both 1961 (LADBS 1961)

***P7. Owner and Address:**
City of Los Angeles

***P8. Recorded by:** (Name, affiliation, address)

M. Mello, AECOM
401 West A Street, Suite 1200
San Diego, CA 92101

***P9. Date Recorded:** September 27, 2018

***P10. Survey Type:** Intensive

***P11. Report Citation:** *AECOM: Bridge Housing Project (Council District 10): 1819 S. Western Avenue Cultural, Paleontological and Tribal Cultural Resources Technical Memorandum*

***Attachments:** ☐NONE ☒Location Map ☒Continuation Sheet ☒Building, Structure, and Object Record ☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record ☐Artifact Record ☐Photograph Record ☒Other (List): Sketch Map

***Resource Name or #** (Assigned by recorder) 1819 S. Western Avenue

B1. Historic Name: Security First National Bank
B2. Common Name: N/A
B3. Original Use: Commercial Property
B4. Present Use: Commercial Property
***B5. Architectural Style:** Modern
***B6. Construction History:** (Construction date, alterations, and date of alterations) 1961 – building constructed. When the building was originally constructed it featured a rooftop sign (8' by 18'). In 1969, after it was discovered that the sign was installed without the correct building permit, it was removed, and a freestanding pole-mounted sign was installed on the property (LADBS 1961b, 1969). In 1973, the original fixed windows along the east elevation first story were removed and replaced with teller/ service windows (LADBS 1973). In 1985, a permit was issued to construct a new 6' by 6' wall opening for new ATM equipment (LADBS 1985). In 1989, a new "walk-up teller machine" was installed (LADBS 1989). In 1995, the building was donated to the City of Los Angeles Department of General Services to be used as a police substation. The Koreatown and West Adams Public Safety Association financed a reconfiguration and renovation project for the building to create the substation offices and a community center (LAT 1995). Delays stalled the project until 1998 (LADBS 1997). In 1998, the steel stairway was added to the building (LADBS 1998). From 2004 to 2005, a new door was added to the building, new partitions were installed in the interior of the building, and a building addition on the west elevation was added for a storage room adjacent to the elevator shaft (LADBS 2004, 2005).

***B7. Moved?** X **No** ____ **Yes** ____ **Unknown Date:** ____ **Original Location:** ____
***B8. Related Features:** N/A

B9a. Architect: Palmer and Krisel b. Builder: Oltmans Construction Company

***B10. Significance: Theme** Commercial Development **Area** Los Angeles
Period of Significance N/A **Property Type** Commercial
Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

The significance of the property located at 1819 S. Western Avenue was determined by applying the procedures and evaluation criteria for the National Register of Historic Places (NRHP) and the California Register of Historical Resources (CRHR). Site investigations and historic research indicate that the property located at 1819 S. Western Avenue lacks historical significance, and therefore is ineligible for listing in the NRHP and the CRHR. In addition, the property does not meet the definition of a historical resource for the purposes of CEQA. (SEE CONTINUATION SHEET)

B11. Additional Resource Attributes: (List attributes and codes)

***B12. References:** SEE CONTINUATION SHEET

B13. Remarks: None

***B14. Evaluator:** M. Mello, AECOM

***Date of Evaluation:** September 2018

(Sketch Map with north arrow required.)

See attached map.

(This space reserved for official comments.)

***P3a. Description (continued):**

The east façade is characterized by a centrally located cantilevered awning flanked by brick-clad blocks (**Photograph 1**). The east façade has no entryways. The cantilevered awning originally protected the former bank's walk-up teller window and ATM machines, which have since been removed. The first story includes two aluminum frame, fixed windows; while the second story features an asymmetrical arrangement of three windows. Multiple signs are adhered to the east elevation walls: the sign beneath the awning depicts "Herb J. Wesson Jr., Council Member 10th District. Los Angeles Council President, District Office;" and a City of Los Angeles seal with address identifier signage along the wall to the north. Recessed within the brick block to the south is a rectangular bank security alarm panel.

The building's primary entrance is located on the south elevation (**Photograph 2**). The south elevation is comprised of the two story elevator shaft and storage room addition to the east and a one story building extension to the west. The one story block is largely unadorned, constructed of brick, and has no windows. The west elevation of the one story block has no windows or doors. There are two steel doors along the west facing portion of the two story building block; one located on the first story and one located on the second story accessed via a metal straight run stair.

When the building was constructed, the interior included a mezzanine floor, fluorescent lighting, and acoustical tile ceilings (LAT 1961). After an extension renovation project in the 2000s the building's interior plan was converted from use as a bank to offices.

Overall, the building exterior retains many of its original materials. Modern piping, electrical conduits, signage, security cameras, and outdoor lighting have also been attached to the exterior walls.

***B10. Significance (continued):**

Historic Context

Spanish explorers made brief visits to Gabrielino territory in 1542 and 1602, and on both occasions the two groups exchanged trade items (McCawley 1996). Sustained contact with Europeans did not commence until the onset of the Spanish Period, which began in 1769 when Gaspar de Portola and a small Spanish contingent began their exploratory journey along the California coast from San Diego to Monterey.

Gabrielino villages are reported by early explorers to have been most abundant near the Los Angeles River, in the area north of downtown known as the Glendale Narrows, and those areas along the river's various outlets into the sea. Among those villages north of downtown were *Maawnga* near Griffith Park; *Totongna* and *Kawengna* in the San Fernando Valley; *Hahamongna*, northeast of Glendale. The village of *Yangna* is under present-day downtown Los Angeles. At the time of Portola's visit, the village of *Yangna* is reported to have supported a population of at least 200 (Gumprecht 1999) and was later reported to have contained anywhere from 500 to 1,500 huts, implying an even greater population (Reid 1939 [1852]). The community of *Yangna* was located somewhere in the vicinity of the Los Angeles Civic Center, and, as McCawley notes, "is popularly regarded as the Indian precursor of modern Los Angeles" (McCawley 1996:57).

By the early 1800s, the majority of the surviving Gabrielino population had entered the mission system, either at Mission San Gabriel, founded in 1771, or at Mission San Fernando Ray de Espana, established in 1797. Other Native Americans worked at *El Pueblo de la Reyna de Los Angeles,* a secular community founded by colonists in 1781. Over time, the missions became self-sufficient through farming and selling cattle hides, tallow, and various fruit crops to the nearby Pueblo (Paddison 1999; Wright 1992). Mission life was utilized by the Spanish in a time when Native American traditional trade and political alliances were failing and epidemics and subsistence instabilities were increasing. This lifestyle change brought significant negative consequences for Gabrielino health and cultural integrity (Jackson 1999).

The growth of the *El Pueblo de la Reyna de Los Angeles* became established after the Mexican empire gained independence and formed what would become the state of Alta California in 1821. The authority of the California missions gradually declined, culminating with their secularization in 1834. Although the Mexican government directed that each mission's lands, livestock, and equipment be divided among its converts, the majority of these holdings quickly fell into non-Indigenous hands. Mission buildings were abandoned and quickly fell into decay. If mission life was difficult for Native Americans, secularization was typically worse. After two generations of dependence on the missions, they were suddenly disenfranchised. After secularization, "nearly all of the Gabrielinos went north while those of San Diego, San Luis, and San Juan overran this county, filling the Angeles and surrounding ranchos with more servants than were required" (Reid 1977 [1851]:104).

The first party of U.S. immigrants arrived in Los Angeles in 1841, although surreptitious commerce had previously been conducted between Mexican California and residents of the United States and its territories. As the possibility of a takeover of California by the United States loomed large, the Mexican government increased the number of land grants in an effort to keep the land in the hands of upper-class *Californios*

like the Domínguez, Lugo, and Sepúlveda families (Wilkman and Wilkman 2006:14–17). Governor Pío Pico and his predecessors made more than 600 rancho grants between 1833 and 1846, putting most of the state's lands into private ownership for the first time (Gumprecht 1999).

The United States took control of California after the Mexican–American War of 1846, and seized Monterey, San Francisco, San Diego, and Los Angeles (then the state capital) with little resistance. Local unrest soon bubbled to the surface, however, and Los Angeles slipped from U.S. control in 1847. Hostilities officially ended with the signing of the Treaty of Guadalupe Hidalgo in 1848, in which the United States agreed to pay Mexico $15 million for the conquered territory, which included California, Nevada, and Utah, and parts of Colorado, Arizona, New Mexico, and Wyoming. The conquered territory represented nearly half of Mexico's pre-1846 holdings. California joined the United States in 1850 as the 31st state (Wilkman and Wilkman 2006:15).

The discovery of gold in northern California led to an enormous influx of American citizens in the 1850s and 1860s, and these settlers rapidly displaced the old rancho families. In 1873, the U.S. government confirmed legal title to old Rancho ex-Mission San Fernando at 116,858.43 acres, the largest private land parcel in California. The Southern Pacific Railroad extended its line from San Francisco to Los Angeles in 1876, passing through the San Fernando Valley thanks to a new tunnel through Newhall Pass. Newcomers continued to pour into Los Angeles and the population nearly doubled between 1870 and 1880. The completion of the second transcontinental line, the Santa Fe, took place in 1886 causing a fare war, which drove fares to an unprecedented low. More settlers continued to head west and the demand for real estate skyrocketed. The city's population rose from 11,000 in 1880 to 50,000 by 1890 (Meyer 1981:45).

In the mid-nineteenth century, the San Fernando Valley was filled with growing and dwindling cattle ranches due to unpredictable weather. This started to subside into the late nineteenth century but was not negated until pumping units and aqueducts were later utilized (Jorgensen 1988). During this time, a new route, known as the Santa Susana Pass was opened up to the east to bypass the older Devil's Slide, linking San Fernando, Simi Valley, and the greater Los Angeles Basin together and becoming not only a well-traveled wagon route but the first automobile route to link the valleys. This opened the flood gates of an urban population boom within the San Fernando Valley in conjunction with what was already occurring within the greater Los Angeles Basin to the east (Bevill 2007). The creation of these passes was followed by a push of the San Fernando Valley to bring water from the Owens Valley to the north. Construction began in 1908, linking the Los Angeles Aqueduct into the San Fernando Valley. This was to avoid depleting underground resources that were starting to plague the area due to this population explosion. Liquid fuel-powered well water pumps located throughout the area fell out of favor as water from the Los Angeles Aqueduct started to flow (Jorgensen 1988:121).

The beginning of the twentieth century saw the florescence of a uniquely suburban metropolis, where a vast network of residential communities overshadowed city centers, where the single-family home was valued over the high-rise, and where private space took precedence over public space (Hawthorne 2006). This landscape demanded an innovative transportation solution, and Los Angeles embraced automobiles and freeways like no other city had. The first homemade car puttered down city streets in 1897. Seven years later, the first grand theft auto was reported by Los Angeles Police (Wilkman and Wilkman 2006:50). Inexpensive automobiles gained popularity in the 1920s, soon creating tremendous congestion in the centers of cities and necessitating alternate transportation routes. Dozens of freeways were constructed in the post-World War II years, radically altering the character of Los Angeles by simultaneously dividing local neighborhoods and connecting outlying communities.

Property History - 1819 South Western Avenue

The Security First National Bank branch building, located at 1819 S. Western Avenue, was constructed in 1961. The Security First National Banking firm was the successor of the Farmers and Merchants Bank of Los Angeles (established in 1870). By 1967, Security First National Bank was merged with the San Francisco-based "Pacific National Bank," and the company changed its name to Security Pacific Bank (LAT 1992). After 24 years, Security Pacific Bank ultimately merged with The Bank of America in 1991 (LAT 1992).

During the 1970s and 1980s, the Security Pacific Bank was the center of some of the largest bank robberies of the twentieth century. In 1978, computer analyst Stanley Mark Rifkin arranged through computer transfer $10.2 million from the bank to his personal account at the Irving Trust Company in New York (NYT 1979). He then withdrew the money from in New York, and purchased $8.1 in diamonds in Switzerland (NYT 1979). Rifkin was caught upon his return to the United States and the Security Pacific Bank took possession of the diamonds (NYT 1979). Later in 1980, a bank robbery at the Security Pacific branch location in Norco, California became national news. The robbery resulted in a 25-mile long gun battle/car chase, 33 patrol cars destroyed, one sheriff's helicopter shot down, several wounded civilians and deputies, and casualties (RSA 2010). The 1819 South Western Avenue property, then a Security Pacific Bank branch, was associated with the crime spree committed by bank robber Robert Allan Bray, who committed 58 bank robberies in three months during 1983 (LAT 1983). The Western Avenue property

was the first location Bray began his crime spree.

The Modern building was designed by the architectural firm Palmer and Krisel and built by the Oltmans Construction Company (LAT 1961). When the building was originally constructed it featured a rooftop sign (8' by 18'), in 1969 after it was discovered that the sign was installed without the correct building permit it was removed and a freestanding pole mounted sign was installed on the property (LADBS 1961b, 1969). In 1973, the original fixed windows along the east elevation first story were removed and replace with teller/ service windows (LADBS 1973). In 1985, a permit was issued to construct a new 6' by 6' wall opening for new ATM equipment (LADBS 1985). In 1989 a new "walk-up teller machine" was installed (LADBS 1989). In 1995, the building was donated to the City of Los Angeles Department of General Services to be used as a police substation. The Koreatown and West Adams Public Safety Association financed a reconfiguration and renovation project for the building to create the substation offices and a community center (LAT 1995). Delays stalled the project until 1998 (LADBS 1997). In 1998, the steel stairway was added to the building (LADBS 1998). From 2004 to 2005, a new door was added to the building, new partitions were installed in the interior of the building, and a building addition on the west elevation was added for a storage room adjacent to the elevator shaft (LADBS 2004, 2005).

Modern Architecture

Modern architecture began in the late 1920s and early 1930s and extended through the 1970s, although the modern era in the United States is most closely associated with the two decades following World War II. The overarching label of "Modern," although imprecise, can generally be characterized by buildings exhibiting simple volumes (in institutional and commercial buildings) and a lack of decorative detail. Additional characteristics include a use of materials in place of decorative details, and the use of natural colors and textures of materials to embellish a building (for example, employing brick or concrete for decorative effect). The modern era was also a time, however, when new materials and construction methods were explored. An example is curtain wall construction, which utilizes aluminum frames for window walls in place of steel, and new material combinations in the solid spandrel panels that separate them. Additional examples include thin shell construction, folded plate construction, and the hyperbolic paraboloid (Painter 2010: 22-23).

The Modern style Mid-20th Century Storefront layout, popular from the 1940s through 1970, is characterized by horizontal emphasis, asymmetrical and angled storefronts, exaggerated-modern massing and experimental structure, cantilevered and rod/column-supported canopies, fixed awnings, display cases (cantilevered, free-standing, and picture-framed), signs (façade as billboard, channel-set neon tubing set within metal letters, reverse channel-set letters, programmatic, internally illuminated back-lit metal box, individual letters pinned to the wall or mounted to a canopy, projecting signs, post signs), tempered glass doors with sleek handles and hardware, and recessed lighting in entry lobbies. Common wall cladding materials include brick, masonry, stucco, porcelain enamel, structural glass, wood, tile, and metal (aluminum and steel) screens. Terrazzo flooring was popular as were flat glass walls. Variations on this style can be found in older buildings on which "slipcovers" were applied on the façade that often (but not always) covers the entire upper story with a monolithic surface of large panels or small-scale units such as tile. These two-story slip-cover versions of the style often feature a vertical sign that projects from the upper façade or large letters that scroll across the entire upper façade (Dyson 2008, Jackson 2000).

***B10. Significance (continued):**

Evaluation

Based on site investigations and historic research, the property located at 1819 S. Western Avenue is not eligible for listing in the NRHP or CRHR as an individual resource or as a contributor to a potential historic district, if it is ever determined such a historic district exists. The following provides more information regarding the evaluation of the property.

Criterion A/1 – Event

Under NRHP Criterion A or CRHR Criterion 1, this building has no significant association with important historic events. The building on this parcel, constructed in 1961, was built and occupied by the Security First National Bank as a branch location. The building is most closely associated with the crime spree committed by bank robber Robert Allan Bray, who committed 58 bank robberies in three months during 1983 (LAT 1983). The 1819 S. Western Avenue property, then a Security Pacific Bank branch, was the first location Bray began his crime spree. Despite Bray's numerous robberies, he was ultimately apprehended and the total amount of money he stole was minor in comparison to other robberies committed at other more prominent Security Pacific Bank locations during the 1970s and 1980s. Furthermore, as a modest bank branch location, the building only has a minor association with the commercial development of the Harvard Heights neighborhood of the City of Los Angeles. Research did not reveal that the property played a distinct or important role in the economic development of Los Angeles itself.

Criterion B/2 – Person

The property located at 1819 S. Western Avenue is not associated with any significant person in history. The building has had numerous property owners since its construction in 1961. The Security First National Bank and its subsequent merger companies, Security Pacific and later Bank of America, are associated with numerous personnel, the most significant of which are not associated with this location. Research did not indicate that any individuals, such as business owners related to the development and use of this building made demonstrably important contributions to history at the local, state, or national level. Commercial properties such as these are rarely associated with a single individual and generally lack the ability to illustrate an individual's contributions to history. Therefore, the property located at 1819 S. Western Avenue is not eligible for listing in the NRHP under Criterion B or the CRHR under Criterion 2, nor is it considered a historical resource for the purposes of CEQA.

Criterion C/3 – Design/Construction

Under NRHP Criterion C or CRHR Criterion 3, this building is not significant because it is not an important example of a type, period, or method of construction. Modern style buildings were in wide use during the twentieth century on commercial properties throughout California. The Modern style commercial building at 1819 S. Western Avenue is a typical and unremarkable example reflecting mid-twentieth century trends. The building on this parcel also lacks the high artistic value or distinctive design that would merit listing on the NRHP and CRHR.

The property was designed by Los Angeles architects William Krisel and Dan Saxon Palmer (of the architectural firm Palmer and Krisel) and built by the Oltmans Construction Company (LAT 1961). Krisel and Palmer formed a partnership 1949 through 1966. The Palmer and Krisel firm is best known for its Modern style postwar tract home developments in Southern California (Los Angeles Conservancy 2018). The firm stood out for its modular post and beam construction styles and use of modern design for affordable tract housing, commercial and multi-unit residential architecture (Modern San Diego 2018). The Oltmans Construction Company, founded in 1932, gained wide recognition for pioneering tilt-up construction techniques in the 1940s, and worked on many large Southern California commercial, industrial, and residential building contracts (Oltmans 2018).

Although the building was designed by well-known builders and master architects, the former Security First National Bank building is not a representative example of their overall compendium of work. This building was one of many constructed by the team and largely lacks architectural distinction; subsequent additions and alterations have further stripped the building of its original architectural design. Therefore, the property is not eligible for listing in the NRHP under Criterion C or the CRHR under Criterion 3, nor is it considered a historical resource for the purposes of CEQA.

Criterion D/4 – Information Potential

The property has not yielded, nor is it likely to yield, information important in prehistory or history; therefore, it is ineligible to the NRHP under Criterion D or the CRHR under Criterion 4, nor is it considered a historical resource for the purposes of CEQA.

In conclusion, 1819 S. Western Avenue is not eligible for listing in the NRHP or CRHR (For more information, see Attachment 3 DPR523 forms). The property at 1819 S. Western Avenue is associated with bank robberies in Los Angeles during the 1980s and the commercial development of the Harvard heights neighborhood. The property is typical example of commercial Modern style architecture, and its integrity has been compromised by alterations completed since its 1961 construction. Furthermore, it does not meet any significance criteria necessary for eligibility in the NRHP or CRHR. Therefore, in conclusion, the property is not eligible for listing in the NRHP or CRHR, and is not considered a historical resource for the purposes of CEQA.

***B12. References (continued):**

Bevill, Arthur D.
2007 *Santa Susana Pass State Historic Park Cultural Resource Survey - Historic Overview*.

Dyson, Carol J.
2008 "How to Work with Storefronts of the Mid-Twentieth Century: a Mid-Twentieth Century Storefront Components Guide." *National Main Streets Conference.* http://www.illinois-history.gov/ps/midcentury.htm. Accessed September 2012.

Gumprecht, Blake
1999 The Los Angeles River: Its Life, Death and Possible Rebirth. John Hopkins University Press, Baltimore, MD.

Hawthorne, Christopher
2006 Hooray for Sprawlywood. *Los Angeles Times.* 3 December:S6. Los Angeles.

Jackson, Mike
2000 "'Storefronts of Tomorrow': American Storefront Design from 1940 to 1970." *Preserving the Recent Past 2.* Deborah Slaton and William G. Foulks, eds. Washington, D.C.: Historic Preservation Education Foundation, National Park Service, and Association for Preservation Technology International. http://www.illinoishistory.gov/ps/mid-century/Storefronts%20of%20Tomorrow.pdf. Accessed September 2012.

Jackson, Robert H.
1999 Agriculture, Drought & Chumash Congregation in the California Missions (1782-1834), *California Mission Studies Association*. Articles, May Newsletter.

Jorgensen, Lawrence C.,
1988 *The San Fernando Valley Past and Present*, Pacific Rim Research, ISBN 0-941014-00-2

Los Angeles Conservancy
2018 "William Krisel." Electronic document, https://www.laconservancy.org/architects/william-krisel, accessed September 27, 2018.

Los Angeles Times (LAT)
1961 "Branch Being Readied." July 16, 1961.
1983 "Bandit puts Jesse James to Shame: 58 Bank Holdups in 3 Months." April 25, 1983.
1994 "Public Safety Center gets Council's OK." July 31, 1994.
1992 "Security Pacific: A History." April 22, 1992.
1995 "Los Angeles City Hall Journal." July 2, 1995.

Los Angeles Department of Building and Safety (LADBS)
1961a Building Permit, Record ID: 8685305, May 10, 1961.
1961b Building Permit, Record ID: 55579515, May 10, 1961.
1969 Building Permit, Record ID: 55875411, March 13, 1969.
1973 Building Permit, Record ID: 56075197, December 27, 1973.
1985 Building Permit, Record ID: 56597107, January 28, 1985.
1989 Building Permit, Record ID: 57150447, May 31, 1989.
1997 Administrative Approval, Record ID: 5847286, November 24, 1997.
1998 Building Permit, Record ID: 61335022, January 30, 1998.
2004 Administrative Approval, Record ID: 50141770. March 16, 2004.
2005 Building Permit, Record ID: 50339020, April 25, 2005.

McCawley, William C.
1996 *The First Angelinos: The Gabrielino Indians of Los Angeles.* Malki Museum Press, Banning.

Meyer, L.
1981 *Los Angeles, 1781–1981*. A special bicentennial issue of California history, Spring 1981. California Historical Society, Los Angeles.

Modern San Diego
2018 "William Krisel." Electronic document, http://www.modernsandiego.com/KriselWilliam.html, accessed September 27, 2018.

New York Times (NYT)
1979 "Computer Analyst Sentenced to 8 Years in Bank Theft." March 27, 1979.

Oltmans Construction Company
2018 "About Us, History." Electronic document, http://www.oltmans.com/about-us/history, accessed September 27, 2018.

Paddison, Joshua
1999 *A World Transformed: Firsthand Accounts of California Before the Gold Rush.* Heyday Books, Berkeley, CA. ISBN 1-890771-13-9.

Painter, Diana J.
2010 *Montana Post-World War II Architectural Survey and Inventory Historic Context and Survey Report.*

Reid, Hugo
1939 [1852] Letters on the Los Angeles County Indians. In *A Scotch Paisano in Old Los Angeles*, by Susanna Bryant Dakin, pp. 215–286. University of California Press.

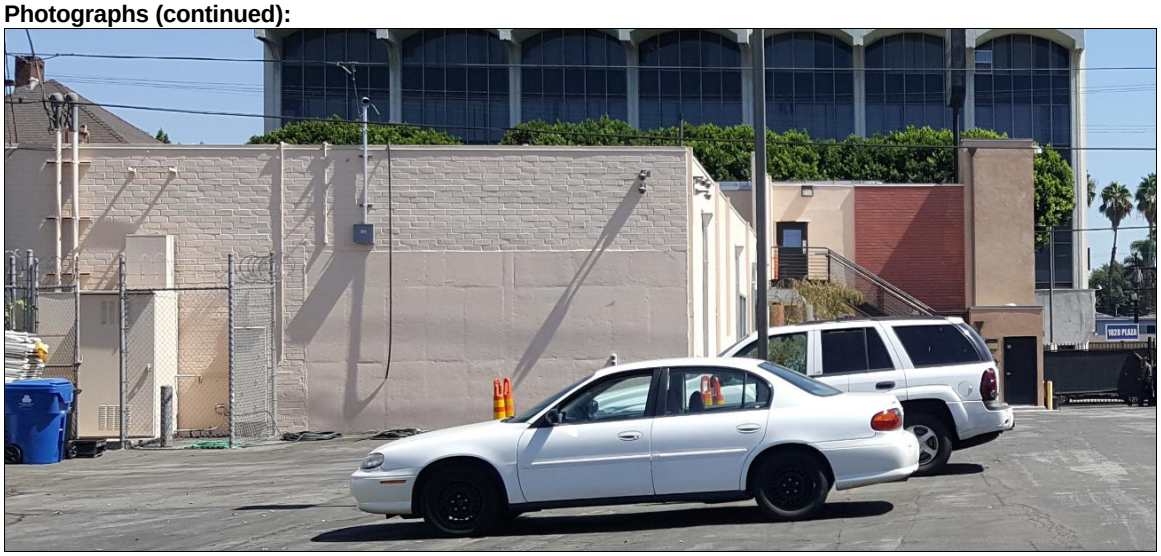
1977 [1851] The Decay of the Mission. In *Los Angeles, Biography of a City*, edited by John Caughey and LaRee Caughey, pp. 102–104. Berkeley, CA: University of California Press.

Riverside Sheriff's Association (RSA)
2010 "The Norco Bank Robbery." Electronic document, http://www.rcdsa.org/norcorobbery/robbery.html, accessed September 28, 2018.

Wilkman, Nancy, and Jon Wilkman
2006 *Picturing Los Angeles.* Gibbs Smith Publishers, Salt Lake City.

Wright, Ralph B., editor
1992 *California's Missions.* Hubert A. Lowman. Arroyo Grande, California.

Photographs (continued):



Photograph 2. View of west elevation, camera facing east, September 18, 2018

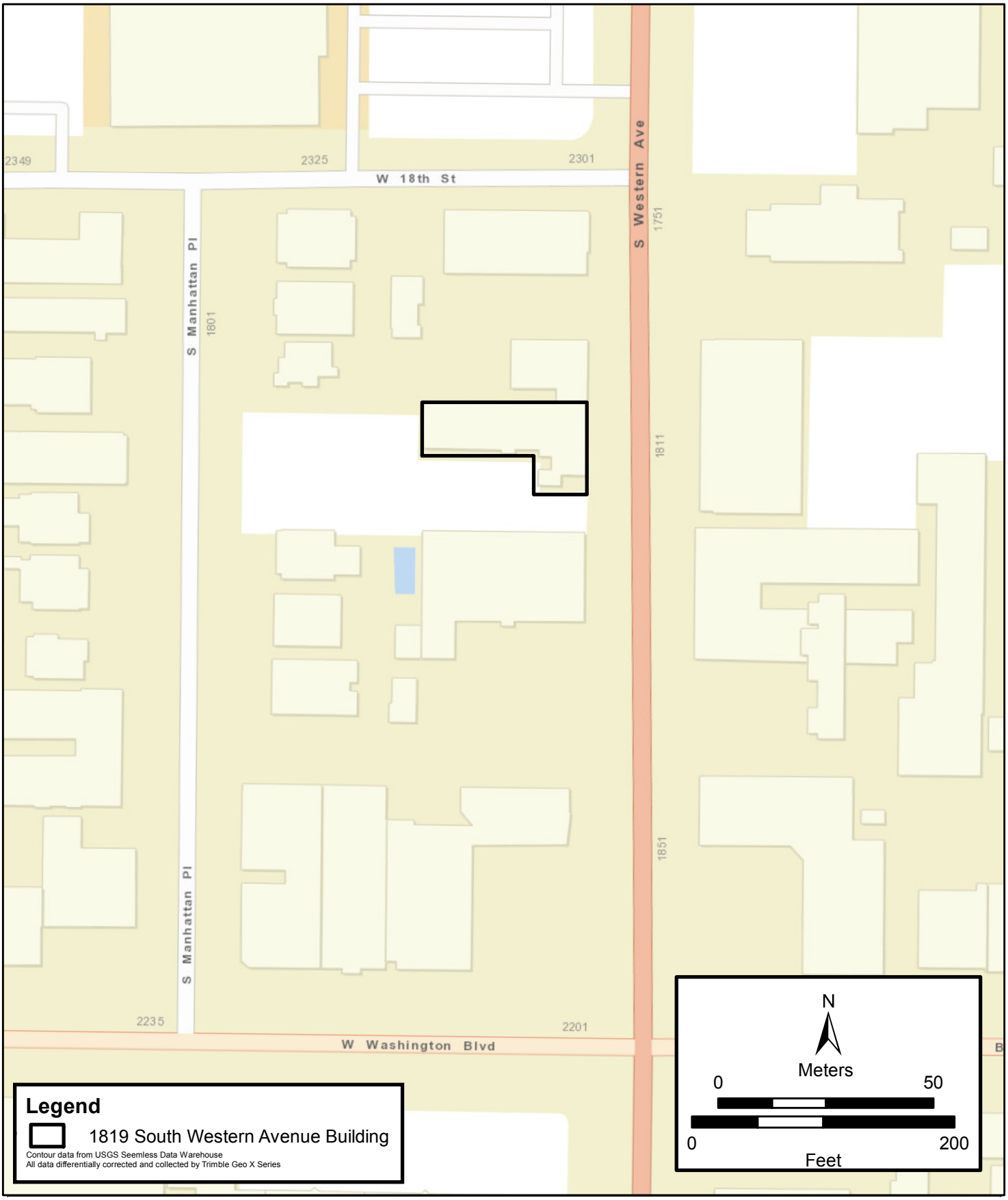
State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
SKETCH MAP

Primary #
HRI#
Trinomial

***Resource Name or #** (Assigned by recorder) 1819 South Western Avenue

***Drawn By:** Alec Stevenson

***Date:** 10/05/2018



State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary #
HRI#
Trinomial

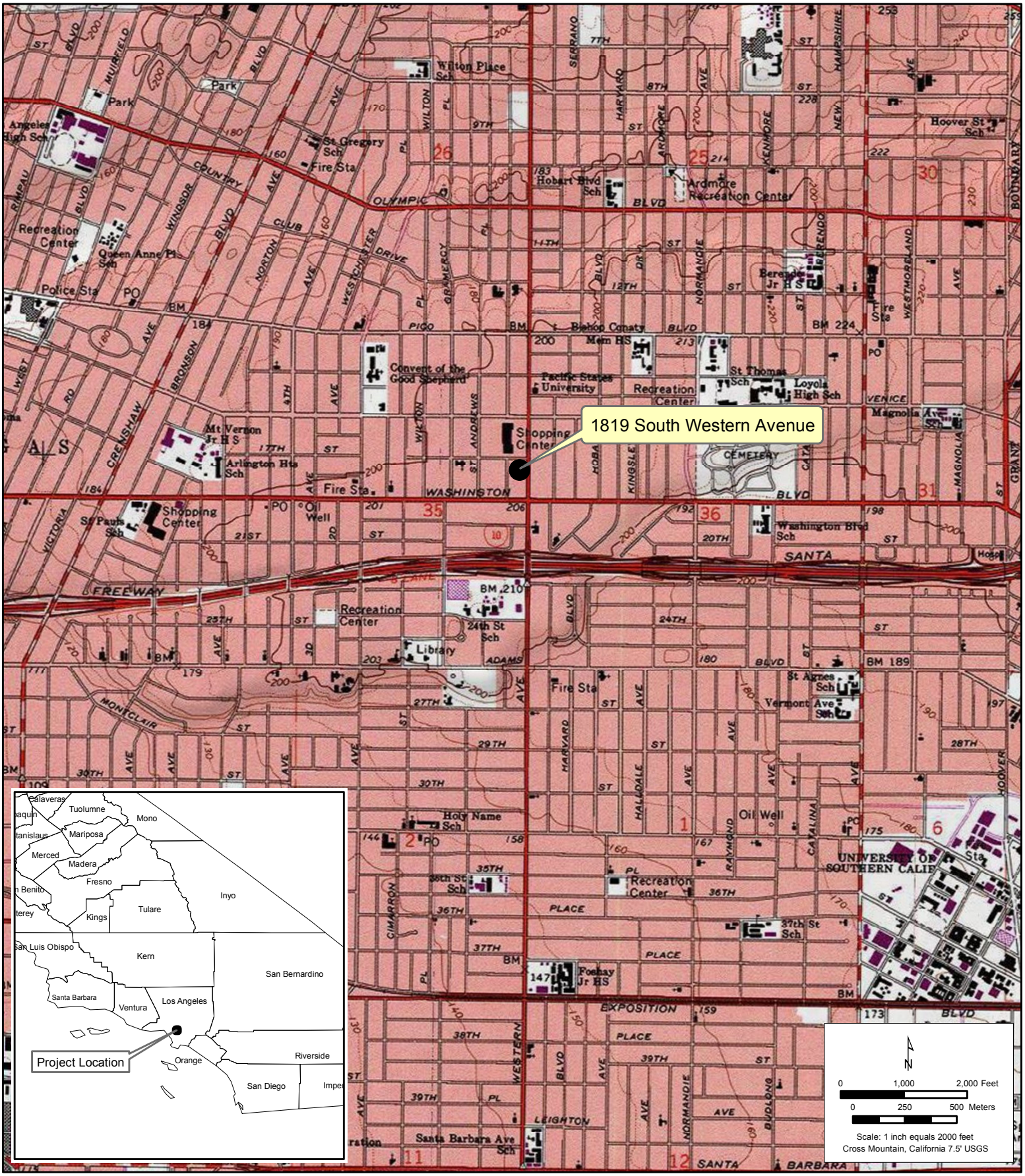
Page 5 of 6

*Resource Name or # (Assigned by recorder) 1819 South Western Avenue

*Map Name: Holywood

*Scale: 1:24,000

*Date of Map: 1994



*Required information

ATTACHMENT E – HAZARDOUS MATERIALS INFORMATION

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AECOM
300 S Grand Avenue,
Los Angeles, CA 90071
www.aecom.com

213.593.8100 tel
213.593.8053 fax

Memorandum

To	Ms. Heloise Froelich Environmental Management Group Bureau of Engineering, Department of Public Works	Pages 7
Subject	Bridge Housing Project on Western Avenue (Council District 10): Hazardous Materials Technical Memorandum	
From	Jessica Himebauch, Kristen Galeckas, AECOM	
Date	September 20, 2018	

Introduction

This technical memorandum describes the limited environmental desktop review and records search of the proposed Bridge Housing Project (hereinafter referred to as the proposed project) to be located at 1819 South Western Avenue in the City of Los Angeles, Los Angeles County, California (subject property). The proposed project consists of a temporary change in property use from a City-owned paved public parking lot with minimal landscaping and intermittent trees to a City-owned temporary Bridge Housing emergency homeless shelter for no more than three years. The subject property is a publicly-owned parking lot located adjacent to the east of Council District 10 (CD-10) Office building located at 1819 South Western Avenue. The CD-10 office building itself is not included as part of the project. The subject property consists of three contiguous parcels of land, identified as Los Angeles County Assessor Parcel Numbers (APNs) 5073-013-900, 5073-013-901, and 5073-013-902 that encompass approximately 25,506 square feet (0.585 acres).

The proposed project would include the addition of a 24-foot by 120-foot trailer (total of 2,880 square feet) to the parking lot of the CD-10 Office property. The trailer will be equipped with a 15-bed sleeping and lounging area with a sink, two offices, one employee restroom, one resident restroom, and storage/laundry facilities. In addition, the outside will have a free-standing area with a shade structure over three picnic tables and a food preparation area that includes a small sink. The project also includes a new pedestrian gate, new chain-link fencing and green screen fence on northern edge of property, a dog run area, and new landscaping. Nineteen parking spaces will remain to serve the CD-10 Office and shelter staff and operational support services.

As discussed in this memorandum, based on the results of this limited environmental desktop review and records search, no environmental concerns were identified in connection with the subject property. It should be noted that the subject property is located within an area that has been designated as a Methane Buffer Zone by the City of Los Angeles and the California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR) under Ordinance Number 175790, which took effect in 2004, due its proximity to the Las Cienegas Oil Field (approximately 350-feet south and approximately 450-feet west of the subject property), and as such the subject property may be subject to ordinance conditions for any new construction onsite.

Purpose

The purpose of this limited environmental desktop review and records search was to determine whether the subject project is listed by regulatory agencies or might be impacted by any known hazardous waste or hazardous materials sites. The methodology used for this review consisted of an analysis of site setting information retrieved from Google Earth; historical sources and a site-specific environmental database search

report provided by Environmental Data Resources, Inc. (EDR); and several readily accessible online regulatory agency databases. The following paragraphs present the results of our limited desktop review of the subject property.

Site Setting

The subject property is located in Council District 10 within the South Los Angeles Community Plan Area of the City of Los Angeles, California. The subject property is zoned [Q]C2-1 (commercial) and P-1 (parking) with a Community Commercial land use designation. Surrounding parcels to the north, east, and south are also zoned [Q]C2-1 with a Community Commercial land use designation. The parcels to the west, across Manhattan Place, are zoned R3-1 (residential) with a Medium Residential land use designation. The most recent images from Google Earth depict the surrounding area to be developed with commercial and residential properties. No sensitive receptors (i.e., day care centers, schools, hospitals, surface water bodies) were identified within proximity (i.e., 500 feet) of the subject property based on the sources reviewed. In addition, no gasoline stations or dry cleaning facilities were identified within immediate vicinity (i.e., 500 feet) of the subject property.

The subject property is relatively flat and located at an average elevation of approximately 205 feet above mean sea level with an overall regional topographic gradient that generally slopes downward in a west-southwesterly direction. Based on information provided in the site-specific environmental database search report obtained from EDR, groundwater in the subject property area has been encountered at depths of approximately 8 to 12 feet below ground surface (bgs). Based on the surface topography, the groundwater flow direction in the subject property area is expected to be generally toward the west-southwest. It should be noted that the actual groundwater depth and groundwater flow direction beneath the subject property cannot be determined without site-specific groundwater monitoring data.

Site History

Historical information for the subject property and surrounding properties is based on AECOM's review and analysis of readily ascertainable historical sources obtained from EDR including Sanborn® Fire Insurance Maps (Sanborn maps), aerial photographs, topographic maps, city directories, building department records, and deed information.

Subject Property

The 1907 Sanborn map depicts the subject property as vacant land comprised of four separate lots. Sometime between the 1907 and 1921 Sanborn maps, the southern two lots were developed with residential structures (1822-1824 South Manhattan Place and 1823 South Western Avenue). The residential property along South Manhattan Place also had a detached automobile garage. At that time, the other two subject property lots were vacant. By the 1950 Sanborn map, the northwestern lot had also been developed for residential use (1818-1820 South Manhattan Place) including a detached automobile garage and a shed in the rear of the property and the residential structure on the southeastern lot had been expanded and a detached automobile garage added. The subject property remained relatively unchanged until the 1961 Sanborn map when the northwestern lot was depicted as developed with a bank building (1819 South Western Avenue) and the southwestern lot was depicted as cleared of all structures. Based on the city directories searched by EDR, the building at 1819 South Western Avenue was occupied by a bank until at least 1990. On the 1962 Sanborn map, the southwestern lot was labeled as used for parking. Sometime between the 1962 and 1966 Sanborn maps, the southeastern lot had been cleared of all structures and was also labeled as used for parking. Sometime between the 1970 and 1977 aerial photographs, the northwestern lot was cleared of all structures for use as a parking lot. The subject property configuration has remained relatively unchanged since the mid-1970s.

The historical city directories and building department records searched by EDR did not identify listings of environmental concern associated with the subject property addresses. No historical onsite sources of environmental concern were identified.

AECOM obtained an Environmental Lien and Activity and Use Limitation (AUL) Search report from EDR (see Attachment 1). According to the EDR Environmental Lien and AUL Search report, no environmental liens or AULs have been recorded on the subject property parcels. The City of Los Angeles acquired the subject property parcels in 2002 from Bank of America.

Surrounding Properties

On the 1907 Sanborn Map, the surrounding area was occupied by scattered residential structures, a church, and school. The properties adjacent to the north and south were depicted as vacant at that time. By 1921, a gasoline station was depicted on the northwest and southeast corners of South Western Avenue and West Washington Boulevard, approximately 200-feet south and 450-feet south-southeast of the subject property, respectively. At that time, commercial development was evident along West Washington Boulevard and an increase in residential development was depicted along Manhattan Place and Western Avenue. By 1950, the gasoline station property on the northwest corner of South Western Avenue and West Washington Boulevard had been redeveloped for commercial uses. Also, at that time, 'gas & oil' was labeled at an auto sales and service facility, across Western Avenue, approximately 250-feet northeast of the subject property. An increase in commercial development was also depicted along Western Avenue including the property adjacent to the north, which was depicted as a plumbing shop and the property adjacent to the south, which was depicted as 'rug cutting & storage'. Through the years, the residential structures along Western Avenue were replaced with commercial businesses. By 1960, the school property to the north of West 18th Street was redeveloped with a retail strip mall. By 1961, a gas station was depicted on the northeast corner of South Western Avenue and West Washington Boulevard. By 1962, the former gas station property on the northwest corner of South Western Avenue and West Washington Boulevard had been redeveloped with another gas station. The gas station on the northwest and northeast corners of South Western Avenue and West Washington Boulevard remained at these locations until at least 1981. By 1968, the 'gas & oil' and auto sales and service facility to the northeast, across Western Avenue, was no longer depicted and this property was vacant. By 1977, the present-day office building was constructed adjacent to the east of the subject property, across Western Avenue. By 1981, the gas station on the southeast corner of South Western Avenue and West Washington Boulevard was no longer depicted. The surrounding area has remained relatively unchanged since the late-1980s and is a highly urbanized area of the City of Los Angeles.

The former gas stations identified in the surrounding area during the historical review are not considered to represent an environmental concern to the subject property, in AECOM's opinion, and were either not identified in contamination-related databases or had received regulatory agency closure in the environmental database report, discussed below.

Regulatory Review

Database Information

The site-specific environmental database report (see Attachment 2) was reviewed to evaluate if soil and/or groundwater from onsite and/or offsite sources of concern have the potential to impact the subject property.

Subject Property

The subject property was identified in the site-specific environmental database search report as Constituent Service Center Council District 10 at 1819 South Western Avenue in the HAZNET (Facility and Manifest Data) database. The data in the HAZNET database is extracted from copies of hazardous waste manifests received each year by the California Department of Toxic Substances Control (DTSC). The HAZNET database reports that state-regulated wastes were generated in 2004 including 0.15 tons of "other inorganic solid waste" which was manifested for offsite disposal via a transfer station. This database listing is compliance-related and not indicative of a release at the subject property. Based on the lack of listing in other databases indicating violations and/or a release, this database listing is not considered to represent an environmental concern to the subject property, in AECOM's opinion.

No other listings were identified associated with the subject property in the site-specific environmental database search report.

Surrounding Sites

Numerous facilities/sites (over 40) were identified surrounding the subject property within their respective search distances within the environmental database search report. Based on their status (i.e., non-contamination

related, case closed), their distance from the subject property (i.e., greater than approximately 1,000 feet), and/or topographic position relative to the subject property (i.e., cross-gradient to down-gradient), none of the surrounding sites identified within the environmental database search report were found to represent an environmental concern to the subject property, in AECOM's opinion.

Vapor Encroachment Screening

AECOM conducted a Tier 1 vapor encroachment screening (VES). This screening was conducted in general accordance with the ASTM E 2600 *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions* dated October 2015. The objective of the VES was to determine if a vapor encroachment condition (VEC) exists or if a VEC does not exist at the subject property.

Subject Property

No onsite sources of vapor encroachment (e.g., underground storage tank [UST], contaminated soil, groundwater plume, etc.) were identified during this assessment. Based on this information, a VEC due to an onsite source does not appear to exist.

Offsite

A review of the environmental database report indicates that no chlorinated volatile organic compounds (VOCs) and/or semi-volatile organic compounds (SVOCs) impacted sites are located within approximately 1,750 feet of the subject property and one petroleum hydrocarbon impacted site is located within approximately 525 feet of the subject property. This site can be ruled out due to its regulatory status (i.e., regulatory closure has been issued) and hydrogeological position from the subject property (i.e., down-gradient). Based on this information, a VEC due to an offsite source does not appear to exist.

Records Search

City

AECOM searched various City of Los Angeles online databases for information on the subject property including the Bureau of Engineering; Department of Public Works; NavigateLA database; and the Department of City Planning, Zone Information and Map Access System (ZIMAS). In addition, AECOM searched the Los Angeles County Office of the Assessor online Property Assessment Information System (PAIS) for information on the subject property. Information obtained from these online databases has been incorporated where appropriate.

AECOM searched City of Los Angeles Fire Department (LAFD) lists of active and inactive USTs, aboveground petroleum storage tank, and hazardous materials facilities, and UST historical files to determine if the LAFD has documentation pertaining to the subject property. No records were found associated with the subject property.

State

AECOM searched the California Environmental Protection Agency (EPA) Department of Toxic Substances Control (DTSC) online EnviroStor database for California Cleanup Sites involving the DTSC. The EnviroStor database consists of federal National Priorities List (NPL) sites, state response sites, voluntary cleanup sites, and school cleanup sites. The subject property was not identified in the online EnviroStor database.

AECOM searched the California EPA's State Water Resources Control Board (SWRCB) online GeoTracker database. The GeoTracker database consists of Leaking UST (LUST) Cleanup Sites, (non-petroleum) Cleanup Program Sites (CPS), Military Cleanup Sites, and Permitted UST Sites located throughout California. The subject property was not identified in the online GeoTracker database.

AECOM searched the online California EPA Regulated Site Portal database. The database combines information from the California Environmental Reporting System (CERS), EnviroStor, GeoTracker, the California Integrated Water Quality System (CIWQS), and the federal Toxics Release Inventory (TRI) database. The subject property was not identified in the online California EPA Regulated Site Portal database.

AECOM searched the South Coast Air Quality Management District (SCAQMD) online Facility Information Detail (FIND) database. FIND provides information for facilities regulated by SCAQMD including emissions, equipment, enforcement actions, and hearing board documents. The subject property was not identified in the online FIND database.

AECOM searched the California Department of Conservation online DOGGR Well Finder database. No oil/gas wells were depicted on the subject property in the online DOGGR database. The subject property is not located within an oil or gas field. The Las Cienegas Oil Field is located approximately 350-feet south (across Washington Boulevard) and approximately 450-feet west (across South St. Andrews Place) of the subject property. According to the City of Los Angeles Department of City Planning ZIMAS database, the subject property is located within an area that has been designated as a Methane Buffer Zone by the City of Los Angeles and the California DOGGR under Ordinance Number 175790, which took effect in 2004. The City of Los Angeles Methane and Methane Buffer Zones were established to protect new construction from potential methane hazards due to proximity within or adjacent to a known methane gas source (i.e., landfill, oil well, oil field, or underground gas storage facility). The subject property is located in a Methane Buffer Zone due its proximity to the Las Cienegas Oil Field. As such, the subject property may be subject to ordinance conditions for any new construction onsite.

Federal

AECOM performed a review of online records available on the National Pipeline Mapping System (NPMS) public map viewer maintained by the U.S. Department of Transportation's Pipeline and Hazardous Materials Safety Administration (PHMSA), for gas transmission or hazardous liquid pipelines on or adjacent to the subject property. No gas transmission or hazardous liquid pipelines were identified on or adjacent to the subject property that are within the PHMSA's jurisdiction.

AECOM searched the U.S. EPA's Envirofacts and Superfund Enterprise Management System (SEMS) online databases. The Envirofacts database retrieves information obtained from 17 national systems, including the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS), Superfund program (NPL sites), hazardous waste sites, and potential hazardous waste sites. The SEMS database replaced CERCLIS, which has since been retired. SEMS includes the same data fields and content as CERCLIS. No listings were identified associated with the subject property addresses in the Envirofacts or SEMS databases.

Conclusions

Based on the results of this limited environmental desktop review and records search, no environmental concerns were identified in connection with the subject property. It should be noted that the subject property is located within an area that has been designated as a Methane Buffer Zone by the City of Los Angeles and the California DOGGR under Ordinance Number 175790, which took effect in 2004, due its proximity to the Las Cienegas Oil Field (approximately 350-feet south and approximately 450-feet west of the subject property).As such, the subject property may be subject to ordinance conditions for any new construction onsite.

Prepared by

Jessica Himebauch
Senior Geologist
Environmental Due Diligence Practice

Kristen Galeckas
Environmental Geologist
Environmental Due Diligence Practice

Attachment 1 – EDR Environmental Lien and AUL Search Report
Attachment 2 – EDR Environmental Database Report

References

Agencies Contacted

City of Los Angeles Bureau of Engineering, Department of Public Works, NavigateLA online database search, http://navigatela.lacity.org/navigatela/

City of Los Angeles Department of Building and Safety, Online Building Records Search, http://ladbsdoc.lacity.org/idispublic/

City of Los Angeles, Department of City Planning, Zone Information and Map Access System (ZIMAS), http://zimas.lacity.org/

City of Los Angeles Fire Department, Inventory Lists of Underground Storage Tank, Above Ground Petroleum Storage Tank, and Hazardous Materials Facilities Located within The City of Los Angeles, http://www.lafd.org/fire-prevention/cupa/public-records

Los Angeles County Office of the Assessor, Property Assessment Information System (PAIS), http://maps.assessor.lacounty.gov/GVH_2_2/Index.html?configBase=http://maps.assessor.lacounty.gov/Geocortex/Essentials/REST/sites/PAIS/viewers/PAIS_hv/virtualdirectory/Resources/Config/Default

State, California Department of Conservation, Division of Oil, Gas and Geothermal Resources (DOGGR) Well Finder, http://www.conservation.ca.gov/dog/Pages/wellfinder.aspx

State, California Department of Toxic Substances Control (DTSC), EnviroStor online database, http://www.envirostor.dtsc.ca.gov/public/

State, California Environmental Protection Agency (EPA), Site Portal online database, https://siteportal.calepa.ca.gov

State, California Water Resources Control Board (SWRCB), GeoTracker online database, http://GeoTracker.swrcb.ca.gov/

United States Department of Transportation (DOT), Pipeline and Hazardous Materials Safety Administration (PHMSA), National Pipeline Mapping System (NPMS) public map viewer, https://pvnpms.phmsa.dot.gov/PublicViewer/

United States Environmental Protection Agency (EPA), Envirofacts Multisystem online search, https://www3.epa.gov/enviro/facts/multisystem.html

United States EPA, Superfund Enterprise Management System (SEMS) online search, https://www.epa.gov/enviro/sems-search

Documents Reviewed

ASTM E 2600-15, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, dated October 2015. www.astm.org.

EDR Aerial Photo Decade Package prepared for 1819 S. Western Ave, Los Angeles, California 90019, dated September 18, 2018. Inquiry number 5426386.11. Aerial photographs dated 1928, 1938, 1948, 1952, 1954, 1964, 1970, 1977, 1981, 1989, 1994, 2002, 2005, 2009, 2012, and 2016. Report prepared by Environmental Data Resources Inc., 6 Armstrong Road, Shelton, Connecticut 06484, (800) 352-0050, www.edrnet.com.

EDR Building Permit Report prepared for 1819 S. Western Ave, Los Angeles, California 90019, dated September 17, 2018. Inquiry number 5426386.8. Report prepared by Environmental Data Resources Inc., 6 Armstrong Road, Shelton, Connecticut 06484, (800) 352-0050, www.edrnet.com.

EDR Certified Sanborn® Map Report prepared for 1819 S. Western Ave, Los Angeles, California 90019, dated September 18, 2018. Sanborn maps dated 1907, 1921, 1950, 1954, 1955, 1960, 1961, 1962, 1966, 1968, and 1970. Inquiry number 5426386.3. Report prepared by Environmental Data Resources Inc., 6 Armstrong Road, Shelton, Connecticut 06484, (800) 352-0050, www.edrnet.com.

EDR City Directory Abstract prepared for 1819 S. Western Ave, Los Angeles, California 90019, dated September 18, 2018. Inquiry number 5426386.5. City directories reviewed at approximately 5-year intervals from 1920 to 2014. Report prepared by Environmental Data Resources Inc., 6 Armstrong Road, Shelton, Connecticut 06484, (800) 352-0050, www.edrnet.com.

EDR Environmental Lien and AUL Search prepared for 1819 S. Western Ave, Los Angeles, California 90019, dated September 19, 2018. Inquiry number 5426386.7. Report prepared by Environmental Data Resources Inc., 6 Armstrong Road, Shelton, Connecticut 06484, (800) 352-0050, www.edrnet.com.

EDR Historical Topo Map Report with QuadMatch™ prepared for 1819 S. Western Ave, Los Angeles, California 90019, dated September 17, 2018. Inquiry number 5426386.4. Topographic Maps 1894, 1896, 1898, 1900, 1902, 1920, 1921, 1924, 1953, 1966, 1972, 1981, 1991, and 2012. Report prepared by Environmental Data Resources Inc., 6 Armstrong Road, Shelton, Connecticut 06484, (800) 352-0050, www.edrnet.com.

EDR Property Tax Map Report prepared for 1819 S. Western Ave, Los Angeles, California 90019, dated September 17, 2018. Inquiry number 5426386.6. Report prepared by Environmental Data Resources Inc., 6 Armstrong Road, Shelton, Connecticut 06484, (800) 352-0050, www.edrnet.com.

EDR Radius Map™ Report with GeoCheck® prepared for 1819 S. Western Ave, Los Angeles, California 90019, dated September 17, 2018. Inquiry number 5426386.2r. Report prepared by Environmental Data Resources Inc., 6 Armstrong Road, Shelton, Connecticut 06484, (800) 352-0050, www.edrnet.com.

Attachment 1
EDR Environmental Lien and AUL Search Report

LABOE Western
1819 S Western Ave
Los Angeles, CA 90019

Inquiry Number: 5426386.7
September 19, 2018

EDR Environmental Lien and AUL Search

EDR® Environmental Data Resources Inc

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

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

1819 S Western Ave
LABOE Western
Los Angeles, CA 90019

RESEARCH SOURCE

Source 1:

LA Recorder
Los Angeles, CA

PROPERTY INFORMATION

Deed 1:

Type of Deed:	deed
Title is vested in:	City of LA
Title received from:	Bank of America NA
Deed Dated	12/3/2002
Deed Recorded:	12/27/2002
Book:	NA
Page:	na
Volume:	na
Instrument:	na
Docket:	NA
Land Record Comments:	apn chg
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	City Of LA
Parcel # / Property Identifier:	5073-013-900, 5073-013-901, 5073-013-902
Comments:	See Exhibit

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

Deed Exhibit 1

LEAD SHEET

02 3184843

RECORDED/FILED IN OFFICIAL RECORDS
RECORDER'S OFFICE
LOS ANGELES COUNTY
CALIFORNIA
DEC 27 2002
AT 8 A.M.

SPACE ABOVE THIS LINE FOR RECORDER'S USE

TITLE(S)

Deed

FEE

FREE 1 3

D.T.T.

CODE 20

CODE 19

CODE 9___

Assessor's Identification Number (AIN)
To Be Completed By Examiner OR Title Company In Black Ink

5073 013 016

Number of Parcels Shown

002

THIS FORM IS NOT TO BE DUPLICATED

2

RECORDING REQUESTED BY AND
WHEN RECORDED MAIL TO:

02 3184843

City of Los Angeles
Department of General Services
Attention: Robert Holloway
200 No. Main St., Suite 800
Los Angeles, California 90012

MAIL TAX STATEMENTS TO:
Same as above

(Above Space For Recorder's Use Only)

CORPORATION GRANT DEED

Documentary Transfer Tax Exempt pursuant to government code Section 6103 and R & T code 11922

FOR A VALUABLE CONSIDERATION, RECEIPT OF WHICH IS HEREBY ACKNOWLEDGED, BANK OF AMERICA, N.A., a national banking association, formerly known as Bank of America National Trust and Savings Association, hereby grants to CITY OF LOS ANGELES the real property in Los Angeles County, State of California, described as follows (the "Property"):

> Lots 10, 11, 18 and 19 of Strong & Dickinson's West Washington Street Tract in the City of Los Angeles, County of Los Angeles, State of California, as per map recorded in Book 6, page 74 maps in the office of the County Recorder of said county.

This conveyance is subject to non-delinquent taxes and assessments, and all matters of record and off-record affecting the Property, including without limitation matters which could be ascertained by an inspection or survey of the Property.

DATED: December 3, 2002

BANK OF AMERICA, N.A.,
a national banking association

By: _____

Name: MICHAEL C. DAVIS
Title: SENIOR VICE PRESIDENT

(20,910,810-013-705)

ACKNOWLEDGMENT

STATE OF CALIFORNIA)
) ss.
COUNTY OF San Diego)

On December 3, 2002, before me Peggy J. French, Notary Public, personally appeared Michael C. Davis, personally known to me (or ~~proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(~~s~~) is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

WITNESS my hand and official seal.

Peggy J. French
Notary Public in and for said
County and State

[SEAL]

PEGGY J. FRENCH
Commission # 1207169
Notary Public - California
San Diego County
My Comm. Expires Jan 8, 2003

02 3184843

4

BANK OF AMERICA, N.A.
a National Banking Association

TO

THE CITY OF LOS ANGELES

GRANT DEED

Date: December 3, 2002

JOB TITLE: 1819 South Western, Los Angeles CA
APN: 5073-013-021, 015, 016
Mid-Wilshire Police Community Service Center

STANDARD INSTRUMENT

Checked as to parties, marital status, dates, signature, acknowledgments and corporate seal.

By _____
Authorized Officer

Approved as to Authority December 20, 2002

By _____
Authorized Officer

CERTIFICATE OF ACCEPTANCE

This is to certify that the interest in real property conveyed by the within deed or grant to the City of Los Angeles, a municipal corporation, is hereby accepted under the authority of the City Council of the City of Los Angeles, pursuant to Ordinance No. 171735, approved on October 23, 1997, and the grantee consents to the recordation thereof by its duly authorized officer.

By _____
Authorized Officer

Date December 20, 2002

Approved as to Description DECEMBER 19, 2002

By _____
Authorized Officer

Approved December 23, 2002

ROCKARD J. DELGADILLO, City Attorney.

By _____
ASSISTANT CITY ATTORNEY

Division _____
Platted _____ C.M. _____
By _____ C.E. _____

Council File No. 00-0927

02 3184843

Attachment 2
EDR Environmental Database Report

LABOE Western
1819 S Western Ave
Los Angeles, CA 90019

Inquiry Number: 05426386.2r
September 17, 2018

The EDR Radius Map™ Report with GeoCheck®

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

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	9
Orphan Summary	133
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-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), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1819 S WESTERN AVE
LOS ANGELES, CA 90019

COORDINATES

Latitude (North):	34.0411260 - 34° 2' 28.05''
Longitude (West):	118.3093430 - 118° 18' 33.63''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	379136.6
UTM Y (Meters):	3767294.5
Elevation:	207 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5630741 HOLLYWOOD, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140513
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1819 S WESTERN AVE
LOS ANGELES, CA 90019

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	CONSTITUENT SERVICE	1819 S WESTERN AVE	HAZNET		TP
A2	NEW WESTERN AVENUE T	1813 S WESTERN AVE	EDR Hist Cleaner	Higher	129, 0.024, NNE
A3	DANNYS CLEANER & LAU	1714 S WESTERN AVE	RCRA-SQG, FINDS, ECHO	Higher	157, 0.030, NNE
A4	X-CEL CLEANERS	1714 S WESTERN AVE	EDR Hist Cleaner	Higher	157, 0.030, NNE
A5	TOSCO CORPORATION	1854 S WESTERN AVE	SWEEPS UST, CA FID UST	Lower	158, 0.030, SE
A6	STUART G D	1854 S WESTERN AVE	EDR Hist Auto	Lower	158, 0.030, SE
A7	ELYS CLEANERS	1710 S WESTERN AVE	EDR Hist Cleaner	Higher	163, 0.031, NNE
A8	DOLLAR CLEANERS	1710-12 S WESTERN AV	DRYCLEANERS	Higher	163, 0.031, NNE
A9	ELY'S CLEANERS	1710 S WESTERN AVE	DRYCLEANERS	Higher	163, 0.031, NNE
A10	GOLDEN PLAZA	1864 S WESTERN AVE	SWEEPS UST, CA FID UST	Lower	172, 0.033, SE
B11	TWEEDIE T F	2239 W WASHINGTON BL	EDR Hist Auto	Lower	298, 0.056, SW
C12	CHEVRON USA	2201 W WASHINGTON BL	SWEEPS UST	Lower	318, 0.060, South
C13	NAKAGAMA RAY	2201 W WASHINGTON	EDR Hist Auto	Lower	318, 0.060, South
B14	WHINER FRED	2249 W WASHINGTON BL	EDR Hist Cleaner	Lower	351, 0.066, SW
B15	EASTON A C	2247 W WASHINGTON BL	EDR Hist Cleaner	Lower	356, 0.067, SW
B16	REUTER VALLEY	2253 W WASHINGTON BL	EDR Hist Auto	Lower	375, 0.071, SW
C17	EDGECOMB EDDIE	1900 S WESTERN AVE	EDR Hist Auto	Lower	393, 0.074, SSE
C18	UNK	1900 S WESTERN AVE	SWEEPS UST, CA FID UST	Lower	393, 0.074, SSE
B19	PENN S F	2236 W WASHINGTON BL	EDR Hist Cleaner	Lower	405, 0.077, SSW
C20	OTTO'S DRY CLEANERS	1905 S WESTERN AVE S	DRYCLEANERS	Lower	434, 0.082, South
C21	OTTOS CLEANERS	1905 S WESTERN AVE S	EDR Hist Cleaner	Lower	434, 0.082, South
D22	YICK YUEN	2167 W WASHINGTON BL	EDR Hist Cleaner	Lower	453, 0.086, SE
C23	FAIRS MONTAGUE	1906 S WESTERN AVE	EDR Hist Cleaner	Lower	463, 0.088, SSE
C24	SHELL 204-4531-2000	2190 WASHINGTON BLVD	LUST	Lower	474, 0.090, SSE
C25	CHANGS SHELL	2190 W WASHINGTON	HIST UST	Lower	474, 0.090, SSE
C26	J. HOON CHANG	2190 W WASHINGTON BL	SWEEPS UST, CA FID UST	Lower	474, 0.090, SSE
C27	SHELL 204-4531-2000	2190 WASHINGTON	HIST CORTESE	Lower	474, 0.090, SSE
C28	BLOOM B B	2190 W WASHINGTON PL	EDR Hist Auto	Lower	474, 0.090, SSE
D29	GILLONS AURA MRS	2159 W WASHINGTON BL	EDR Hist Cleaner	Lower	495, 0.094, SE
B30	SUPERBA CLEANERS D	2265 W WASHINGTON PL	EDR Hist Cleaner	Lower	499, 0.095, WSW
B31	GOODMAN S H	2232 W WASHINGTON	EDR Hist Cleaner	Lower	502, 0.095, SSW
E32	CVS PHARMACY #9626	1701 SOUTH WESTERN A	RCRA-LQG, FINDS, ECHO	Higher	503, 0.095, North
C33	ROSSFIELD RENNE	1911 S WESTERN AVE	EDR Hist Cleaner	Lower	505, 0.096, South
B34	RPM REPLACEMENT PART	2252 W WASHINGTON BL	EDR Hist Auto	Lower	558, 0.106, SW
E35	VENICE WEST AUTO REP	2340 VENICE BLVD	UST, SWEEPS UST	Higher	741, 0.140, North
E36	THE TUNE UP OIL CHAN	2340 VENICE BLVD	CA FID UST, HAZNET	Higher	741, 0.140, North
37	C & S AUTOMOTIVE	2305 W WASHINGTON BL	SWEEPS UST, CA FID UST	Lower	753, 0.143, WSW
F38	INTERSTATE RECOVERY	2268 VENICE BLVD	SWEEPS UST, CA FID UST	Higher	811, 0.154, NNE
G39	LOS ANGELES FIRE STA	2009 S WESTERN AVE	UST, SWEEPS UST	Lower	830, 0.157, South

MAPPED SITES SUMMARY

Target Property Address:
1819 S WESTERN AVE
LOS ANGELES, CA 90019

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G40	FIRE STATION 26	2009 S WESTERN AVE	HIST UST	Lower	830, 0.157, South
G41	FIRE STATION 26	2009 S WESTERN AVE	CA FID UST	Lower	830, 0.157, South
G42	LA FIRE STATION 26	2009 S WESTERN AVE	RCRA-SQG, FINDS, ECHO	Lower	830, 0.157, South
F43	VENICE MOVING CENTER	1600 WESTERN AVE	HIST UST	Higher	830, 0.157, North
F44	U-HAUL COMPANY OF L.	1600 S WESTERN AVE	SWEEPS UST, CA FID UST	Higher	830, 0.157, North
45	KITCHEN WAREHOUSE	2115 W WASHINGTON BL	SWEEPS UST, CA FID UST	Higher	837, 0.159, ESE
F46	VENICE BATTERY SHOP	2230 VENICE BLVD	SWEEPS UST, CA FID UST, HIST CORTESE	Higher	937, 0.177, NE
F47	MAURO B GARY	1570 S WESTERN AVE	SWEEPS UST, HIST UST, CA FID UST	Higher	965, 0.183, NNE
F48	90926	1570 S WESTERN AVE	HIST UST	Higher	965, 0.183, NNE
F49	CHEVRON STATION #9-0	1570 S WESTERN AVE	UST	Higher	965, 0.183, NNE
G50	AUTOBAHN MOTORS	2020 S WESTERN AVE	SWEEPS UST, CA FID UST	Lower	971, 0.184, South
G51	CALIFORNIA BEST TRAN	2030 S WESTERN AVE	RCRA-SQG, FINDS, ECHO	Lower	995, 0.188, South
52	VENICE AUTO CENTER	2200 W VENICE BLVD	SWEEPS UST, CA FID UST	Higher	1078, 0.204, NE
53	PHOTO CITY 3	1535 S WESTERN AVE	RCRA-SQG, FINDS, ECHO	Lower	1104, 0.209, North
54	HYUNDAI AUTO BADY &	WESTERN & SANTAMONIC	RCRA-SQG	Lower	1111, 0.210, South
55	LEARNER GAS STATION	2066 W WASHINGTON BL	SWEEPS UST, CA FID UST	Higher	1243, 0.235, ESE
H56	SHELL SERVICE STATIO	1303 WESTERN AVE. S.	LUST	Lower	2044, 0.387, North
57	ACTA NORTH - PACEL N	2540 WASHINGTON BLVD	CPS-SLIC	Lower	2076, 0.393, WSW
H58	WESSEN BUICK DEALER	3101 PICO BLVD W	LUST	Lower	2175, 0.412, North
59	LAIDLAW/WASHINGTON B	1950 E. WASHINGTON B	SWF/LF	Lower	2225, 0.421, ESE
I60	CHEVRON #9-4125	1907 ARLINGTON	LUST, HIST CORTESE	Lower	2478, 0.469, WSW
I61	CHEVRON 94125	1907 S ARLINGTON AVE	RCRA-SQG, LUST, UST	Lower	2478, 0.469, WSW
62	VENICE AUTO CENTER	2000 W. VENICE BLVD	LUST	Higher	2562, 0.485, ENE
63	PIO PICO PLAYGROUND	1313, 1325, 1327, 13	ENVIROSTOR, SCH	Lower	2644, 0.501, NW
I64	CENTRAL REGION ES #1	WEST WASHINGTON BLVD	ENVIROSTOR, SCH, DEED	Lower	2742, 0.519, West
65	CENTRAL REGION ELEME	WEST WASHINGTON BLVD	ENVIROSTOR, SCH	Lower	4431, 0.839, East
J66	LOS ANGELES TECHNOLO	3721 WEST WASHINGTON	ENVIROSTOR, SCH	Lower	4640, 0.879, West
J67	THE EXCEPTIONAL CHIL	3740 WEST WASHINGTON	ENVIROSTOR	Lower	4651, 0.881, West
68	HOBART/WILTON PRIMAR	SAN MARINO ST/SAINT	ENVIROSTOR, SCH	Lower	4816, 0.912, North
69	MOUNT VERNON MIDDLE	4066 WEST 17TH STREE	ENVIROSTOR, SCH	Lower	4837, 0.916, West
70	HOBART ELEMENTARY SC	3336 SAN MARINO STRE	ENVIROSTOR, SCH	Lower	4952, 0.938, NNE
71	LOS ANGELES PRIMARY	WEST OLYMPIC BOULEVA	ENVIROSTOR, SCH	Lower	4976, 0.942, NE
72	ARLINGTON HEIGHTS EL	1717 SEVENTH AVENUE	ENVIROSTOR, SCH	Lower	5051, 0.957, West

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
CONSTITUENT SERVICE 1819 S WESTERN AVE LOS ANGELES, CA 90006	HAZNET GEPAID: CAP000152512	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 CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

EXECUTIVE SUMMARY

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

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
AST ---- Aboveground Petroleum Storage Tank Facilities
INDIAN UST ---- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP ---- Voluntary Cleanup Program Properties
INDIAN VCP ---- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

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

WMUDS/SWAT ---- Waste Management Unit Database
SWRCY ---- Recycler Database
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
IHS OPEN DUMPS ---- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

AOCONCERN ---- San Gabriel Valley Areas of Concern
US HIST CDL ---- Delisted National Clandestine Laboratory Register

HIST Cal-Sites	Historical Calsites Database
SCH	School Property Evaluation Program
CDL	Clandestine Drug Labs
Toxic Pits	Toxic Pits Cleanup Act Sites
US CDL	National Clandestine Laboratory Register
CERS HAZ WASTE	CERS HAZ WASTE

Local Lists of Registered Storage Tanks

CERS TANKS	California Environmental Reporting System (CERS) Tanks

Local Land Records

LIENS	Environmental Liens Listing
LIENS 2	CERCLA Lien Information
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program 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 AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
FINDS ---- Facility Index System/Facility Registry System
UXO ---- Unexploded Ordnance Sites
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
ECHO ---- Enforcement & Compliance History Information
FUELS PROGRAM ---- EPA Fuels Program Registered Listing
CA BOND EXP. PLAN ---- Bond Expenditure Plan
Cortese ---- "Cortese" Hazardous Waste & Substances Sites List
CUPA Listings ---- CUPA Resources List
EMI ---- Emissions Inventory Data
ENF ---- Enforcement Action Listing
Financial Assurance ---- Financial Assurance Information Listing
ICE ---- ICE
LOS ANGELES CO. HMS ---- HMS: Street Number List
HWP ---- EnviroStor Permitted Facilities Listing
HWT ---- Registered Hazardous Waste Transporter Database
MINES ---- Mines Site Location Listing
MWMP ---- Medical Waste Management Program Listing
NPDES ---- NPDES Permits Listing
PEST LIC ---- Pesticide Regulation Licenses Listing
PROC ---- Certified Processors Database
Notify 65 ---- Proposition 65 Records
LA Co. Site Mitigation ---- Site Mitigation List
UIC ---- UIC Listing
WASTEWATER PITS ---- Oil Wastewater Pits Listing
WDS ---- Waste Discharge System
WIP ---- Well Investigation Program Case List
WELL STIM PROJ ---- Well Stimulation Project (GEOTRACKER)
NON-CASE INFO ---- NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS ---- OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS ---- PROD WATER PONDS (GEOTRACKER)
WDR ---- Waste Discharge Requirements Listing
SAMPLING POINT ---- SAMPLING POINT (GEOTRACKER)
UIC GEO ---- UIC GEO (GEOTRACKER)
CIWQS ---- California Integrated Water Quality System
CERS ---- CERS
MILITARY PRIV SITES ---- MILITARY PRIV SITES (GEOTRACKER)
PROJECT ---- PROJECT (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---- Recovered Government Archive Solid Waste Facilities List

EXECUTIVE SUMMARY

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.

STANDARD ENVIRONMENTAL RECORDS

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 03/01/2018 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CVS PHARMACY #9626 EPA ID:: CAR000237743	***1701 SOUTH WESTERN A***	***N 0 - 1/8 (0.095 mi.)***	***E32***	***25***

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 03/01/2018 has revealed that there are 5 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DANNYS CLEANER & LAU EPA ID:: CAD982004608	***1714 S WESTERN AVE***	***NNE 0 - 1/8 (0.030 mi.)***	***A3***	***10***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LA FIRE STATION 26 EPA ID:: CAD981962467	***2009 S WESTERN AVE***	***S 1/8 - 1/4 (0.157 mi.)***	***G42***	***38***
CALIFORNIA BEST TRAN	***2030 S WESTERN AVE***	***S 1/8 - 1/4 (0.188 mi.)***	***G51***	***47***

EPA ID:: CAD983602152				
PHOTO CITY 3 EPA ID:: CAD982361040	***1535 S WESTERN AVE***	***N 1/8 - 1/4 (0.209 mi.)***	***53***	***50***
HYUNDAI AUTO BADY & EPA ID:: CAD982471880	WESTERN & SANTAMONIC	S 1/8 - 1/4 (0.210 mi.)	54	51

State- and tribal - equivalent CERCLIS

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 ENVIROSTOR list, as provided by EDR, and dated 07/30/2018 has revealed that there are 10 ENVIROSTOR sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PIO PICO PLAYGROUND Facility Id: 19880036 Status: No Action Required	***1313, 1325, 1327, 13***	***NW 1/2 - 1 (0.501 mi.)***	***63***	***70***
CENTRAL REGION ES #1 Facility Id: 37000008 Status: Active	***WEST WASHINGTON BLVD***	***W 1/2 - 1 (0.519 mi.)***	***I64***	***73***
CENTRAL REGION ELEME Facility Id: 60000072 Status: Certified	***WEST WASHINGTON BLVD***	***E 1/2 - 1 (0.839 mi.)***	***65***	***104***
LOS ANGELES TECHNOLO Facility Id: 19000015 Status: Inactive - Needs Evaluation	***3721 WEST WASHINGTON***	***W 1/2 - 1 (0.879 mi.)***	***J66***	***108***
THE EXCEPTIONAL CHIL Facility Id: 19830002 Status: No Action Required	3740 WEST WASHINGTON	W 1/2 - 1 (0.881 mi.)	J67	110
HOBART/WILTON PRIMAR Facility Id: 19880072 Status: Inactive - Withdrawn	***SAN MARINO ST/SAINT***	***N 1/2 - 1 (0.912 mi.)***	***68***	***111***
MOUNT VERNON MIDDLE Facility Id: 19820089 Status: Inactive - Withdrawn	***4066 WEST 17TH STREE***	***W 1/2 - 1 (0.916 mi.)***	***69***	***114***
HOBART ELEMENTARY SC Facility Id: 19650013 Status: Certified	***3336 SAN MARINO STRE***	***NNE 1/2 - 1 (0.938 mi.)***	***70***	***117***
LOS ANGELES PRIMARY	***WEST OLYMPIC BOULEVA***	***NE 1/2 - 1 (0.942 mi.)***	***71***	***121***

Facility Id: 19790002
Status: Certified

ARLINGTON HEIGHTS EL	***1717 SEVENTH AVENUE***	***W 1/2 - 1 (0.957 mi.)***	***72***	***129***

Facility Id: 19880019
Status: No Further Action

State and tribal landfill and/or solid waste disposal site lists

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 SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LAIDLAW/WASHINGTON B	1950 E. WASHINGTON B	ESE 1/4 - 1/2 (0.421 mi.)	59	60

Database: SWF/LF (SWIS), Date of Government Version: 08/08/2018
Facility ID: 19-AR-5501

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VENICE AUTO CENTER	2000 W. VENICE BLVD	ENE 1/4 - 1/2 (0.485 mi.)	62	68

Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T0603759539

Lower Elevation	Address	Direction / Distance	Map ID	Page
SHELL 204-4531-2000	2190 WASHINGTON BLVD	SSE 0 - 1/8 (0.090 mi.)	C24	19

Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 900180016
Status: Case Closed
Global Id: T0603700600
Global ID: T0603700600

SHELL SERVICE STATIO	1303 WESTERN AVE. S.	N 1/4 - 1/2 (0.387 mi.)	H56	54

Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed

Global Id: T0603708316

WESSEN BUICK DEALER	3101 PICO BLVD W	N 1/4 - 1/2 (0.412 mi.)	H58	57
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 06/11/2018 Status: Completed - Case Closed Facility Id: 900190034 Status: Case Closed Global Id: T0603700613 Global ID: T0603700613				
CHEVRON #9-4125	***1907 ARLINGTON***	***WSW 1/4 - 1/2 (0.469 mi.)***	***I60***	***60***
Database: LUST, Date of Government Version: 06/11/2018 Status: Completed - Case Closed Global Id: T0603700605				
CHEVRON 94125	***1907 S ARLINGTON AVE***	***WSW 1/4 - 1/2 (0.469 mi.)***	***I61***	***65***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Facility Id: 900180061 Status: Leak being confirmed Global ID: T0603700605				

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there is 1 CPS-SLIC site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ACTA NORTH - PACEL N	2540 WASHINGTON BLVD	WSW 1/4 - 1/2 (0.393 mi.)	57	57
Database: CPS-SLIC, Date of Government Version: 06/11/2018 Facility Status: Completed - Case Closed Global Id: SL0603770417				

State and tribal registered storage tank lists

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 UST list, as provided by EDR, has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VENICE WEST AUTO REP	***2340 VENICE BLVD***	***N 1/8 - 1/4 (0.140 mi.)***	***E35***	***33***
Database: UST, Date of Government Version: 06/11/2018 Facility Id: 25086				
CHEVRON STATION #9-0	1570 S WESTERN AVE	NNE 1/8 - 1/4 (0.183 mi.)	F49	46
Database: UST, Date of Government Version: 06/11/2018				

Facility Id: 23748

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOS ANGELES FIRE STA	***2009 S WESTERN AVE***	***S 1/8 - 1/4 (0.157 mi.)***	***G39***	***36***
Database: UST, Date of Government Version: 06/11/2018 Facility Id: 25044 Facility Id: FA0003913				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

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 SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 16 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VENICE WEST AUTO REP Status: A Comp Number: 6519	***2340 VENICE BLVD***	***N 1/8 - 1/4 (0.140 mi.)***	***E35***	***33***
INTERSTATE RECOVERY Comp Number: 5607	***2268 VENICE BLVD***	***NNE 1/8 - 1/4 (0.154 mi.)***	***F38***	***35***
U-HAUL COMPANY OF L. Comp Number: 209	***1600 S WESTERN AVE***	***N 1/8 - 1/4 (0.157 mi.)***	***F44***	***40***
KITCHEN WAREHOUSE Comp Number: 8116	***2115 W WASHINGTON BL***	***ESE 1/8 - 1/4 (0.159 mi.)***	***45***	***42***
VENICE BATTERY SHOP Comp Number: 5606	***2230 VENICE BLVD***	***NE 1/8 - 1/4 (0.177 mi.)***	***F46***	***42***
MAURO B GARY Status: A Tank Status: A Comp Number: 3479	***1570 S WESTERN AVE***	***NNE 1/8 - 1/4 (0.183 mi.)***	***F47***	***43***
VENICE AUTO CENTER Comp Number: 5602	***2200 W VENICE BLVD***	***NE 1/8 - 1/4 (0.204 mi.)***	***52***	***49***
LEARNER GAS STATION Comp Number: 5618	***2066 W WASHINGTON BL***	***ESE 1/8 - 1/4 (0.235 mi.)***	***55***	***53***

Lower Elevation	Address	Direction / Distance	Map ID	Page
TOSCO CORPORATION Comp Number: 4413	***1854 S WESTERN AVE***	***SE 0 - 1/8 (0.030 mi.)***	***A5***	***12***
GOLDEN PLAZA Comp Number: 6848	***1864 S WESTERN AVE***	***SE 0 - 1/8 (0.033 mi.)***	***A10***	***14***
CHEVRON USA	2201 W WASHINGTON BL	S 0 - 1/8 (0.060 mi.)	C12	15

Comp Number: 6706				
UNK	***1900 S WESTERN AVE***	***SSE 0 - 1/8 (0.074 mi.)***	***C18***	***16***
Comp Number: 7892				
J. HOON CHANG	***2190 W WASHINGTON BL***	***SSE 0 - 1/8 (0.090 mi.)***	***C26***	***22***
Comp Number: 3307				
C & S AUTOMOTIVE	***2305 W WASHINGTON BL***	***WSW 1/8 - 1/4 (0.143 mi.)***	***37***	***34***
Comp Number: 5620				
LOS ANGELES FIRE STA	***2009 S WESTERN AVE***	***S 1/8 - 1/4 (0.157 mi.)***	***G39***	***36***
Status: A				
Tank Status: A				
Comp Number: 2611				
AUTOBAHN MOTORS	***2020 S WESTERN AVE***	***S 1/8 - 1/4 (0.184 mi.)***	***G50***	***47***
Comp Number: 5629				

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 5 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VENICE MOVING CENTER	1600 WESTERN AVE	N 1/8 - 1/4 (0.157 mi.)	F43	39
Facility Id: 00000003554				
MAURO B GARY	***1570 S WESTERN AVE***	***NNE 1/8 - 1/4 (0.183 mi.)***	***F47***	***43***
90926	1570 S WESTERN AVE	NNE 1/8 - 1/4 (0.183 mi.)	F48	45
Facility Id: 00000061943				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHANGS SHELL	2190 W WASHINGTON	SSE 0 - 1/8 (0.090 mi.)	C25	21
Facility Id: 00000061061				
FIRE STATION 26	2009 S WESTERN AVE	S 1/8 - 1/4 (0.157 mi.)	G40	37
Facility Id: 00000047435				

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 15 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THE TUNE UP OIL CHAN	***2340 VENICE BLVD***	***N 1/8 - 1/4 (0.140 mi.)***	***E36***	***34***
Facility Id: 19019886				
Status: A				
INTERSTATE RECOVERY	***2268 VENICE BLVD***	***NNE 1/8 - 1/4 (0.154 mi.)***	***F38***	***35***
Facility Id: 19054445				
Status: I				
U-HAUL COMPANY OF L.	***1600 S WESTERN AVE***	***N 1/8 - 1/4 (0.157 mi.)***	***F44***	***40***

Facility Id: 19010780 Status: I				
KITCHEN WAREHOUSE Facility Id: 19026096 Status: I	***2115 W WASHINGTON BL***	***ESE 1/8 - 1/4 (0.159 mi.)***	***45***	***42***
VENICE BATTERY SHOP Facility Id: 19043330 Status: A	***2230 VENICE BLVD***	***NE 1/8 - 1/4 (0.177 mi.)***	***F46***	***42***
MAURO B GARY Facility Id: 19007261 Status: A	***1570 S WESTERN AVE***	***NNE 1/8 - 1/4 (0.183 mi.)***	***F47***	***43***
VENICE AUTO CENTER Facility Id: 19056089 Status: A	***2200 W VENICE BLVD***	***NE 1/8 - 1/4 (0.204 mi.)***	***52***	***49***
LEARNER GAS STATION Facility Id: 19056093 Status: A	***2066 W WASHINGTON BL***	***ESE 1/8 - 1/4 (0.235 mi.)***	***55***	***53***

Lower Elevation	Address	Direction / Distance	Map ID	Page
TOSCO CORPORATION Facility Id: 19054344 Status: I	***1854 S WESTERN AVE***	***SE 0 - 1/8 (0.030 mi.)***	***A5***	***12***
GOLDEN PLAZA Facility Id: 19056361 Status: A	***1864 S WESTERN AVE***	***SE 0 - 1/8 (0.033 mi.)***	***A10***	***14***
UNK Facility Id: 19054678 Status: I	***1900 S WESTERN AVE***	***SSE 0 - 1/8 (0.074 mi.)***	***C18***	***16***
J. HOON CHANG Facility Id: 19001001 Status: I	***2190 W WASHINGTON BL***	***SSE 0 - 1/8 (0.090 mi.)***	***C26***	***22***
C & S AUTOMOTIVE Facility Id: 19056094 Status: A	***2305 W WASHINGTON BL***	***WSW 1/8 - 1/4 (0.143 mi.)***	***37***	***34***
FIRE STATION 26 Facility Id: 19024399 Status: A	2009 S WESTERN AVE	S 1/8 - 1/4 (0.157 mi.)	G41	37
AUTOBAHN MOTORS Facility Id: 19048820 Status: A	***2020 S WESTERN AVE***	***S 1/8 - 1/4 (0.184 mi.)***	***G50***	***47***

Other Ascertainable Records

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, has revealed that there are 3 DRYCLEANERS sites

within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOLLAR CLEANERS	1710-12 S WESTERN AV	NNE 0 - 1/8 (0.031 mi.)	A8	13
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 03/16/2018				
ELY'S CLEANERS	1710 S WESTERN AVE	NNE 0 - 1/8 (0.031 mi.)	A9	13
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 03/16/2018				

Lower Elevation	Address	Direction / Distance	Map ID	Page
OTTO'S DRY CLEANERS	1905 S WESTERN AVE S	S 0 - 1/8 (0.082 mi.)	C20	17
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 03/16/2018				

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 HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VENICE BATTERY SHOP	***2230 VENICE BLVD***	***NE 1/8 - 1/4 (0.177 mi.)***	***F46***	***42***
Reg Id: 083000963T				
Reg Id: 083001594T				

Lower Elevation	Address	Direction / Distance	Map ID	Page
SHELL 204-4531-2000	2190 WASHINGTON	SSE 0 - 1/8 (0.090 mi.)	C27	24
Reg Id: 900180016				
CHEVRON #9-4125	***1907 ARLINGTON***	***WSW 1/4 - 1/2 (0.469 mi.)***	***I60***	***60***
Reg Id: 900180061				

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 7 EDR Hist Auto sites within approximately 0.125 miles of the target property.

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
STUART G D	1854 S WESTERN AVE	SE 0 - 1/8 (0.030 mi.)	A6	12
TWEEDIE T F	2239 W WASHINGTON BL	SW 0 - 1/8 (0.056 mi.)	B11	14
NAKAGAMA RAY	2201 W WASHINGTON	S 0 - 1/8 (0.060 mi.)	C13	15
REUTER VALLEY	2253 W WASHINGTON BL	SW 0 - 1/8 (0.071 mi.)	B16	16
EDGECOMB EDDIE	1900 S WESTERN AVE	SSE 0 - 1/8 (0.074 mi.)	C17	16
BLOOM B B	2190 W WASHINGTON PL	SSE 0 - 1/8 (0.090 mi.)	C28	24
RPM REPLACEMENT PART	2252 W WASHINGTON BL	SW 0 - 1/8 (0.106 mi.)	B34	33

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 13 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

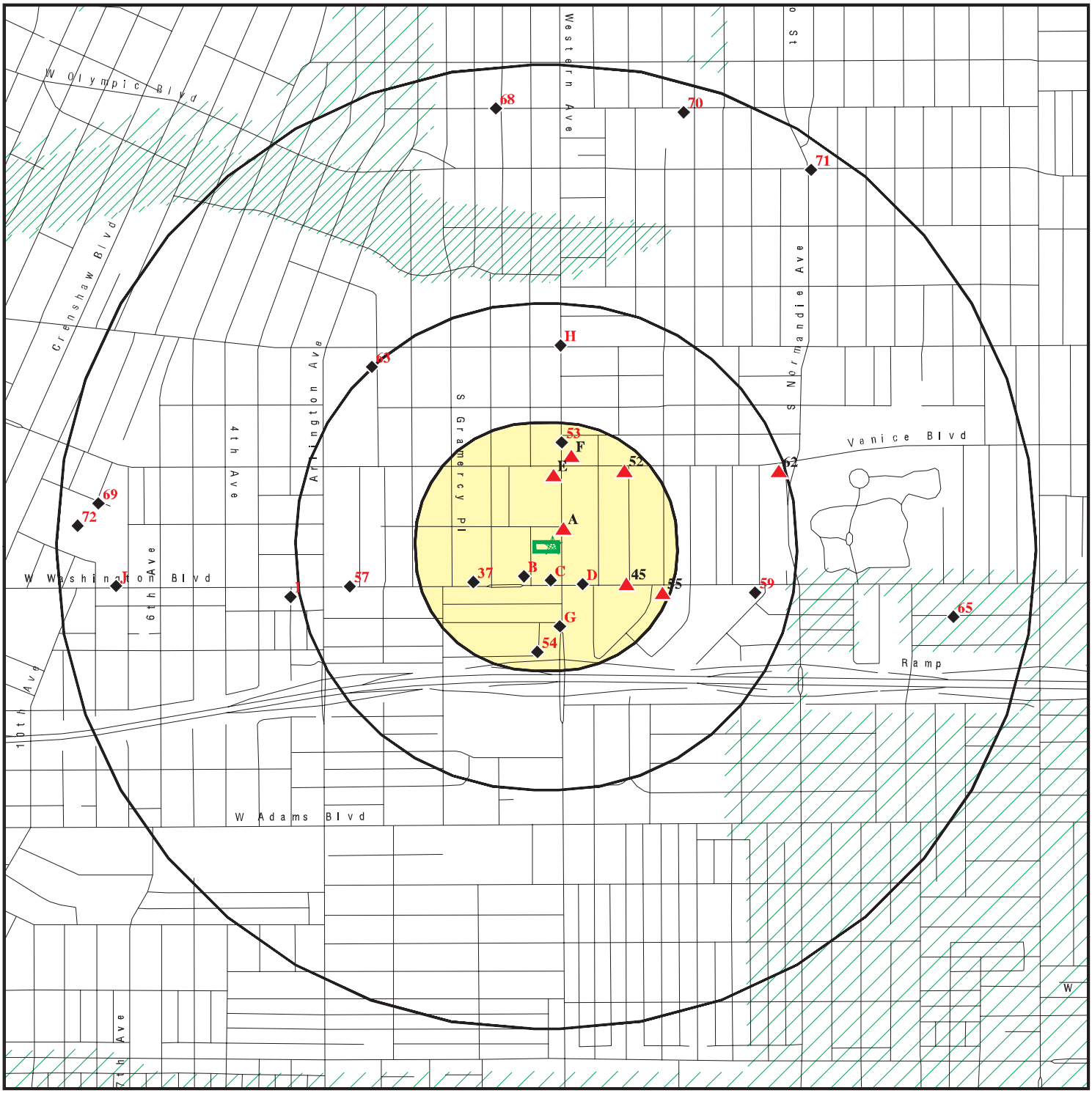
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW WESTERN AVENUE T	1813 S WESTERN AVE	NNE 0 - 1/8 (0.024 mi.)	A2	9
X-CEL CLEANERS	1714 S WESTERN AVE	NNE 0 - 1/8 (0.030 mi.)	A4	11
ELYS CLEANERS	1710 S WESTERN AVE	NNE 0 - 1/8 (0.031 mi.)	A7	13

Lower Elevation	Address	Direction / Distance	Map ID	Page
WHINER FRED	2249 W WASHINGTON BL	SW 0 - 1/8 (0.066 mi.)	B14	15
EASTON A C	2247 W WASHINGTON BL	SW 0 - 1/8 (0.067 mi.)	B15	16
PENN S F	2236 W WASHINGTON BL	SSW 0 - 1/8 (0.077 mi.)	B19	17
OTTOS CLEANERS	1905 S WESTERN AVE S	S 0 - 1/8 (0.082 mi.)	C21	18
YICK YUEN	2167 W WASHINGTON BL	SE 0 - 1/8 (0.086 mi.)	D22	18
FAIRS MONTAGUE	1906 S WESTERN AVE	SSE 0 - 1/8 (0.088 mi.)	C23	18
GILLONS AURA MRS	2159 W WASHINGTON BL	SE 0 - 1/8 (0.094 mi.)	D29	24
SUPERBA CLEANERS D	2265 W WASHINGTON PL	WSW 0 - 1/8 (0.095 mi.)	B30	24
GOODMAN S H	2232 W WASHINGTON	SSW 0 - 1/8 (0.095 mi.)	B31	25
ROSSFIELD RENNE	1911 S WESTERN AVE	S 0 - 1/8 (0.096 mi.)	C33	33

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 05426386.2R



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

100-year flood zone

500-year flood zone

Upgradient Area

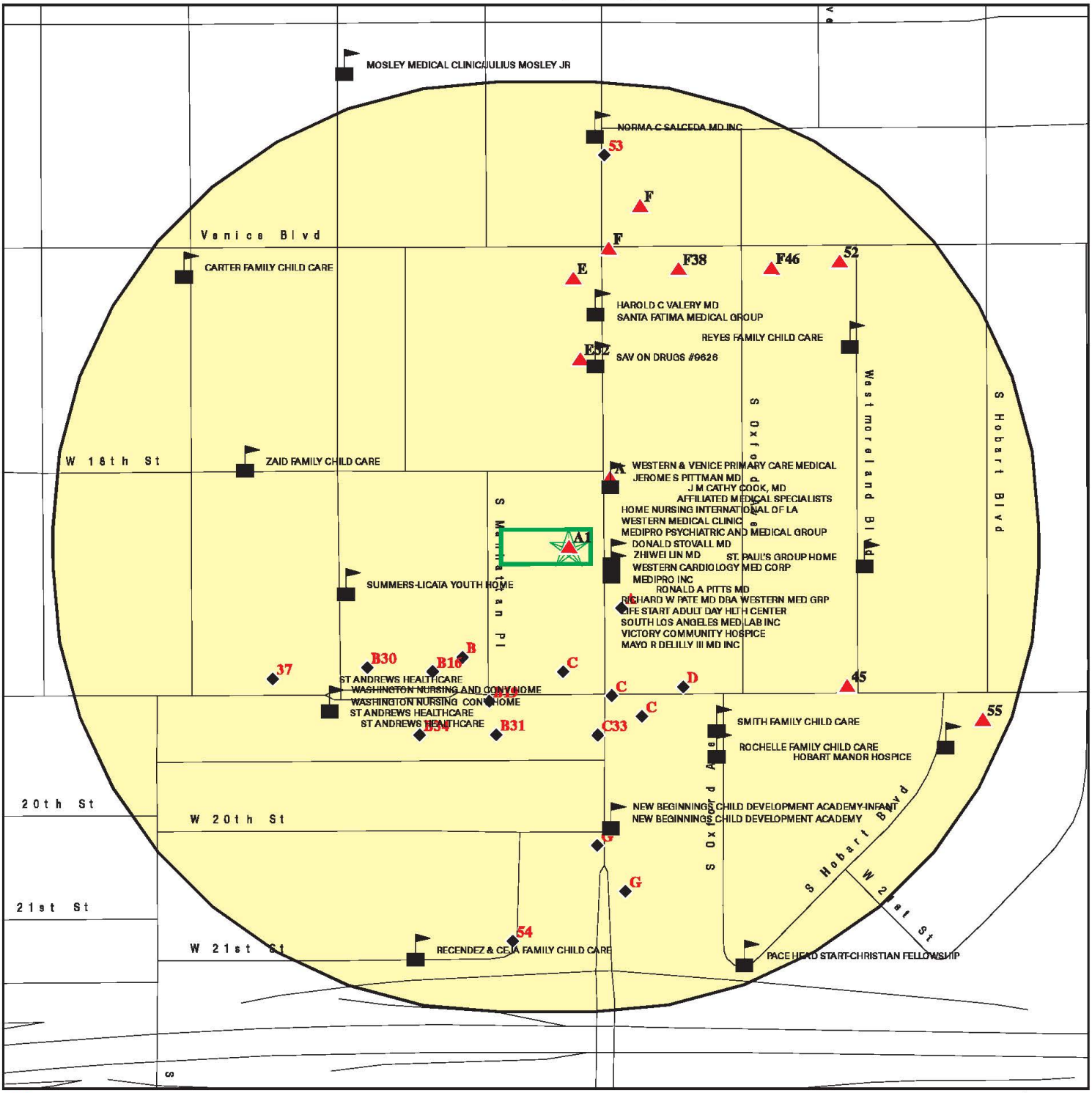
Areas of Concern

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: LABOE Western	CLIENT: AECOM
ADDRESS: 1819 S Western Ave Los Angeles CA 90019	CONTACT: Jessica Himebauch
LAT/LONG: 34.041126 / 118.309343	INQUIRY #: 05426386.2r DATE: September 17, 2018 5:13 pm

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DETAIL MAP - 05426386.2R





- 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
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: LABOE Western	CLIENT: AECOM
ADDRESS: 1819 S Western Ave Los Angeles CA 90019	CONTACT: Jessica Himebauch
LAT/LONG: 34.041126 / 118.309343	INQUIRY #: 05426386.2r DATE: September 17, 2018 5:17 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		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250		1	4	NR	NR	NR	5
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								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	10	NR	10
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	1	NR	NR	1
State and tribal leaking storage tank lists								
LUST	0.500		1	0	5	NR	NR	6

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
CPS-SLIC	0.500		0	0	1	NR	NR	1
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	3	NR	NR	NR	3
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
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								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
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
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
AOCONCERN	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		5	11	NR	NR	NR	16
HIST UST	0.250		1	4	NR	NR	NR	5
CA FID UST	0.250		4	11	NR	NR	NR	15
CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	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
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
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
ABANDONED 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
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	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
DRYCLEANERS	0.250		3	0	NR	NR	NR	3
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	1	NR	NR	NR	NR	NR	1
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		1	1	1	NR	NR	3
LOS ANGELES CO. HMS	TP		NR	NR	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	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		7	NR	NR	NR	NR	7
EDR Hist Cleaner	0.125		13	NR	NR	NR	NR	13
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		1	37	34	8	10	0	90

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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **CONSTITUENT SERVICE CTR COUNCIL DIST 10** **HAZNET** **S113171326**
Target **1819 S WESTERN AVE** **N/A**
Property **LOS ANGELES, CA 90006**

Site 1 of 10 in cluster A

Actual: **207 ft.**

HAZNET:

envid:	S113171326
Year:	2004
GEPAID:	CAP000152512
Contact:	SHARI H KUROKI
Telephone:	2134737748
Mailing Name:	Not reported
Mailing Address:	419 S SPRING ST 12TH FL
Mailing City,St,Zip:	LOS ANGELES, CA 90013
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Transfer Station
Tons:	0.15
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

A2 **NEW WESTERN AVENUE TLRS & CLRS** **EDR Hist Cleaner** **1018906515**
NNE **1813 S WESTERN AVE** **N/A**
< 1/8 **LOS ANGELES, CA 90006**
0.024 mi.
129 ft. **Site 2 of 10 in cluster A**

Relative: **Higher**

EDR Hist Cleaner

Actual: **207 ft.**

Year:	Name:	Type:
1979	NEW WESTERN AVENUE TLRS & CLRS	Garment Pressing And Cleaners' Agents
1980	NEW WESTERN AVENUE TLRS & CLRS	Garment Pressing And Cleaners' Agents
1982	NEW WESTERN AVENUE TLRS & CLRS	Garment Pressing And Cleaners' Agents
1983	NEW WESTERN AVENUE TLRS & CLRS	Garment Pressing And Cleaners' Agents
1985	NEW WESTERN AVENUE TLRS & CLRS	Garment Pressing And Cleaners' Agents
1986	NEW WESTERN AVENUE TLRS & CLRS	Garment Pressing And Cleaners' Agents
1987	NEW WESTERN AVENUE TLRS & CLRS	Garment Pressing And Cleaners' Agents
1988	NEW WESTERN AVENUE TAILORS & C	Garment Pressing And Cleaners' Agents
1989	NEW WESTERN AVENUE TAILORS & C	Laundry And Drycleaner Agents
1990	NEW WESTERN AVENUE TAILORS & C	Laundry And Drycleaner Agents
1991	NEW WESTERN AVENUE TAILORS & C	Laundry And Drycleaner Agents
1992	NEW WESTERN AVENUE TLRS & CLRS	Laundry And Drycleaner Agents
1993	NEW WESTERN AVENUE TLRS & CLRS	Laundry And Drycleaner Agents
1994	NEW WESTERN AVENUE TLRS & CLRS	Laundry And Drycleaner Agents
1995	NEW WESTERN AVENUE TLRS & CLRS	Laundry And Drycleaner Agents
1996	NEW WESTERN AVENUE TLRS & CLRS	Laundry And Drycleaner Agents
1997	NEW WESTERN AVENUE TLRS & CLRS	Laundry And Drycleaner Agents
1998	NEW WESTERN AVENUE TLRS & CLRS	Laundry And Drycleaner Agents
1999	NEW WESTERN AVENUE TLRS & CLRS	Laundry And Drycleaner Agents
2000	NEW WESTERN AVENUE TLRS & CLRS	Laundry And Drycleaner Agents
2001	NEW WESTERN AVENUE TLRS & CLRS	Laundry And Drycleaner Agents
2002	NEW WESTERN AVENUE TLRS & CLRS	Laundry And Drycleaner Agents
2003	NEW WESTERN AVENUE TLRS & CLRS	Laundry And Drycleaner Agents

A3
NNE
< 1/8
0.030 mi.
157 ft.

DANNYS CLEANER & LAUNDRY
1714 S WESTERN AVE
LOS ANGELES, CA 90006

Site 3 of 10 in cluster A

RCRA-SQG
FINDS
ECHO

1000323822
CAD982004608

Relative:
Higher

Actual:
207 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	DANNYS CLEANER & LAUNDRY
Facility address:	1714 S WESTERN AVE LOS ANGELES, CA 90006
EPA ID:	CAD982004608
Mailing address:	S WESTERN AVE LOS ANGELES, CA 90006
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
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	DANIEL JENKINS
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
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

DANNYS CLEANER & LAUNDRY (Continued) **1000323822**

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: 110002773561

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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000323822
Registry ID:	110002773561
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002773561

A4 **X-CEL CLEANERS** **EDR Hist Cleaner** **1018521432**
NNE **1714 S WESTERN AVE** **N/A**
< 1/8 **LOS ANGELES, CA 90006**
0.030 mi.
157 ft. **Site 4 of 10 in cluster A**

Relative: EDR Hist Cleaner
Higher

Actual: **207 ft.**

Year:	Name:	Type:
1980	COLLINS LEO	Drycleaning Plants, Except Rugs
1982	X-CEL CLEANERS	Drycleaning Plants, Except Rugs
1983	X-CEL CLEANERS	Drycleaning Plants, Except Rugs
1985	X-CEL CLEANERS	Drycleaning Plants, Except Rugs
1985	DANNYS CUSTOM DRY CLEANERS	Drycleaning Plants, Except Rugs
1986	X-CEL CLEANERS	Drycleaning Plants, Except Rugs
1986	DANNYS CUSTOM DRY CLEANERS	Drycleaning Plants, Except Rugs
1987	DANNYS CUSTOM DRY CLEANERS	Drycleaning Plants, Except Rugs
1987	X-CEL CLEANERS	Drycleaning Plants, Except Rugs
1988	DANNYS CUSTOM DRY CLEANERS	Drycleaning Plants, Except Rugs

A5
SE
< 1/8
0.030 mi.
158 ft.

TOSCO CORPORATION
1854 S WESTERN AVE
LOS ANGELES, CA 90006

Site 5 of 10 in cluster A

SWEEPS UST **S101586675**
CA FID UST **N/A**

Relative: Lower

Actual: 206 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	4413
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
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

CA FID UST:

Facility ID:	19054344
Regulated By:	UTNKI
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	1854 S WESTERN AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900060000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

A6
SE
< 1/8
0.030 mi.
158 ft.

STUART G D
1854 S WESTERN AVE
LOS ANGELES, CA

Site 6 of 10 in cluster A

EDR Hist Auto **1009081444**
N/A

Relative: Lower

Actual: 206 ft.

EDR Hist Auto

Year:	Name:	Type:
1933	STUART G D	AUTOMOBILE REPAIRING
1942	STUART G D	AUTOMOBILE REPAIRING
1969	HORN JOE JR	Gasoline Service Stations
1970	HORN JOE JR	Gasoline Service Stations
1971	HORN JOE JR	Gasoline Service Stations
1972	HORN JOE JR	Gasoline Service Stations
1973	HORN JOE JR	Gasoline Service Stations

STUART G D (Continued) **1009081444**

1974	HORN JOE JR	Gasoline Service Stations
1975	HORN JOE JR	Gasoline Service Stations
1976	HORN JOE JR	Gasoline Service Stations

A7 **ELYS CLEANERS** **EDR Hist Cleaner** **1019981840**
NNE **1710 S WESTERN AVE** **N/A**
< 1/8 **LOS ANGELES, CA 90006**
0.031 mi.
163 ft. **Site 7 of 10 in cluster A**

Relative: EDR Hist Cleaner
Higher

Actual:
207 ft.

Year:	Name:	Type:
1993	ELYS CLEANERS	Drycleaning Plants, Except Rugs
1994	ELYS CLEANERS	Drycleaning Plants, Except Rugs
1995	ELYS CLEANERS	Drycleaning Plants, Except Rugs

A8 **DOLLAR CLEANERS** **DRYCLEANERS** **S121698921**
NNE **1710-12 S WESTERN AVE** **N/A**
< 1/8 **LOS ANGELES, CA 90006**
0.031 mi.
163 ft. **Site 8 of 10 in cluster A**

Relative: DRYCLEAN SOUTH COAST:
Higher

Actual:
207 ft.

Facility ID:	61540
Application Number:	171035
Permit Number:	D02633
Status:	A
Representative Name:	A. ARUBEKAR
Representative Telephone:	213 4100738
Permit Status:	EXPIRED
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
UTM East:	379.29998779
UTM North:	3767.5

A9 **ELY'S CLEANERS** **DRYCLEANERS** **S121700556**
NNE **1710 S WESTERN AVE** **N/A**
< 1/8 **LOS ANGELES, CA 90008**
0.031 mi.
163 ft. **Site 9 of 10 in cluster A**

Relative: DRYCLEAN SOUTH COAST:
Higher

Actual:
207 ft.

Facility ID:	96423
Application Number:	280954
Permit Number:	D73262
Status:	O
Representative Name:	NAJIB ELY
Representative Telephone:	310 8259843
Permit Status:	INACTIVE
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
UTM East:	0
UTM North:	0

A10
SE
< 1/8
0.033 mi.
172 ft.

GOLDEN PLAZA
1864 S WESTERN AVE
LOS ANGELES, CA 90006

Site 10 of 10 in cluster A

SWEEPS UST **S101588126**
CA FID UST **N/A**

Relative:
Lower

Actual:
206 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	6848
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
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

CA FID UST:

Facility ID:	19056361
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	1864 S WESTERN AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900060000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

B11
SW
< 1/8
0.056 mi.
298 ft.

TWEEDIE T F
2239 W WASHINGTON BLVD
LOS ANGELES, CA

Site 1 of 8 in cluster B

EDR Hist Auto **1009079515**
N/A

Relative:
Lower

Actual:
206 ft.

EDR Hist Auto

Year:	Name:	Type:
1933	TWEEDIE T F	GASOLINE AND OIL SERVICE STATIONS
1942	DAVID T R	GASOLINE AND OIL SERVICE STATIONS

C12 **CHEVRON USA** **SWEEPS UST** **S106924365**
South **2201 W WASHINGTON BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90019**
0.060 mi.
318 ft. **Site 1 of 13 in cluster C**

Relative: **Lower**

Actual: **205 ft.**

SWEEPS UST:

Status:	Not reported
Comp Number:	6706
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
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

C13 **NAKAGAMA RAY** **EDR Hist Auto** **1020934723**
South **2201 W WASHINGTON** **N/A**
< 1/8 **LOS ANGELES, CA 90018**
0.060 mi.
318 ft. **Site 2 of 13 in cluster C**

Relative: **Lower**

Actual: **205 ft.**

EDR Hist Auto

Year:	Name:	Type:
1969	NAKAGAMA RAY	Gasoline Service Stations
1970	NAKAGAMA RAY	Gasoline Service Stations
1975	NAKAGAMA RAY	Gasoline Service Stations
1976	NAKAGAMA RAY	Gasoline Service Stations
1977	NAKAGAMA RAY	Gasoline Service Stations
1978	NAKAGAMA RAY	Gasoline Service Stations
1979	NAKAGAMA RAY	Gasoline Service Stations
1980	NAKAGAMA RAY	Gasoline Service Stations
1982	NAKAGAMA RAY	Gasoline Service Stations
1983	NAKAGAMA RAY	Gasoline Service Stations
1985	NAKAGAMA RAY	Gasoline Service Stations

B14 **WHINER FRED** **EDR Hist Cleaner** **1009191344**
SW **2249 W WASHINGTON BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.066 mi.
351 ft. **Site 2 of 8 in cluster B**

Relative: **Lower**

Actual: **205 ft.**

EDR Hist Cleaner

Year:	Name:	Type:
1937	WHINER FRED	CLOTHES PRESSERS AND CLEANERS

B15 **EASTON A C** **EDR Hist Cleaner** **1009186836**
SW **2247 W WASHINGTON BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.067 mi.
356 ft. **Site 3 of 8 in cluster B**

Relative: EDR Hist Cleaner
Lower

Actual: Year: Name: Type:
205 ft. 1924 RUSSELL J E S LAUNDRIES

B16 **REUTER VALLEY** **EDR Hist Auto** **1009084308**
SW **2253 W WASHINGTON BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.071 mi.
375 ft. **Site 4 of 8 in cluster B**

Relative: EDR Hist Auto
Lower

Actual: Year: Name: Type:
205 ft. 1942 REUTER VALLEY AUTOMOBILE REPAIRING

C17 **EDGECOMB EDDIE** **EDR Hist Auto** **1009083353**
SSE **1900 S WESTERN AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.074 mi.
393 ft. **Site 3 of 13 in cluster C**

Relative: EDR Hist Auto
Lower

Actual: Year: Name: Type:
205 ft. 1937 EDGECOMB EDDIE GASOLINE AND OIL SERVICE STATIONS

C18 **UNK** **SWEEPS UST** **S101586984**
SSE **1900 S WESTERN AVE** **CA FID UST** **N/A**
< 1/8 **LOS ANGELES, CA 90018**
0.074 mi.
393 ft. **Site 4 of 13 in cluster C**

Relative: SWEEPS UST:
Lower

Actual:
205 ft.

Status:	Not reported
Comp Number:	7892
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
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

UNK (Continued) **S101586984**

CA FID UST:
Facility ID: 19054678
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2130000000
Mail To: Not reported
Mailing Address: UNK
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900180000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

B19 **PENN S F** **EDR Hist Cleaner** **1009191890**
SSW **2236 W WASHINGTON BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.077 mi.
405 ft. **Site 5 of 8 in cluster B**

Relative: EDR Hist Cleaner
Lower

Actual: Year: Name: Type:
205 ft. 1942 PENN S F CLEANERS GARMENTS CURTAINS AND DRAPERIES

C20 **OTTO'S DRY CLEANERS & LAUNDRY** **DRYCLEANERS** **S121695388**
South **1905 S WESTERN AVE STE 15** **N/A**
< 1/8 **LOS ANGELES, CA 90018**
0.082 mi.
434 ft. **Site 5 of 13 in cluster C**

Relative: DRYCLEAN SOUTH COAST:
Lower
Actual: Facility ID: 139364
205 ft. Application Number: 424662
Permit Number: F66022
Status: A
Representative Name: OTTO ORTEGA
Representative Telephone: 323 7331493
Permit Status: INACT_NR
BCAT Number: 000233
BCAT Description: DRY CLEANING EQUIP PETROLEUM SOLVENT
UTM East: 0
UTM North: 0

C21 **OTTOS CLEANERS** **EDR Hist Cleaner** **1018749398**
South **1905 S WESTERN AVE STE 11** **N/A**
< 1/8 **LOS ANGELES, CA 90018**
0.082 mi.
434 ft. **Site 6 of 13 in cluster C**

Relative: EDR Hist Cleaner
Lower

Actual: **205 ft.**

Year:	Name:	Type:
1996	OTTOS CLEANERS	Garment Pressing And Cleaners' Agents
1997	OTTOS CLEANERS	Garment Pressing And Cleaners' Agents
1998	OTTOS CLEANERS	Garment Pressing And Cleaners' Agents
1999	OTTOS CLEANERS	Garment Pressing And Cleaners' Agents
2000	OTTOS CLEANERS	Garment Pressing And Cleaners' Agents
2001	OTTOS CLEANERS	Garment Pressing And Cleaners' Agents
2002	OTTOS CLEANERS	Garment Pressing And Cleaners' Agents
2003	OTTOS CLEANERS	Garment Pressing And Cleaners' Agents
2004	OTTOS CLEANERS	Garment Pressing And Cleaners' Agents
2005	OTTOS CLEANERS	Garment Pressing And Cleaners' Agents
2006	OTTOS CLEANERS	Garment Pressing And Cleaners' Agents
2007	OTTOS CLEANERS	Garment Pressing And Cleaners' Agents
2008	OTTOS CLEANERS	Garment Pressing And Cleaners' Agents
2009	OTTOS CLEANERS	Garment Pressing And Cleaners' Agents
2010	OTTOS CLEANERS	Garment Pressing And Cleaners' Agents

D22 **YICK YUEN** **EDR Hist Cleaner** **1009192421**
SE **2167 W WASHINGTON BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.086 mi.
453 ft. **Site 1 of 2 in cluster D**

Relative: EDR Hist Cleaner
Lower

Actual: **206 ft.**

Year:	Name:	Type:
1942	YICK YUEN	LAUNDRIES ORIENTAL

C23 **FAIRS MONTAGUE** **EDR Hist Cleaner** **1009189578**
SSE **1906 S WESTERN AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.088 mi.
463 ft. **Site 7 of 13 in cluster C**

Relative: EDR Hist Cleaner
Lower

Actual: **205 ft.**

Year:	Name:	Type:
1929	FAIRS MONTAGUE	CLOTHES PRESSERS CLEANERS AND REPAIRERS
1933	SEWELL E M MRS	CLOTHES PRESSERS AND CLEANERS
1937	HILL C W	CLOTHES PRESSERS AND CLEANERS

C24 **SHELL 204-4531-2000** **LUST** **S102436855**
SSE **2190 WASHINGTON BLVD W** **N/A**
< 1/8 **JEFFERSON PARK, CA 90018**
0.090 mi.
474 ft. **Site 8 of 13 in cluster C**

Relative:
Lower

Actual:
205 ft.

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700600
Global Id:	T0603700600
Latitude:	34.0397578
Longitude:	-118.3086898
Status:	Completed - Case Closed
Status Date:	10/25/1996
Case Worker:	YR
RB Case Number:	900180016
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603700600
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id:	T0603700600
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

LUST:

Global Id:	T0603700600
Action Type:	Other
Date:	09/22/1982
Action:	Leak Discovery

Global Id:	T0603700600
Action Type:	Other
Date:	09/22/1982
Action:	Leak Reported

LUST:

Global Id:	T0603700600
Status:	Open - Case Begin Date
Status Date:	09/22/1982

SHELL 204-4531-2000 (Continued) **S102436855**

Global Id: T0603700600
Status: Open - Remediation
Status Date: 04/18/1988

Global Id: T0603700600
Status: Completed - Case Closed
Status Date: 10/25/1996

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900180016	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		FPVEGT
Global ID:	T0603700600	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	WESTERN AVE	
Enforcement Type:	Not reported	
Date Leak Discovered:	9/22/1982	
Date Leak First Reported:		9/22/1982
Date Leak Record Entered:	12/31/1986	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		12/19/1996
Date the Case was Closed:		10/25/1996
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Structure Failure	
Leak Source:	Piping	
Operator:	CHANG, JI HOON	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		9009.4440532777510230328841 87
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:		4/18/1988
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	

SHELL 204-4531-2000 (Continued) **S102436855**

Responsible Party:	SHELL OIL PRODUCTS CO
RP Address:	P.O. BOX 25370, SANTA ANA, CA 92799
Program:	LUST
Lat/Long:	34.0397578 / -1
Local Agency Staff:	PEJ
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	FROM MARCH 1983 TO DECEMBER 1984, 2,229 GALLONS OF PRODUCT WERE RECOVERED. CONSULTANT, W.W.IRWIN CONTINUES PURGING FREE PRODUCT. 12/19/96 WELL ABANDONMENT REPORT

C25 **CHANGS SHELL** **HIST UST** **U001560771**
SSE **2190 W WASHINGTON** **N/A**
< 1/8 **LOS ANGELES, CA 90018**
0.090 mi.
474 ft. **Site 9 of 13 in cluster C**

Relative: **Lower**

Actual: **205 ft.**

HIST UST:

File Number:	000285E3
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000285E3.pdf
Region:	STATE
Facility ID:	00000061061
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	JI HOON CHANG
Telephone:	2137348786
Owner Name:	SHELL OIL COMPANY
Owner Address:	P.O. BOX 4848
Owner City,St,Zip:	ANAHEIM, CA 92803
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1959
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	12
Leak Detection:	Stock Inventor, Pressure Test, 10
Tank Num:	002
Container Num:	2
Year Installed:	1982
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Groundwater Monitoring Well, 10
Tank Num:	003
Container Num:	3
Year Installed:	1982
Tank Capacity:	00010000
Tank Used for:	PRODUCT

CHANGS SHELL (Continued) **U001560771**

Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Groundwater Monitoring Well, 10
Tank Num:	004
Container Num:	4
Year Installed:	1982
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Groundwater Monitoring Well, 10

Click here for Geo Tracker PDF:

C26 **J. HOON CHANG** **SWEEPS UST** **S101582670**
SSE **2190 W WASHINGTON BLVD** **CA FID UST** **N/A**
< 1/8 **LOS ANGELES, CA 90018**
0.090 mi.
474 ft. **Site 10 of 13 in cluster C**

Relative: **Lower**
Actual: **205 ft.**

SWEEPS UST:

Status:	Not reported
Comp Number:	3307
Number:	Not reported
Board Of Equalization:	44-012930
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-003307-000001
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	4
Status:	Not reported
Comp Number:	3307
Number:	Not reported
Board Of Equalization:	44-012930
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-003307-000002
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported
Status:	Not reported
Comp Number:	3307

J. HOON CHANG (Continued) **S101582670**

Number: Not reported
Board Of Equalization: 44-012930
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-003307-000003
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 3307
Number: Not reported
Board Of Equalization: 44-012930
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-003307-000004
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19001001
Regulated By: UTNKI
Regulated ID: 00061061
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2139348786
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900180000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

C27 **SHELL 204-4531-2000** **HIST CORTESE** **S105024716**
SSE **2190 WASHINGTON** **N/A**
< 1/8 **LOS ANGELES, CA 90018**
0.090 mi.
474 ft. **Site 11 of 13 in cluster C**

Relative: **Lower**

Actual: **205 ft.**

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900180016

C28 **BLOOM B B** **EDR Hist Auto** **1009076238**
SSE **2190 W WASHINGTON PL** **N/A**
< 1/8 **LOS ANGELES, CA**
0.090 mi.
474 ft. **Site 12 of 13 in cluster C**

Relative: **Lower**

Actual: **205 ft.**

EDR Hist Auto

Year:	Name:	Type:
1924	BLOOM B B	AUTOMOBILE REPAIRING
1924	BLOOM B B	AUTOMOBILE SERVICE STATIONS
1969	JIMMYS SHELL SERVICE	Gasoline Service Stations
1970	JIMMYS SHELL SERVICE	Gasoline Service Stations
1973	OCON LUIS ANGEL	Gasoline Service Stations
1974	OCON LUIS ANGEL	Gasoline Service Stations
1975	OCON LUIS ANGEL	Gasoline Service Stations
1976	OCON LUIS ANGEL	Gasoline Service Stations
1977	OCON LUIS ANGEL	Gasoline Service Stations
1978	OCON LUIS ANGEL	Gasoline Service Stations
1979	OCON LUIS ANGEL	Gasoline Service Stations

D29 **GILLONS AURA MRS** **EDR Hist Cleaner** **1009189432**
SE **2159 W WASHINGTON BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.094 mi.
495 ft. **Site 2 of 2 in cluster D**

Relative: **Lower**

Actual: **206 ft.**

EDR Hist Cleaner

Year:	Name:	Type:
1933	GILLONS AURA	CLOTHES PRESSERS AND CLEANERS
1937	GILLONS AURA MRS	CLOTHES PRESSERS AND CLEANERS

B30 **SUPERBA CLEANERS DYERS** **EDR Hist Cleaner** **1009187345**
WSW **2265 W WASHINGTON PL** **N/A**
< 1/8 **LOS ANGELES, CA**
0.095 mi.
499 ft. **Site 6 of 8 in cluster B**

Relative: **Lower**

Actual: **205 ft.**

EDR Hist Cleaner

Year:	Name:	Type:
1924	SUPERBA CLEANERS DYERS	CLOTHES CLEANERS PRESSERS AND DYERS

B31 **GOODMAN S H** **EDR Hist Cleaner** **1009188195**
SSW **2232 W WASHINGTON** **N/A**
< 1/8 **LOS ANGELES, CA**
0.095 mi.
502 ft. **Site 7 of 8 in cluster B**

Relative: EDR Hist Cleaner
Lower

Actual: Year: Name: Type:
205 ft. 1929 GOODMAN S H CLOTHES PRESSERS CLEANERS AND REPAIRERS

E32 **CVS PHARMACY #9626** **RCRA-LQG** **1016140156**
North **1701 SOUTH WESTERN AVE** **FINDS** **CAR000237743**
< 1/8 **LOS ANGELES, CA 90006** **ECHO**
0.095 mi.
503 ft. **Site 1 of 3 in cluster E**

Relative: RCRA-LQG:
Higher

Actual: Date form received by agency: 08/30/2016
207 ft. Facility name: CVS PHARMACY #9626
Facility address: 1701 SOUTH WESTERN AVE
LOS ANGELES, CA 90006
EPA ID: CAR000237743
Mailing address: CVS DR
MAIL DROP 23062A
WOONSOCKET, RI 02895
Contact: NICOLE WILKINSON
Contact address: CVS DR MAIL CODE 2340
WOONSOCKET, RI 02895
Contact country: US
Contact telephone: 401-770-7132
Contact email: NICOLE.WILKINSON@CVSHEALTH.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: GARFIELD BEACH CVS, L.L.C.
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/02/2006

CVS PHARMACY #9626 (Continued) **1016140156**

Owner/Op end date: Not reported

Owner/operator name: WESTERN & VENICE SC, LLC
Owner/operator address: S RANCHO WAY STE 203
RANCHO DOMINGUEZ, CA 90220
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/31/1956
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: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 214
. Waste name: Unspecified solvent mixture

. Waste code: 311
. Waste name: Pharmaceutical waste

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 352
. Waste name: Other organic solids

. 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

CVS PHARMACY #9626 (Continued) **1016140156**

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. 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.

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P075
. Waste name: NICOTINE, & SALTS

. Waste code: U002
. Waste name: ACETONE (I)

. Waste code: U129
. Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA,2ALPHA,3BETA,4ALPHA,5ALPHA,6BETA)-

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U205
. Waste name: SELENIUM SULFIDE

Historical Generators:
Date form received by agency: 03/01/2014
Site name: CVS PHARMACY #9626
Classification: Large Quantity Generator

. 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.

CVS PHARMACY #9626 (Continued) **1016140156**

. 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.

. 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: D016
. Waste name: 2,4-D

. Waste code: D018
. Waste name: BENZENE

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3

CVS PHARMACY #9626 (Continued) **1016140156**

. Waste code: P075
. Waste name: NICOTINE, & SALTS

. Waste code: P081
. Waste name: NITROGLYCERINE (R)

. Waste code: P188
. Waste name: BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-

. Waste code: U002
. Waste name: ACETONE (I)

. Waste code: U010
. Waste name: AZIRINO[2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA,8AALPHA,8BALPHA)]-

. Waste code: U031
. Waste name: 1-BUTANOL (I)

. Waste code: U034
. Waste name: ACETALDEHYDE, TRICHLORO-

. Waste code: U035
. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]-

. Waste code: U044
. Waste name: CHLOROFORM

. Waste code: U058
. Waste name: CYCLOPHOSPHAMIDE

. Waste code: U059
. Waste name: DAUNOMYCIN

. Waste code: U070
. Waste name: BENZENE, 1,2-DICHLORO-

. Waste code: U072
. Waste name: BENZENE, 1,4-DICHLORO-

. Waste code: U089
. Waste name: DIETHYLSTILBESTEROL

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U129
. Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA,2ALPHA,3BETA,4ALPHA,5ALPHA,6BETA)-

. Waste code: U132
. Waste name: HEXACHLOROPHENE

. Waste code: U150

CVS PHARMACY #9626 (Continued) **1016140156**

. Waste name: MELPHALAN

. Waste code: U151
. Waste name: MERCURY

. Waste code: U154
. Waste name: METHANOL (I)

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U188
. Waste name: PHENOL

. Waste code: U200
. Waste name: RESERPINE

. Waste code: U201
. Waste name: 1,3-BENZENEDIOL

. Waste code: U204
. Waste name: SELENIOUS ACID

. Waste code: U205
. Waste name: SELENIUM SULFIDE

. Waste code: U206
. Waste name: GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-, D-

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO-

. Waste code: U279
. Waste name: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

. Waste code: U411
. Waste name: PHENOL, 2-(1-METHYLETHOXY)-, METHYLCARBAMATE (OR) PROPOXUR

Date form received by agency: 03/27/2013
Site name: CVS PHARMACY NO 9626
Classification: Large Quantity Generator

. 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.

. 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

CVS PHARMACY #9626 (Continued) **1016140156**

THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D009
. Waste name: MERCURY

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P042
. Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)-

. Waste code: P075
. Waste name: NICOTINE, & SALTS

. Waste code: P081
. Waste name: NITROGLYCERINE (R)

Biennial Reports:

Last Biennial Reporting Year: 2017

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): 647

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): 17

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 91

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 290

Waste code: D010
Waste name: SELENIUM
Amount (Lbs): 91

Waste code: D024
Waste name: M-CRESOL

CVS PHARMACY #9626 (Continued) **1016140156**

Amount (Lbs): 290

Waste code: P001
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Amount (Lbs): 10

Waste code: P075
Waste name: NICOTINE, & SALTS
Amount (Lbs): 5

Waste code: U002
Waste name: ACETONE (I)
Amount (Lbs): 366

Waste code: U129
Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA,2ALPHA,3BETA,4ALPHA,5ALPHA,6BETA)-
Amount (Lbs): 290

Waste code: U165
Waste name: NAPHTHALENE
Amount (Lbs): 1

Waste code: U205
Waste name: SELENIUM SULFIDE
Amount (Lbs): 290

Violation Status: No violations found

FINDS:

Registry ID: 110055439075

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.

STATE MASTER

HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1016140156
Registry ID: 110055439075
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110055439075

C33 **ROSSFIELD RENNE** **EDR Hist Cleaner** **1009186010**
South **1911 S WESTERN AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.096 mi.
505 ft. **Site 13 of 13 in cluster C**

Relative: EDR Hist Cleaner
Lower

Actual: Year: Name: Type:
205 ft. 1924 ROSSFIELD RENNE CLOTHES CLEANERS PRESSERS AND DYERS

B34 **RPM REPLACEMENT PARTS MFG** **EDR Hist Auto** **1021471651**
SW **2252 W WASHINGTON BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90018**
0.106 mi.
558 ft. **Site 8 of 8 in cluster B**

Relative: EDR Hist Auto
Lower

Actual: Year: Name: Type:
205 ft. 1994 RPM REPLACEMENT PARTS MFG Automotive Transmission Repair Shops

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E35 **VENICE WEST AUTO REPAIR** **UST** **U003880068**
North **2340 VENICE BLVD** **SWEEPS UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90019**
0.140 mi.
741 ft. **Site 2 of 3 in cluster E**

Relative: UST:
Higher

Actual:
207 ft.

Facility ID:	25086
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.04355
Longitude:	-118.31043

SWEEPS UST:

Status:	Active
Comp Number:	6519
Number:	9
Board Of Equalization:	Not reported
Referral Date:	03-11-93
Action Date:	04-11-94
Created Date:	02-29-88
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

E36 **THE TUNE UP OIL CHANGE BRAKES & SMOG DEPOT** **CA FID UST** **S101585120**
North **2340 VENICE BLVD** **HAZNET** **N/A**
1/8-1/4 **LOS ANGELES, CA 90019**
0.140 mi.
741 ft. **Site 3 of 3 in cluster E**

Relative:
Higher

Actual:
207 ft.

CA FID UST:

Facility ID:	19019886
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	3106708940
Mail To:	Not reported
Mailing Address:	6101 W CENTINELA AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900190000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HAZNET:

envid:	S101585120
Year:	2016
GEPAID:	CAL000259363
Contact:	MIKE GRANGER
Telephone:	3237318371
Mailing Name:	Not reported
Mailing Address:	2340 VENICE BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 90019
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Waste oil and mixed oil
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	2.28
Cat Decode:	Waste oil and mixed oil
Method Decode:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	Los Angeles

---

37 **C & S AUTOMOTIVE** **SWEEPS UST** **S101587876**
WSW **2305 W WASHINGTON BLVD** **CA FID UST** **N/A**
1/8-1/4 **LA, CA 90000**
0.143 mi.
753 ft.

Relative:
Lower

Actual:
205 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	5620
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported

C & S AUTOMOTIVE (Continued) **S101587876**

Created Date: Not reported
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

CA FID UST:
Facility ID: 19056094
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2137312235
Mail To: Not reported
Mailing Address: 2305 W WASHINGTON BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: LA 900000000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

F38 **INTERSTATE RECOVERY** **SWEEPS UST** **S101586768**
NNE **2268 VENICE BLVD** **CA FID UST** **N/A**
1/8-1/4 **LA, CA 90006**
0.154 mi.
811 ft. **Site 1 of 7 in cluster F**

Relative:
Higher

Actual:
208 ft.

SWEEPS UST:
Status: Not reported
Comp Number: 5607
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
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

CA FID UST:
Facility ID: 19054445
Regulated By: UTNKI

INTERSTATE RECOVERY (Continued) **S101586768**

Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137310844
Mail To:	Not reported
Mailing Address:	2268-72 VENICE BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LA 900060000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

G39 **LOS ANGELES FIRE STATION 26** **UST U003879637**
South **2009 S WESTERN AVE** **SWEEPS UST N/A**
1/8-1/4 **LOS ANGELES, CA 90018**
0.157 mi.
830 ft. **Site 1 of 6 in cluster G**

Relative: **Lower**

Actual: **204 ft.**

UST:

Facility ID:	25044
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.0397385
Longitude:	-118.3077805

Facility ID:	FA0003913
Permitting Agency:	Los Angeles City Fire Department
Latitude:	34.03844
Longitude:	-118.30909

SWEEPS UST:

Status:	Active
Comp Number:	2611
Number:	4
Board Of Equalization:	44-012042
Referral Date:	08-21-92
Action Date:	04-01-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002611-000001
Tank Status:	A
Capacity:	1000
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

G40 **FIRE STATION 26** **HIST UST** **U001560775**
South **2009 S WESTERN AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90018**
0.157 mi.
830 ft. **Site 2 of 6 in cluster G**

Relative: HIST UST:
Lower

File Number:	00027108
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027108.pdf
Region:	STATE
Facility ID:	00000047435
Facility Type:	Other
Other Type:	FIRE STATION
Contact Name:	Not reported
Telephone:	2134856226
Owner Name:	CITY OF LOS ANGELES
Owner Address:	200 N. MAIN ST
Owner City,St,Zip:	LOS ANGELES, CA 90012
Total Tanks:	0001
Tank Num:	001
Container Num:	F526-1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Actual:
204 ft.

Click here for Geo Tracker PDF:

G41 **FIRE STATION 26** **CA FID UST** **S101617204**
South **2009 S WESTERN AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90018**
0.157 mi.
830 ft. **Site 3 of 6 in cluster G**

Relative: CA FID UST:
Lower

Facility ID:	19024399
Regulated By:	UTNKA
Regulated ID:	00047435
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2134855846
Mail To:	Not reported
Mailing Address:	2OO N MAIN STREET-RO
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900180000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

Actual:
204 ft.

G42 **LA FIRE STATION 26** **RCRA-SQG** **1000229440**
South **2009 S WESTERN AVE** **FINDS** **CAD981962467**
1/8-1/4 **LOS ANGELES, CA 90018** **ECHO**
0.157 mi.
830 ft. **Site 4 of 6 in cluster G**

Relative:
Lower

Actual:
204 ft.

RCRA-SQG:

Date form received by agency:	03/09/1987
Facility name:	LA FIRE STATION 26
Facility address:	2009 S WESTERN AVE LOS ANGELES, CA 90012
EPA ID:	CAD981962467
Mailing address:	200 N MAIN RM EIGHTH HUNDRED C LOS ANGELES, CA 90012
Contact:	ENVIRONMENTAL MANAGER
Contact address:	2009 S WESTERN AVE LOS ANGELES, CA 90012
Contact country:	US
Contact telephone:	213-485-7527
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
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	CITY OF LA
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
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

LA FIRE STATION 26 (Continued) **1000229440**

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: 110002756517

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000229440
Registry ID:	110002756517
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002756517

F43 **VENICE MOVING CENTER** **HIST UST** **U001560367**
North **1600 WESTERN AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90006**
0.157 mi.
830 ft. **Site 2 of 7 in cluster F**

Relative: **Higher**
Actual: **207 ft.**

HIST UST:

File Number:	00028E58
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028E58.pdf
Region:	STATE
Facility ID:	00000003554
Facility Type:	Other
Other Type:	Not reported
Contact Name:	Not reported

VENICE MOVING CENTER (Continued) **U001560367**

Telephone:	2137313171
Owner Name:	U-HAUL CO
Owner Address:	657 S ATLANTIC
Owner City,St,Zip:	EAST LOS ANGELES, CA 90022
Total Tanks:	0003
Tank Num:	001
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	10
Leak Detection:	Stock Inventor, None
Tank Num:	002
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00009950
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, None
Tank Num:	003
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, None

Click here for Geo Tracker PDF:

F44 **U-HAUL COMPANY OF L.A./C** **SWEEPS UST** **S101584359**
North **1600 S WESTERN AVE** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90006**
0.157 mi.
830 ft. **Site 3 of 7 in cluster F**

Relative: SWEEPS UST:
Higher

Status:	Not reported
Comp Number:	209
Number:	Not reported
Board Of Equalization:	44-011047
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-000209-000001
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	3

Actual:
207 ft.

U-HAUL COMPANY OF L.A./C (Continued) **S101584359**

Status: Not reported
Comp Number: 209
Number: Not reported
Board Of Equalization: 44-011047
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000209-000002
Tank Status: Not reported
Capacity: 9950
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 209
Number: Not reported
Board Of Equalization: 44-011047
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000209-000003
Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19010780
Regulated By: UTNKI
Regulated ID: 00003554
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2132689110
Mail To: Not reported
Mailing Address: 657 S ATLANTIC
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900060000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

45
ESE
1/8-1/4
0.159 mi.
837 ft.

KITCHEN WAREHOUSE
2115 W WASHINGTON BLVD
LOS ANGELES, CA 90018

SWEEPS UST **S101585600**
CA FID UST **N/A**

Relative:
Higher

Actual:
207 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	8116
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
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

CA FID UST:

Facility ID:	19026096
Regulated By:	UTNKI
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137341696
Mail To:	Not reported
Mailing Address:	2115 W WASHINGTON BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 90018
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

F46
NE
1/8-1/4
0.177 mi.
937 ft.

VENICE BATTERY SHOP
2230 VENICE BLVD
LA, CA 90006

Site 4 of 7 in cluster F

SWEEPS UST **S101586280**
CA FID UST **N/A**
HIST CORTESE

Relative:
Higher

Actual:
208 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	5606
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported

VENICE BATTERY SHOP (Continued) **S101586280**

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

CA FID UST:
Facility ID: 19043330
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2137352958
Mail To: Not reported
Mailing Address: 2230 VENICE BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: LA 900060000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST CORTESE:
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083000963T

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001594T

F47 **MAURO B GARY** **SWEEPS UST** **S101583910**
NNE **1570 S WESTERN AVE** **HIST UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90006** **CA FID UST**
0.183 mi.
965 ft. **Site 5 of 7 in cluster F**

Relative:
Higher

Actual:
207 ft.

SWEEPS UST:
Status: Active
Comp Number: 3479
Number: 9
Board Of Equalization: 44-013026
Referral Date: 07-14-93
Action Date: 04-19-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-003479-000001
Tank Status: A
Capacity: 9942
Active Date: 04-20-88

MAURO B GARY (Continued) **S101583910**

Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 3479
Number: 9
Board Of Equalization: 44-013026
Referral Date: 07-14-93
Action Date: 04-19-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-003479-000002
Tank Status: A
Capacity: 9942
Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 3479
Number: 9
Board Of Equalization: 44-013026
Referral Date: 07-14-93
Action Date: 04-19-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-003479-000003
Tank Status: A
Capacity: 9942
Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 3479
Number: 9
Board Of Equalization: 44-013026
Referral Date: 07-14-93
Action Date: 04-19-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-003479-000004
Tank Status: A
Capacity: 9942
Active Date: 04-20-88
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

MAURO B GARY (Continued) **S101583910**

HIST UST:

File Number:	00026C29
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026C29.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:

CA FID UST:

Facility ID:	19007261
Regulated By:	UTNKA
Regulated ID:	00061943
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137379412
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900060000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

F48 **90926** **HIST UST** **U001560349**
NNE **1570 S WESTERN AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90006**
0.183 mi.
965 ft. **Site 6 of 7 in cluster F**

Relative: HIST UST:
Higher

Actual: File Number:	Not reported
207 ft. URL:	Not reported
Region:	STATE
Facility ID:	00000061943
Facility Type:	Gas Station
Other Type:	Not reported

90926 (Continued) **U001560349**

Contact Name:	GARY,MAURO B
Telephone:	2137379412
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1968
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1968
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1968
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1968
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	0000130
Leak Detection:	Stock Inventor

F49 **CHEVRON STATION #9-0926** **UST** **U003938934**
NNE **1570 S WESTERN AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90006**
0.183 mi.
965 ft. **Site 7 of 7 in cluster F**

Relative: UST:
Higher

Facility ID:	23748
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.045238
Longitude:	-118.307299

Actual:
207 ft.

G50 **AUTOBAHN MOTORS** **SWEEPS UST** **S101586398**
South **2020 S WESTERN AVE** **CA FID UST** **N/A**
1/8-1/4 **LA, CA 90018**
0.184 mi.
971 ft. **Site 5 of 6 in cluster G**

Relative: **Lower**

Actual: **204 ft.**

SWEEPS UST:

Status:	Not reported
Comp Number:	5629
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
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

CA FID UST:

Facility ID:	19048820
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137359285
Mail To:	Not reported
Mailing Address:	2020 S WESTERN BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LA 900060000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

G51 **CALIFORNIA BEST TRANSMISSION** **RCRA-SQG** **1000596252**
South **2030 S WESTERN AVE** **FINDS** **CAD983602152**
1/8-1/4 **LOS ANGELES, CA 90018** **ECHO**
0.188 mi.
995 ft. **Site 6 of 6 in cluster G**

Relative: **Lower**

Actual: **204 ft.**

RCRA-SQG:

Date form received by agency:	08/13/1991
Facility name:	CALIFORNIA BEST TRANSMISSION
Facility address:	2030 S WESTERN AVE LOS ANGELES, CA 90018
EPA ID:	CAD983602152
Contact:	STANLEY CHOI
Contact address:	2030 S WESTERN AVE LOS ANGELES, CA 90018
Contact country:	US

CALIFORNIA BEST TRANSMISSION (Continued) **1000596252**

Contact telephone: 213-733-2211
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: HEINZ BROMEZ
Owner/operator address: 1598 SILVER BIRCH LYN
FALLBROOK, CA 92028
Owner/operator country: Not reported
Owner/operator telephone: 619-723-2937
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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: 110002858346

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.

STATE MASTER

CALIFORNIA BEST TRANSMISSION (Continued) **1000596252**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000596252
Registry ID:	110002858346
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002858346

52
NE
1/8-1/4
0.204 mi.
1078 ft.

VENICE AUTO CENTER
2200 W VENICE BLVD
LA, CA 90019

SWEEPS UST **S101587871**
CA FID UST **N/A**

Relative: Higher

Actual: 209 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	5602
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
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

CA FID UST:

Facility ID:	19056089
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137336934
Mail To:	Not reported
Mailing Address:	2200 W VENICE BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LA 900190000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

53
North
1/8-1/4
0.209 mi.
1104 ft.

PHOTO CITY 3
1535 S WESTERN AVE
LOS ANGELES, CA 90006

RCRA-SQG
FINDS
ECHO

1000415246
CAD982361040

Relative:
Lower

Actual:
206 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	PHOTO CITY 3
Facility address:	1535 S WESTERN AVE LOS ANGELES, CA 90006
EPA ID:	CAD982361040
Mailing address:	1535 SO WESTERN AVE LOS ANGELES, CA 90006
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:	YIM PONG C
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
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
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
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

PHOTO CITY 3 (Continued) **1000415246**

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: 08/08/1989
Site name: PHOTO CITY 3
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002801219

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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000415246
Registry ID: 110002801219
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002801219

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54 South 1/8-1/4 0.210 mi. 1111 ft.

HYUNDAI AUTO BADY & REPAIR
WESTERN & SANTAMONICA FWAY
LOS ANGELES, CA 90018

RCRA-SQG **1000310153**
CAD982471880

Relative: Lower
Actual: 203 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: HYUNDAI AUTO BADY & REPAIR
Facility address: WESTERN & SANTAMONICA FWAY
LOS ANGELES, CA 90018
EPA ID: CAD982471880
Mailing address: 2025 S WESTERN AVE
LOS ANGELES, CA 90018
Contact: Not reported

HYUNDAI AUTO BADY & REPAIR (Continued) **1000310153**

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
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: SANG HEON-LEE
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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

HYUNDAI AUTO BADY & REPAIR (Continued) **1000310153**

Historical Generators:
Date form received by agency: 05/23/1988
Site name: HYUNDAI AUTO BADY & REPAIR
Classification: Large Quantity Generator

Violation Status: No violations found

55
ESE
1/8-1/4
0.235 mi.
1243 ft.

LEARNER GAS STATION **SWEEPS UST** **S101587875**
2066 W WASHINGTON BLVD **CA FID UST** **N/A**
LA, CA 90000

Relative:
Higher

Actual:
208 ft.

SWEEPS UST:
Status: Not reported
Comp Number: 5618
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
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

CA FID UST:
Facility ID: 19056093
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2132912234
Mail To: Not reported
Mailing Address: 2066 W WASHINGTON BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: LA 900000000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

H56 **SHELL SERVICE STATION** **LUST** **S108536606**
North **1303 WESTERN AVE. S.** **N/A**
1/4-1/2 **LOS ANGELES, CA 90006**
0.387 mi.
2044 ft. **Site 1 of 2 in cluster H**

Relative:
Lower

Actual:
204 ft.

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603708316
Global Id:	T0603708316
Latitude:	34.046926
Longitude:	-118.309408
Status:	Completed - Case Closed
Status Date:	01/12/2011
Case Worker:	JH
RB Case Number:	900060134
Local Agency:	LOS ANGELES, CITY OF
File Location:	Regional Board
Local Case Number:	30701
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline, MTBE / TBA / Other Fuel Oxygenates
Site History:	Not reported

LUST:

Global Id:	T0603708316
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id:	T0603708316
Contact Type:	Regional Board Caseworker
Contact Name:	JAY HUANG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 WEST 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	jhuang@waterboards.ca.gov
Phone Number:	2135766711

LUST:

Global Id:	T0603708316
Action Type:	RESPONSE
Date:	10/15/2010
Action:	Monitoring Report - Semi-Annually

Global Id:	T0603708316
Action Type:	RESPONSE
Date:	10/15/2010
Action:	Conceptual Site Model

Global Id:	T0603708316
Action Type:	ENFORCEMENT
Date:	12/23/2010
Action:	Notification - Preclosure

SHELL SERVICE STATION (Continued) **S108536606**

Global Id: T0603708316
Action Type: RESPONSE
Date: 05/11/2009
Action: Well Installation Report

Global Id: T0603708316
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603708316
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603708316
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603708316
Action Type: Other
Date: 08/26/2003
Action: Leak Reported

Global Id: T0603708316
Action Type: ENFORCEMENT
Date: 06/04/2007
Action: Staff Letter

Global Id: T0603708316
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603708316
Action Type: REMEDIATION
Date: 08/01/2003
Action: Excavation

Global Id: T0603708316
Action Type: RESPONSE
Date: 11/14/2007
Action: Soil and Water Investigation Workplan

Global Id: T0603708316
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603708316
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603708316
Action Type: ENFORCEMENT

SHELL SERVICE STATION (Continued) **S108536606**

Date: 01/12/2011
Action: Closure/No Further Action Letter

Global Id: T0603708316
Action Type: RESPONSE
Date: 07/05/2007
Action: Other Report / Document

Global Id: T0603708316
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603708316
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603708316
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603708316
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603708316
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603708316
Action Type: RESPONSE
Date: 10/18/2010
Action: Request for Closure

Global Id: T0603708316
Action Type: Other
Date: 08/20/2003
Action: Leak Discovery

Global Id: T0603708316
Action Type: RESPONSE
Date: 04/15/2008
Action: Soil and Water Investigation Report

LUST:
Global Id: T0603708316
Status: Open - Case Begin Date
Status Date: 08/20/2003

Global Id: T0603708316
Status: Open - Site Assessment
Status Date: 08/26/2003

SHELL SERVICE STATION (Continued) **S108536606**

Global Id: T0603708316
Status: Open - Site Assessment
Status Date: 11/14/2007

Global Id: T0603708316
Status: Open - Site Assessment
Status Date: 10/01/2009

Global Id: T0603708316
Status: Completed - Case Closed
Status Date: 01/12/2011

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57 **ACTA NORTH - PACEL NE - 040** **CPS-SLIC** **S106487375**
WSW **2540 WASHINGTON BLVD, EAST** **N/A**
1/4-1/2 **LOS ANGELES, CA 90744**
0.393 mi.
2076 ft.

Relative: **Lower**

Actual: **204 ft.**

CPS-SLIC:
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 03/07/2003
Global Id: SL0603770417
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.039922
Longitude: -118.316735
Case Type: Cleanup Program Site
Case Worker: SH
Local Agency: Not reported
RB Case Number: 0747D7
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:

H58 **WESSEN BUICK DEALER (FORMER)** **LUST** **S102441156**
North **3101 PICO BLVD W** **N/A**
1/4-1/2 **MID CITY, CA 90019**
0.412 mi.
2175 ft. **Site 2 of 2 in cluster H**

Relative: **Lower**

Actual: **203 ft.**

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700613
Global Id: T0603700613
Latitude: 34.047428030259
Longitude: -118.309460878372
Status: Completed - Case Closed
Status Date: 10/06/1993
Case Worker: YR
RB Case Number: 900190034

WESSEN BUICK DEALER (FORMER) (Continued) **S102441156**

Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

LUST:
Global Id: T0603700613
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603700613
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

LUST:
Global Id: T0603700613
Action Type: Other
Date: 12/06/1991
Action: Leak Discovery

Global Id: T0603700613
Action Type: Other
Date: 12/06/1991
Action: Leak Reported

LUST:
Global Id: T0603700613
Status: Open - Case Begin Date
Status Date: 12/06/1991

Global Id: T0603700613
Status: Completed - Case Closed
Status Date: 10/06/1993

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900190034
Status: Case Closed
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported

WESSEN BUICK DEALER (FORMER) (Continued) **S102441156**

Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603700613	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	12/6/1991	
Date Leak First Reported:		12/6/1991
Date Leak Record Entered:	9/17/1993	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		8/4/1993
Date the Case was Closed:		10/6/1993
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	Tank	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		8448.2789376153206884574047 84
Source of Cleanup Funding:		Tank
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	BLANK RP	
RP Address:	C	
Program:	LUST	
Lat/Long:	34.0472625 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

59
ESE
1/4-1/2
0.421 mi.
2225 ft.

LAIDLAW/WASHINGTON BLVD. CLOSED LANDFILL
1950 E. WASHINGTON BLVD.
LOS ANGELES (CITY), CA

SWF/LF **S109821611**
N/A

Relative:
Lower

Actual:
198 ft.

SWF/LF (SWIS):

Facility ID:	19-AR-5501
Lat/Long:	34.02778 / -118.23333
Owner Name:	Not reported
Owner Telephone:	Not reported
Owner Address:	Not reported
Owner Address2:	Not reported
Owner City,St,Zip:	Not reported
Operational Status:	Not reported
Operator:	Not reported
Operator Phone:	Not reported
Operator Address:	Not reported
Operator Address2:	Not reported
Operator City,St,Zip:	Not reported
Permit Date:	Not reported
Permit Status:	Not reported
Permitted Acreage:	Not reported
Activity:	Not reported
Regulation Status:	Not reported
Landuse Name:	Commercial
GIS Source:	Map
Category:	Not reported
Unit Number:	Not reported
Inspection Frequency:	Not reported
Accepted Waste:	Not reported
Closure Date:	Not reported
Closure Type:	Not reported
Disposal Acreage:	Not reported
SWIS Num:	19-AR-5501
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	Not reported
Actual Throughput with Units:	Not reported
Permitted Capacity with Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Not reported
Lat/Long:	34.02778 / -118.23333

I60
WSW
1/4-1/2
0.469 mi.
2478 ft.

CHEVRON #9-4125
1907 ARLINGTON
LOS ANGELES, CA 90018

LUST **S103064790**
HIST CORTESE **N/A**

Site 1 of 3 in cluster I

Relative:
Lower

Actual:
204 ft.

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700605
Global Id:	T0603700605
Latitude:	34.0398637
Longitude:	-118.3177771
Status:	Completed - Case Closed
Status Date:	07/02/2014
Case Worker:	JH

CHEVRON #9-4125 (Continued) **S103064790**

RB Case Number: 900180061
Local Agency: LOS ANGELES, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603700605
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603700605
Contact Type: Regional Board Caseworker
Contact Name: JAY HUANG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 WEST 4TH STREET, SUITE 200
City: LOS ANGELES
Email: jhuang@waterboards.ca.gov
Phone Number: 2135766711

LUST:
Global Id: T0603700605
Action Type: ENFORCEMENT
Date: 07/02/2014
Action: Closure/No Further Action Letter

Global Id: T0603700605
Action Type: ENFORCEMENT
Date: 03/30/2011
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603700605
Action Type: RESPONSE
Date: 08/01/2011
Action: Soil and Water Investigation Report

Global Id: T0603700605
Action Type: RESPONSE
Date: 07/02/2012
Action: Soil and Water Investigation Workplan

Global Id: T0603700605
Action Type: RESPONSE
Date: 10/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0603700605
Action Type: RESPONSE
Date: 07/15/2012
Action: Monitoring Report - Semi-Annually

CHEVRON #9-4125 (Continued) **S103064790**

Global Id: T0603700605
Action Type: ENFORCEMENT
Date: 04/24/2012
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603700605
Action Type: ENFORCEMENT
Date: 08/20/2012
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603700605
Action Type: ENFORCEMENT
Date: 12/10/2012
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603700605
Action Type: ENFORCEMENT
Date: 03/11/2012
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603700605
Action Type: ENFORCEMENT
Date: 01/29/2010
Action: Staff Letter

Global Id: T0603700605
Action Type: RESPONSE
Date: 11/15/2009
Action: Other Report / Document

Global Id: T0603700605
Action Type: RESPONSE
Date: 04/15/2013
Action: Soil and Water Investigation Report

Global Id: T0603700605
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0603700605
Action Type: ENFORCEMENT
Date: 03/11/2013
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603700605
Action Type: Other
Date: 10/18/1994
Action: Leak Discovery

Global Id: T0603700605
Action Type: RESPONSE
Date: 07/15/2010
Action: Soil and Water Investigation Report

Global Id: T0603700605
Action Type: RESPONSE

CHEVRON #9-4125 (Continued) **S103064790**

Date: 07/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603700605
Action Type: RESPONSE
Date: 03/15/2010
Action: Soil and Water Investigation Workplan

Global Id: T0603700605
Action Type: REMEDIATION
Date: 07/01/1998
Action: Excavation

Global Id: T0603700605
Action Type: RESPONSE
Date: 12/27/2011
Action: Soil and Water Investigation Workplan

Global Id: T0603700605
Action Type: RESPONSE
Date: 05/13/2014
Action: Well Destruction Report

Global Id: T0603700605
Action Type: RESPONSE
Date: 04/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0603700605
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0603700605
Action Type: RESPONSE
Date: 07/02/2012
Action: Request for Closure - Regulator Responded

Global Id: T0603700605
Action Type: RESPONSE
Date: 05/16/2013
Action: Request for Closure - Regulator Responded

Global Id: T0603700605
Action Type: ENFORCEMENT
Date: 09/23/2009
Action: Staff Letter

Global Id: T0603700605
Action Type: ENFORCEMENT
Date: 05/25/2011
Action: Staff Letter

Global Id: T0603700605
Action Type: RESPONSE
Date: 05/15/2011
Action: Soil and Water Investigation Workplan

CHEVRON #9-4125 (Continued) **S103064790**

Global Id: T0603700605
Action Type: RESPONSE
Date: 01/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603700605
Action Type: ENFORCEMENT
Date: 01/10/2014
Action: Notification - Preclosure

Global Id: T0603700605
Action Type: ENFORCEMENT
Date: 04/12/2010
Action: Staff Letter

Global Id: T0603700605
Action Type: Other
Date: 10/25/1994
Action: Leak Reported

Global Id: T0603700605
Action Type: RESPONSE
Date: 09/01/2012
Action: Soil and Water Investigation Workplan

Global Id: T0603700605
Action Type: RESPONSE
Date: 07/15/2012
Action: Conceptual Site Model

LUST:
Global Id: T0603700605
Status: Open - Case Begin Date
Status Date: 10/18/1994

Global Id: T0603700605
Status: Open - Site Assessment
Status Date: 10/25/1994

Global Id: T0603700605
Status: Open - Site Assessment
Status Date: 05/24/2005

Global Id: T0603700605
Status: Open - Referred
Status Date: 08/21/2009

Global Id: T0603700605
Status: Open - Site Assessment
Status Date: 04/12/2010

Global Id: T0603700605
Status: Open - Verification Monitoring
Status Date: 01/01/2013

Global Id: T0603700605
Status: Open - Eligible for Closure

CHEVRON #9-4125 (Continued) **S103064790**

Status Date: 06/02/2014

Global Id: T0603700605
Status: Completed - Case Closed
Status Date: 07/02/2014

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900180061

I61 **CHEVRON 94125** **RCRA-SQG** **1000686566**
WSW **1907 S ARLINGTON AVE** **LUST** **CAD983638909**
1/4-1/2 **LOS ANGELES, CA 90018** **UST**
0.469 mi.
2478 ft. **Site 2 of 3 in cluster I**

Relative:
Lower

Actual:
204 ft.

RCRA-SQG:
Date form received by agency: 02/16/2012
Facility name: CHEVRON 94125
Facility address: 1907 S ARLINGTON AVE
LOS ANGELES, CA 90018
EPA ID: CAD983638909
Mailing address: PO BOX 6004
SAN RAMON, CA 94583
Contact: KATHY L NORRIS
Contact address: P O BOX 6004
SAN RAMON, CA 94583
Contact country: US
Contact telephone: 877-386-6044
Contact email: NAWTDESK@CHEVRON.COM
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: CHEVRON USA INC
Owner/operator address: PO BOX 6004
SAN RAMON, CA 94583
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/26/1973
Owner/Op end date: Not reported

Owner/operator name: CHEVRON USA INC
Owner/operator address: Not reported

CHEVRON 94125 (Continued) **1000686566**

Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/26/1973
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 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.

. Waste code: D018
. Waste name: BENZENE

Historical Generators:
Date form received by agency: 05/16/2002
Site name: CHEVRON STATION NO 94125
Classification: Small Quantity Generator

. 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.

. Waste code: D018
. Waste name: BENZENE

CHEVRON 94125 (Continued) **1000686566**

Violation Status: No violations found

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900180061	
Status:	Leak being confirmed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603700605	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	WASHINGTON	
Enforcement Type:	Not reported	
Date Leak Discovered:	10/18/1994	
Date Leak First Reported:		10/25/1994
Date Leak Record Entered:	3/25/1996	
Date Confirmation Began:	10/25/1994	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		10/25/1994
Date the Case was Closed:		Not reported
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	OLD CASE #941025-02	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		10187.330648540284754467745125
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:	CHEVRON USA PRODUCTS	
RP Address:	SAME AS ABOVE	
Program:	LUST	
Lat/Long:	34.0398637 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	

CHEVRON 94125 (Continued) **1000686566**

Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

UST:
Facility ID: 23756
Permitting Agency: LOS ANGELES, CITY OF
Latitude: 34.0409078
Longitude: -118.3167315

62
ENE
1/4-1/2
0.485 mi.
2562 ft.

VENICE AUTO CENTER **LUST** **S107473116**
2000 W. VENICE BLVD **N/A**
LOS ANGELES, CA 90006

Relative:
Higher

Actual:
213 ft.

LUST:
Lead Agency: SWRCB
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603759539
Global Id: T0603759539
Latitude: 34.0434973559
Longitude: -118.300955310779
Status: Completed - Case Closed
Status Date: 05/06/2016
Case Worker: MC
RB Case Number: Not reported
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History: There is a State Water Board closure Order for this case issued 4/30/2015. The State Water Board needs confirmation that the corrective action wells and wastes have been removed from the site in order to close the case. Once confirmation has been received State Water Board can issue a Uniform Closure Letter and close the case. Attempts to reach the RP have failed. gwl 4/14/2016.

LUST:
Global Id: T0603759539
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603759539
Contact Type: Regional Board Caseworker
Contact Name: MATTHEW COHEN
Organization Name: SWRCB
Address: 1001 I Street
City: SACRAMENTO
Email: mcohen@waterboards.ca.gov
Phone Number: 9163415751

VENICE AUTO CENTER (Continued) **S107473116**

Global Id: T0603759539
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

LUST:
Global Id: T0603759539
Action Type: ENFORCEMENT
Date: 09/20/2014
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0603759539
Action Type: Other
Date: 08/31/2000
Action: Leak Reported

Global Id: T0603759539
Action Type: ENFORCEMENT
Date: 10/24/2014
Action: Notification - Public Notice of Case Closure

Global Id: T0603759539
Action Type: Other
Date: 03/15/2000
Action: Leak Discovery

Global Id: T0603759539
Action Type: ENFORCEMENT
Date: 05/02/2016
Action: Closure/No Further Action Letter

Global Id: T0603759539
Action Type: ENFORCEMENT
Date: 04/30/2015
Action: State Water Board Closure Order

LUST:
Global Id: T0603759539
Status: Open - Case Begin Date
Status Date: 03/15/2000

Global Id: T0603759539
Status: Open - Site Assessment
Status Date: 11/08/2004

Global Id: T0603759539
Status: Open - Remediation
Status Date: 01/22/2008

Global Id: T0603759539
Status: Open - Eligible for Closure
Status Date: 07/14/2014

VENICE AUTO CENTER (Continued) **S107473116**

Global Id: T0603759539
Status: Completed - Case Closed
Status Date: 05/06/2016

63
NW
1/2-1
0.501 mi.
2644 ft.

PIO PICO PLAYGROUND EXPANSION **ENVIROSTOR** **S118756616**
1313, 1325, 1327, 1331, 1401 S. VAN NESS AVE. **SCH** **N/A**
LOS ANGELES, CA 90019

Relative:
Lower

Actual:
196 ft.

ENVIROSTOR:
Facility ID: 19880036
Status: No Action Required
Status Date: 01/10/2006
Site Code: 304343
Site Type: School Investigation
Site Type Detailed: School
Acres: 1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 30
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Lead
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: LAUSD-PIO PICO ES PLAYGROUND
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: PIO PICO PLAYGROUND EXPANSION
Alias Type: Alternate Name
Alias Name: 304343
Alias Type: Project Code (Site Code)
Alias Name: 19880036
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inactive Status Letter
Completed Date: 11/25/2002
Comments: Inactive Status Letter completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

PIO PICO PLAYGROUND EXPANSION (Continued) **S118756616**

Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/22/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 11/02/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/04/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/29/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/16/2002
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

SCH:

Facility ID: 19880036
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Shahir Haddad

PIO PICO PLAYGROUND EXPANSION (Continued) **S118756616**

Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304343
Assembly:	53
Senate:	30
Special Program Status:	Not reported
Status:	No Action Required
Status Date:	01/10/2006
Restricted Use:	NO
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	Lead
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	LAUSD-PIO PICO ES PLAYGROUND
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	PIO PICO PLAYGROUND EXPANSION
Alias Type:	Alternate Name
Alias Name:	304343
Alias Type:	Project Code (Site Code)
Alias Name:	19880036
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Inactive Status Letter
Completed Date:	11/25/2002
Comments:	Inactive Status Letter completed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	04/22/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	11/02/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	02/04/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	01/29/2003
Comments:	Not reported

PIO PICO PLAYGROUND EXPANSION (Continued) **S118756616**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	04/16/2002
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

I64 **CENTRAL REGION ES #13, SITE #7** **ENVIROSTOR** **S107736107**
West **WEST WASHINGTON BLVD./ARLINGTON AVENUE/21ST STREET/3RD AVENU** **SCH** **N/A**
1/2-1 **LOS ANGELES, CA 90018** **DEED**
0.519 mi.
2742 ft. **Site 3 of 3 in cluster I**

Relative: **Lower**
Actual: **204 ft.**

ENVIROSTOR:

Facility ID:	37000008
Status:	Active
Status Date:	01/20/2005
Site Code:	304490
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	3.6
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Joe Hwong
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	54
Senate:	30
Special Program:	Not reported
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.0396
Longitude:	-118.3189
APN:	5060-030-001-009, 5060-030-23-24, 5060-031-029-031
Past Use:	UNDERGROUND STORAGE TANKS, UNDERGROUND STORAGE TANKS
Potential COC:	Benzene Methyl tertbutyl ether (MTBE Tetrachloroethylene (PCE TPH-diesel TPH-gas Trichloroethylene (TCE Vinyl chloride Benzene Tetrachloroethylene (PCE TPH-diesel TPH-gas Acetone Benzoic acid Beryllium and compounds Ethylbenzene Naphthalene 1,2,4-Trimethylbenzene
Confirmed COC:	Benzene Tetrachloroethylene (PCE 30024-NO 30025-NO 30032-NO 30076-NO

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Naphthalene Ethylbenzene 1,2,4-Trimethylbenzene 30080-NO Benzene
Methyl tertbutyl ether (MTBE Tetrachloroethylene (PCE TPH-diesel
TPH-gas Trichloroethylene (TCE Vinyl chloride

Potential Description: AQUI, SOIL, SV, AQUI, SV
Alias Name: CRES #13
Alias Type: Alternate Name
Alias Name: CRES#13
Alias Type: Alternate Name
Alias Name: Carson - Gore Academy of Environmental Studies
Alias Type: Alternate Name
Alias Name: Carson-Gore Academy of Environmental Studies
Alias Type: Alternate Name
Alias Name: Central #13 Elementary
Alias Type: Alternate Name
Alias Name: Central #13 Elementary School
Alias Type: Alternate Name
Alias Name: LAUSD-CENTRAL L.A. REGION ELEM SCL #13
Alias Type: Alternate Name
Alias Name: Rachel Carson - Al Gore Academy of Environmental Studies
Alias Type: Alternate Name
Alias Name: 5060-030-001-009
Alias Type: APN
Alias Name: 5060-030-23-24
Alias Type: APN
Alias Name: 5060-031-029-031
Alias Type: APN
Alias Name: 110033619396
Alias Type: EPA (FRS #)
Alias Name: 304490
Alias Type: Project Code (Site Code)
Alias Name: 37000008
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/22/2015
Comments: Annual Cost Estimate emailed and mailed to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 03/07/2005
Comments: Concurred with SOW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/27/2005
Comments: PCE and arsenic require further delineation in soil vapor and soil, respectively. Pb-based paint required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 04/19/2006
Comments: Not reported

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/20/2006
Comments: Approved with minor comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 12/05/2006
Comments: Approved with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 10/30/2007
Comments: SFPD FORM 4.15 for Conditional approval of Draft RAP

Completed Area Name: Area A
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 05/01/2008
Comments: final raw approval issued to the rp on 5/1/2008

Completed Area Name: Area A
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 08/08/2008
Comments: Not reported

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Area B
Completed Document Type: Technical Workplan
Completed Date: 04/24/2009
Comments: Dcoument not approved as the document was revised and bifurcated into different elements.

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Area B
Completed Document Type: Fieldwork
Completed Date: 02/09/2009
Comments: - DTSC understood that GW well installation would not commence; RP was out at site.

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Area B
Completed Document Type: Fieldwork
Completed Date: 02/11/2009
Comments: - fieldwork completed

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/22/2010
Comments: Further action required for remediationg soil and continue ongoing groundwater investigation followed by cleanup for OU2 below 45 feet below ground surface.

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Area B
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 05/21/2009
Comments: vapor intrusion evaluation approved 5/21/2009

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/29/2009
Comments: Not reported

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Area B
Completed Document Type: Fieldwork
Completed Date: 06/02/2009
Comments: Groundwater well installation oversight provided by R. Grutzmacher

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Risk Assessment Report
Completed Date: 10/01/2009
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 03/18/2010
Comments: RAP for Operable Unit 1 approved for public comment on 11/24/2009; public comment period extends from 11/24/2009 through 01/11/2010.

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Tank Removal Report
Completed Date: 10/15/2009
Comments: Approved.

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Area B
Completed Document Type: Other Report
Completed Date: 11/30/2009
Comments: Not reported

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Area B
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 02/06/2012
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Design/Implementation Workplan
Completed Date: 04/08/2010
Comments: Not reported

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Area B

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 06/10/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/01/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 04/19/2010
Comments: The Summary and Air Monitoring Data are uploaded.

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 04/26/2010
Comments: Field Activities are updated with air quality monitoring and health and safety measures.

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 05/04/2010
Comments: Remedial Field Activities updated from April 22 to April 28, 2010.

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 05/10/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 05/17/2010
Comments: Field Activities Summary uploaded for Area B2 OU1.

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 05/24/2010
Comments: Field Activities Summary uploaded for public information.

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 06/01/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/07/2010

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 06/22/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 06/22/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 06/25/2010
Comments: Remediation activities are summarized for Area B2.

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 07/02/2010
Comments: Filed Activities Summary include backfilling with Clay.

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 07/12/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 07/19/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/06/2010
Comments: Field Activities from July 22 to July 28, 2010.

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 08/23/2010
Comments: Field Activities are for excavation for Area B2.

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 09/13/2010
Comments: Field Activities for Area B2.

Completed Area Name: Area B

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 09/13/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 09/13/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 09/13/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Other Report
Completed Date: 08/23/2010
Comments: Photos from 04/10/10 through 08/23/2010.

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 09/19/2011
Comments: Not reported

Completed Area Name: Area A
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 08/08/2011
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Remedial Action Completion Report
Completed Date: 03/29/2011
Comments: DTSC conditionally approved the RACR. The conditions are included in DTSC letter dated March 10, 2011.

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 11/19/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/31/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Date: 02/01/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/15/2011
Comments: Approved the 2010 Summary Report Site-Wide Soil Vapor Sampoling.

Completed Area Name: Area A
Completed Sub Area Name: Groundwater
Completed Document Type: Well Installation Workplan
Completed Date: 04/12/2011
Comments: Not reported

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 06/21/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/10/2011
Comments: Concurred with the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/08/2011
Comments: Concurred with the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 08/01/2011
Comments: Approval of Q1 GW Monitoring and Sampling Report letter completed.

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/26/2011
Comments: The WDR Modification was granted prior to the ozone injection pilot test.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/07/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/08/2011
Comments: Report considered Final; comments were included to be incorporated in

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

future field work/reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/15/2011
Comments: Approved with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/04/2012
Comments: DTSC concurred with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/26/2012
Comments: Concurred with the Report with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/26/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 02/27/2012
Comments: Approved with Comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 06/24/2013
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Other Report
Completed Date: 03/01/2012
Comments: DTSC does not have any comments for the geotechnical issue of depression at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 04/19/2013
Comments: Feasibility Study is approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/31/2012
Comments: Concurred with the Reports. Comments were included to be addressed in future.

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/24/2012
Comments: Approved with a comment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/28/2012
Comments: Concurred with the project

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/29/2012
Comments: Approved the Report with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/24/2012
Comments: Concurred with the Comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/29/2012
Comments: Concurred with the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/13/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/04/2018
Comments: FY 17/18 Revised Oversight Cost Estimate letter sent to LAUSD on 01/04/18.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/08/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/20/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Document Type: School Cleanup Agreement
Completed Date: 10/29/2007
Comments: Rec'd signed signature page to amend Master Agreement to Master SCA

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 06/28/2013
Comments: RAP Approved; ND, NOD, IS sent to CEQA for filing.

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 03/18/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-1
Completed Document Type: Correspondence
Completed Date: 09/02/2010
Comments: Area B1, OU 1 - No Further Action Request and Determination

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 02/10/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: Area A
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/11/2010
Comments: Area "A" Soil Gas Sampling Technical Memorandum and Determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/17/2005
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/21/2012
Comments: Area B will be used for school outdoor playground.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/07/2005
Comments: Not reported

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/19/2013
Comments: Concurred with the Report and continuation of the monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/01/2013
Comments: DTSC concurred with the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 06/28/2013
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-1
Completed Document Type: Other Report
Completed Date: 03/29/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/29/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/12/2013
Comments: Concurred with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/16/2013
Comments: Concurred with comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/02/2013
Comments: Final

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/02/2013
Comments: Final

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Date: 07/09/2013
Comments: Not reported

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Area B
Completed Document Type: Work Notice
Completed Date: 06/21/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/28/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/18/2013
Comments: DTSC concurred with the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/06/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 09/18/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/02/2013
Comments: Not reported

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 02/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/04/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 07/30/2014
Comments: Not reported

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/07/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/28/2014
Comments: Trend Analysis was completed by DTSC Toxicologist.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/03/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/11/2014
Comments: Concurred with the comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/17/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/18/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 02/19/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/17/2015
Comments: Concurred with the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/08/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Date: 03/16/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/29/2016
Comments: Concurred with the Report with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/19/2017
Comments: Concurred with comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/19/2017
Comments: Concurred with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/15/2016
Comments: Annual Cost Estimates Letter, dated 09/15/16, sent to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/20/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 12/07/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 05/29/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/08/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/21/2017
Comments: Not reported

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Area Name: Area A
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 05/02/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/30/2017
Comments: Annual cost estimates letter sent to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/17/2012
Comments: Concurred with the Request.

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 05/01/2013
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: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 06/15/2019
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 12/13/2018
Schedule Revised Date: Not reported

SCH:

Facility ID: 37000008
Site Type: School Cleanup
Site Type Detail: School
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: Joe Hwong
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304490
Assembly: 54
Senate: 30
Special Program Status: Not reported

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Status:	Active
Status Date:	01/20/2005
Restricted Use:	YES
Funding:	School District
Latitude:	34.0396
Longitude:	-118.3189
APN:	5060-030-001-009, 5060-030-23-24, 5060-031-029-031
Past Use:	UNDERGROUND STORAGE TANKS, UNDERGROUND STORAGE TANKS
Potential COC:	Benzene, Methyl tertbutyl ether (MTBE, Tetrachloroethylene (PCE, TPH-diesel, TPH-gas, Trichloroethylene (TCE, Vinyl chloride, Benzene, Tetrachloroethylene (PCE, TPH-diesel, TPH-gas, Acetone, Benzoic acid, Beryllium and compounds, Ethylbenzene, Naphthalene, 1,2,4-Trimethylbenzene
Confirmed COC:	Benzene, Tetrachloroethylene (PCE, 30024-NO, 30025-NO, 30032-NO, 30076-NO, Naphthalene, Ethylbenzene, 1,2,4-Trimethylbenzene, 30080-NO, , Benzene, Benzene, Methyl tertbutyl ether (MTBE, Tetrachloroethylene (PCE, TPH-diesel, TPH-gas, Trichloroethylene (TCE, Vinyl chloride
Potential Description:	AQUI, SOIL, SV, AQUI, SV
Alias Name:	CRES #13
Alias Type:	Alternate Name
Alias Name:	CRES#13
Alias Type:	Alternate Name
Alias Name:	Carson - Gore Academy of Environmental Studies
Alias Type:	Alternate Name
Alias Name:	Carson-Gore Academy of Environmental Studies
Alias Type:	Alternate Name
Alias Name:	Central #13 Elementary
Alias Type:	Alternate Name
Alias Name:	Central #13 Elementary School
Alias Type:	Alternate Name
Alias Name:	LAUSD-CENTRAL L.A. REGION ELEM SCL #13
Alias Type:	Alternate Name
Alias Name:	Rachel Carson - Al Gore Academy of Environmental Studies
Alias Type:	Alternate Name
Alias Name:	5060-030-001-009
Alias Type:	APN
Alias Name:	5060-030-23-24
Alias Type:	APN
Alias Name:	5060-031-029-031
Alias Type:	APN
Alias Name:	110033619396
Alias Type:	EPA (FRS #)
Alias Name:	304490
Alias Type:	Project Code (Site Code)
Alias Name:	37000008
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/22/2015
Comments:	Annual Cost Estimate emailed and mailed to LAUSD.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Date: 03/07/2005
Comments: Concurred with SOW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/27/2005
Comments: PCE and arsenic require further delineation in soil vapor and soil, respectively. Pb-based paint required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 04/19/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/20/2006
Comments: Approved with minor comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 12/05/2006
Comments: Approved with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 10/30/2007
Comments: SFPD FORM 4.15 for Conditional approval of Draft RAP

Completed Area Name: Area A
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 05/01/2008
Comments: final raw approval issued to the rp on 5/1/2008

Completed Area Name: Area A
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 08/08/2008
Comments: Not reported

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Area B
Completed Document Type: Technical Workplan
Completed Date: 04/24/2009
Comments: Dcoument not approved as the document was revised and bifurcated into different elements.

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Area B
Completed Document Type: Fieldwork
Completed Date: 02/09/2009

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Comments:	- DTSC understood that GW well installation would not commence; RP was out at site.
Completed Area Name:	OU-2 Groundwater
Completed Sub Area Name:	Area B
Completed Document Type:	Fieldwork
Completed Date:	02/11/2009
Comments:	- fieldwork completed
Completed Area Name:	Area B
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	03/22/2010
Comments:	Further action required for remediationg soil and continue ongoing groundwater investigation followed by cleanup for OU2 below 45 feet below ground surface.
Completed Area Name:	OU-2 Groundwater
Completed Sub Area Name:	Area B
Completed Document Type:	Supplemental Site Investigation Tech Memo
Completed Date:	05/21/2009
Comments:	vapor intrusion evaluation approved 5/21/2009
Completed Area Name:	Area B
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	05/29/2009
Comments:	Not reported
Completed Area Name:	OU-2 Groundwater
Completed Sub Area Name:	Area B
Completed Document Type:	Fieldwork
Completed Date:	06/02/2009
Comments:	Groundwater well installation oversight provided by R. Grutzmacher
Completed Area Name:	Area B
Completed Sub Area Name:	Area B-2
Completed Document Type:	Risk Assessment Report
Completed Date:	10/01/2009
Comments:	Not reported
Completed Area Name:	Area B
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Plan
Completed Date:	03/18/2010
Comments:	RAP for Operable Unit 1 approved for public comment on 11/24/2009; public comment period extends from 11/24/2009 through 01/11/2010.
Completed Area Name:	Area B
Completed Sub Area Name:	Area B-2
Completed Document Type:	Tank Removal Report
Completed Date:	10/15/2009
Comments:	Approved.
Completed Area Name:	OU-2 Groundwater
Completed Sub Area Name:	Area B
Completed Document Type:	Other Report

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Date: 11/30/2009
Comments: Not reported

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Area B
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 02/06/2012
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Design/Implementation Workplan
Completed Date: 04/08/2010
Comments: Not reported

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Area B
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 06/10/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/01/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 04/19/2010
Comments: The Summary and Air Monitoring Data are uploaded.

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 04/26/2010
Comments: Field Activities are updated with air quality monitoring and health and safety measures.

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 05/04/2010
Comments: Remedial Field Activities updated from April 22 to April 28, 2010.

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 05/10/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 05/17/2010
Comments: Field Activities Summary uploaded for Area B2 OU1.

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 05/24/2010
Comments: Field Activities Summary uploaded for public information.

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 06/01/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/07/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 06/22/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 06/22/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 06/25/2010
Comments: Remediation activities are summarized for Area B2.

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 07/02/2010
Comments: Filed Activities Summary include backfilling with Clay.

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 07/12/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Fieldwork
Completed Date: 07/19/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Date:	08/06/2010
Comments:	Field Activities from July 22 to July 28, 2010.
Completed Area Name:	Area B
Completed Sub Area Name:	Area B-2
Completed Document Type:	Fieldwork
Completed Date:	08/23/2010
Comments:	Field Activities are for excavation for Area B2.
Completed Area Name:	Area B
Completed Sub Area Name:	Area B-2
Completed Document Type:	Fieldwork
Completed Date:	09/13/2010
Comments:	Field Activities for Area B2.
Completed Area Name:	Area B
Completed Sub Area Name:	Area B-2
Completed Document Type:	Fieldwork
Completed Date:	09/13/2010
Comments:	Not reported
Completed Area Name:	Area B
Completed Sub Area Name:	Area B-2
Completed Document Type:	Fieldwork
Completed Date:	09/13/2010
Comments:	Not reported
Completed Area Name:	Area B
Completed Sub Area Name:	Area B-2
Completed Document Type:	Fieldwork
Completed Date:	09/13/2010
Comments:	Not reported
Completed Area Name:	Area B
Completed Sub Area Name:	Area B-2
Completed Document Type:	Other Report
Completed Date:	08/23/2010
Comments:	Photos from 04/10/10 through 08/23/2010.
Completed Area Name:	Area B
Completed Sub Area Name:	Not reported
Completed Document Type:	Operations and Maintenance Plan
Completed Date:	09/19/2011
Comments:	Not reported
Completed Area Name:	Area A
Completed Sub Area Name:	Not reported
Completed Document Type:	Operations and Maintenance Plan
Completed Date:	08/08/2011
Comments:	Not reported
Completed Area Name:	Area B
Completed Sub Area Name:	Area B-2
Completed Document Type:	Remedial Action Completion Report
Completed Date:	03/29/2011
Comments:	DTSC conditionally approved the RACR. The conditions are included in DTSC letter dated March 10, 2011.

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 11/19/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/31/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/01/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/15/2011
Comments: Approved the 2010 Summary Report Site-Wide Soil Vapor Sampoling.

Completed Area Name: Area A
Completed Sub Area Name: Groundwater
Completed Document Type: Well Installation Workplan
Completed Date: 04/12/2011
Comments: Not reported

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 06/21/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/10/2011
Comments: Concurred with the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/08/2011
Comments: Concurred with the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 08/01/2011
Comments: Approval of Q1 GW Monitoring and Sampling Report letter completed.

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Other Report

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Date: 08/26/2011
Comments: The WDR Modification was granted prior to the ozone injection pilot test.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/07/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/08/2011
Comments: Report considered Final; comments were included to be incorporated in future field work/reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/15/2011
Comments: Approved with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/04/2012
Comments: DTSC concurred with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/26/2012
Comments: Concurred with the Report with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/26/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 02/27/2012
Comments: Approved with Comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 06/24/2013
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: Other Report
Completed Date: 03/01/2012

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Comments:	DTSC does not have any comments for the geotechnical issue of depression at the Site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Feasibility Study Report
Completed Date:	04/19/2013
Comments:	Feasibility Study is approved.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	05/31/2012
Comments:	Concurred with the Reports. Comments were included to be addressed in future.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operations and Maintenance Report
Completed Date:	07/24/2012
Comments:	Approved with a comment.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	08/28/2012
Comments:	Concurred with the project
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	08/29/2012
Comments:	Approved the Report with comments.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operations and Maintenance Report
Completed Date:	10/24/2012
Comments:	Concurred with the Comments.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	11/29/2012
Comments:	Concurred with the Report.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	05/13/2016
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	01/04/2018
Comments:	FY 17/18 Revised Oversight Cost Estimate letter sent to LAUSD on

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

01/04/18.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/08/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/20/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 10/29/2007
Comments: Rec'd signed signature page to amend Master Agreement to Master SCA

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 06/28/2013
Comments: RAP Approved; ND, NOD, IS sent to CEQA for filing.

Completed Area Name: Area B
Completed Sub Area Name: Area B-2
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 03/18/2010
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-1
Completed Document Type: Correspondence
Completed Date: 09/02/2010
Comments: Area B1, OU 1 - No Further Action Request and Determination

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 02/10/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: Area A
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/11/2010
Comments: Area "A" Soil Gas Sampling Technical Memorandum and Determination

Completed Area Name: PROJECT WIDE

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/17/2005
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/21/2012
Comments: Area B will be used for school outdoor playground.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/07/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/19/2013
Comments: Concurred with the Report and continuation of the monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/01/2013
Comments: DTSC concurred with the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 06/28/2013
Comments: Not reported

Completed Area Name: Area B
Completed Sub Area Name: Area B-1
Completed Document Type: Other Report
Completed Date: 03/29/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/29/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/12/2013
Comments: Concurred with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/16/2013

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Comments: Concurred with comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/02/2013
Comments: Final

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/02/2013
Comments: Final

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 07/09/2013
Comments: Not reported

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Area B
Completed Document Type: Work Notice
Completed Date: 06/21/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/28/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/18/2013
Comments: DTSC concurred with the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/06/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 09/18/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/02/2013
Comments: Not reported

Completed Area Name: OU-2 Groundwater

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 02/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/04/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 07/30/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/07/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/28/2014
Comments: Trend Analysis was completed by DTSC Toxicologist.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/03/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/11/2014
Comments: Concurred with the comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/17/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/18/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 02/19/2015

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/17/2015
Comments: Concurred with the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/08/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/16/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/29/2016
Comments: Concurred with the Report with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/19/2017
Comments: Concurred with comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/19/2017
Comments: Concurred with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/15/2016
Comments: Annual Cost Estimates Letter, dated 09/15/16, sent to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/20/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 12/07/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 05/29/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/08/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/21/2017
Comments: Not reported

Completed Area Name: Area A
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 05/02/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/30/2017
Comments: Annual cost estimates letter sent to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/17/2012
Comments: Concurred with the Request.

Completed Area Name: OU-2 Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 05/01/2013
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: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 06/15/2019
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 12/13/2018
Schedule Revised Date: Not reported

CENTRAL REGION ES #13, SITE #7 (Continued) **S107736107**

DEED:
Envirostor ID: 37000008
Area: AREA B
Sub Area: Not reported
Site Type: SCHOOL CLEANUP
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 03/21/2012
File Name: Envirostor Land Use Restrictions

65
East
1/2-1
0.839 mi.
4431 ft.

CENTRAL REGION ELEMENTARY SCHOOL #15 **ENVIROSTOR** **S107736105**
WEST WASHINGTON BLVD/BUDLONG AVENUE/WEST CORDOVA STREET **SCH** **N/A**
LOS ANGELES, CA 90007

Relative:
Lower

Actual:
195 ft.

ENVIROSTOR:
Facility ID: 60000072
Status: Certified
Status Date: 01/11/2008
Site Code: 304489
Site Type: School Cleanup
Site Type Detailed: School
Acres: 2.7
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.039
Longitude: -118.2947
APN: 5075-035-004-009, 5075-035-013-020
Past Use: MANUFACTURING - OTHER
Potential COC: Lead
Confirmed COC: 30013-NO
Potential Description: SOIL
Alias Name: LAUSD-CENTRAL L.A. REGION ELEM SCL #15
Alias Type: Alternate Name
Alias Name: 5075-035-004-009
Alias Type: APN
Alias Name: 5075-035-013-020
Alias Type: APN
Alias Name: 110033619387
Alias Type: EPA (FRS #)
Alias Name: 304489
Alias Type: Project Code (Site Code)
Alias Name: 60000072
Alias Type: Envirostor ID Number

CENTRAL REGION ELEMENTARY SCHOOL #15 (Continued) **S107736105**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	03/22/2005
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	01/11/2008
Comments:	final certification approved by management on Jan. 11, 2008.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	12/30/2008
Comments:	The project has now been completed.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	03/22/2005
Comments:	Concurred with SOW.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	10/20/2005
Comments:	SSI required for delineation of lead impacts and LBP - PEA recommd removal of 1.5 cy of lead impacted soil

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	10/30/2006
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	03/23/2007
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	04/29/2007
Comments:	field work - completed on weekends. Over 3 weeks.

Completed Area Name:	PROJECT WIDE

CENTRAL REGION ELEMENTARY SCHOOL #15 (Continued) **S107736105**

Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Completion Report
Completed Date:	09/14/2007
Comments:	Based on the review of the documents submitted, the RACR Report was approved on 9/14/2007.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	02/17/2005
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

SCH:

Facility ID:	60000072
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	2.7
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:	Southern California Schools & Brownfields Outreach
Site Code:	304489
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Certified
Status Date:	01/11/2008
Restricted Use:	NO
Funding:	School District
Latitude:	34.039
Longitude:	-118.2947
APN:	5075-035-004-009, 5075-035-013-020
Past Use:	MANUFACTURING - OTHER
Potential COC:	Lead
Confirmed COC:	30013-NO
Potential Description:	SOIL
Alias Name:	LAUSD-CENTRAL L.A. REGION ELEM SCL #15
Alias Type:	Alternate Name
Alias Name:	5075-035-004-009
Alias Type:	APN
Alias Name:	5075-035-013-020
Alias Type:	APN

CENTRAL REGION ELEMENTARY SCHOOL #15 (Continued) **S107736105**

Alias Name: 110033619387
Alias Type: EPA (FRS #)
Alias Name: 304489
Alias Type: Project Code (Site Code)
Alias Name: 60000072
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/22/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/11/2008
Comments: final certification approved by management on Jan. 11, 2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 12/30/2008
Comments: The project has now been completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 03/22/2005
Comments: Concurred with SOW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/20/2005
Comments: SSI required for delineation of lead impacts and LBP - PEA recommd removal of 1.5 cy of lead impacted soil

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/30/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/23/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE

CENTRAL REGION ELEMENTARY SCHOOL #15 (Continued) **S107736105**

Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/29/2007
Comments: field work - completed on weekends. Over 3 weeks.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 09/14/2007
Comments: Based on the review of the documents submitted, the RACR Report was approved on 9/14/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/17/2005
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

J66 **LOS ANGELES TECHNOLOGY CENTER** **ENVIROSTOR** **S107736639**
West **3721 WEST WASHINGTON BOULEVARD** **SCH** **N/A**
1/2-1 **LOS ANGELES, CA 90019**
0.879 mi.
4640 ft. **Site 1 of 2 in cluster J**

Relative: **Lower**
Actual: **197 ft.**

ENVIROSTOR:
Facility ID: 19000015
Status: Inactive - Needs Evaluation
Status Date: 11/22/2005
Site Code: 300800
Site Type: School Investigation
Site Type Detailed: School
Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 30
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: * UNKNOWN

LOS ANGELES TECHNOLOGY CENTER (Continued) **S107736639**

Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: LOS ANGELES TECHNOLOGY
Alias Type: Alternate Name
Alias Name: LOS ANGELES TECHNOLOGY (PARAMEDICAL OCC)
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 300800
Alias Type: Project Code (Site Code)
Alias Name: 19000015
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/17/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
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

SCH:

Facility ID: 19000015
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 300800
Assembly: 53
Senate: 30
Special Program Status: Not reported
Status: Inactive - Needs Evaluation
Status Date: 11/22/2005

LOS ANGELES TECHNOLOGY CENTER (Continued) **S107736639**

Restricted Use:	NO
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	* UNKNOWN
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	LOS ANGELES TECHNOLOGY
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES TECHNOLOGY (PARAMEDICAL OCC)
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	300800
Alias Type:	Project Code (Site Code)
Alias Name:	19000015
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	05/17/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
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

J67 **THE EXCEPTIONAL CHILDREN'S FOUNDATION** **ENVIROSTOR** **S118756604**
West **3740 WEST WASHINGTON BOULEVARD** **N/A**
1/2-1 **CULVER CITY, CA 90232**
0.881 mi.
4651 ft. **Site 2 of 2 in cluster J**

Relative: **Lower**
Actual: **197 ft.**

ENVIROSTOR:

Facility ID:	19830002
Status:	No Action Required
Status Date:	03/14/1995
Site Code:	300550
Site Type:	Calmortgage
Site Type Detailed:	Calmortgage
Acres:	0.25
NPL:	NO

THE EXCEPTIONAL CHILDREN'S FOUNDATION (Continued) **S118756604**

Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Sandra Karinen
Supervisor: William Beckman
Division Branch: Cleanup Sacramento
Assembly: 55
Senate: 30
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: CalMortgage
Latitude: 34.03989
Longitude: -118.3253
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: NMA
Alias Name: 300550
Alias Type: Project Code (Site Code)
Alias Name: 19830002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 03/14/1995
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

68
North
1/2-1
0.912 mi.
4816 ft.

HOBART/WILTON PRIMARY SCHOOL NO. 2 **ENVIROSTOR** **S107736462**
SAN MARINO ST/SAINT ANDREWS PLACE/GRAMERCY DR **SCH** **N/A**
LOS ANGELES, CA 90019

Relative:
Lower

Actual:
180 ft.

ENVIROSTOR:
Facility ID: 19880072
Status: Inactive - Withdrawn
Status Date: 08/20/2002
Site Code: 304150
Site Type: School Investigation
Site Type Detailed: School
Acres: 1.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported

HOBART/WILTON PRIMARY SCHOOL NO. 2 (Continued) **S107736462**

Supervisor: Mark Malinowski
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05445
Longitude: -118.3114
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: HOBART/WILTON PRIMARY SCHOOL #2
Alias Type: Alternate Name
Alias Name: LAUSD-HOBART/WILTON PRIMARY #2/CDE
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304071
Alias Type: Project Code (Site Code)
Alias Name: 304150
Alias Type: Project Code (Site Code)
Alias Name: 19880072
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/11/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 08/20/2002
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

HOBART/WILTON PRIMARY SCHOOL NO. 2 (Continued) **S107736462**

SCH:

Facility ID:	19880072
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1.5
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Mark Malinowski
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304150
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Inactive - Withdrawn
Status Date:	08/20/2002
Restricted Use:	NO
Funding:	School District
Latitude:	34.05445
Longitude:	-118.3114
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	HOBART/WILTON PRIMARY SCHOOL #2
Alias Type:	Alternate Name
Alias Name:	LAUSD-HOBART/WILTON PRIMARY #2/CDE
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304071
Alias Type:	Project Code (Site Code)
Alias Name:	304150
Alias Type:	Project Code (Site Code)
Alias Name:	19880072
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	02/11/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

HOBART/WILTON PRIMARY SCHOOL NO. 2 (Continued) **S107736462**

Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	08/20/2002
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

69
West
1/2-1
0.916 mi.
4837 ft.

MOUNT VERNON MIDDLE SCHOOL ADDITION **ENVIROSTOR** **S105840730**
4066 WEST 17TH STREET **SCH** **N/A**
LOS ANGELES, CA 90019

Relative:
Lower

Actual:
192 ft.

ENVIROSTOR:

Facility ID:	19820089
Status:	Inactive - Withdrawn
Status Date:	08/20/2002
Site Code:	304116
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	11.28
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Mark Malinowski
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	54
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.04208
Longitude:	-118.3270
APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	LAUSD-MT. VERNON MID SCH ADDITION
Alias Type:	Alternate Name
Alias Name:	LAUSD-MT. VERNON MID SCH ADDITION/VCA
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	MOUNT VERNON MIDDLE SCHOOL ADDITION
Alias Type:	Alternate Name
Alias Name:	304021
Alias Type:	Project Code (Site Code)
Alias Name:	304116

MOUNT VERNON MIDDLE SCHOOL ADDITION (Continued) **S105840730**

Alias Type: Project Code (Site Code)
Alias Name: 19820089
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/04/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 08/20/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
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

SCH:

Facility ID: 19820089
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 11.28
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304116
Assembly: 54
Senate: 30
Special Program Status: Not reported
Status: Inactive - Withdrawn
Status Date: 08/20/2002
Restricted Use: NO
Funding: School District
Latitude: 34.04208
Longitude: -118.3270

MOUNT VERNON MIDDLE SCHOOL ADDITION (Continued) **S105840730**

APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	LAUSD-MT. VERNON MID SCH ADDITION
Alias Type:	Alternate Name
Alias Name:	LAUSD-MT. VERNON MID SCH ADDITION/VCA
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	MOUNT VERNON MIDDLE SCHOOL ADDITION
Alias Type:	Alternate Name
Alias Name:	304021
Alias Type:	Project Code (Site Code)
Alias Name:	304116
Alias Type:	Project Code (Site Code)
Alias Name:	19820089
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	02/04/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	08/20/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
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

70 NNE 1/2-1 0.938 mi. 4952 ft. **HOBART ELEMENTARY SCHOOL ADDITION**
3336 SAN MARINO STREET
LOS ANGELES, CA 90006

ENVIROSTOR SCH **S105628524 N/A**

Relative: Lower

Actual: 202 ft.

ENVIROSTOR:

Facility ID:	19650013
Status:	Certified
Status Date:	02/04/2002
Site Code:	304261
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	.44
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.05391
Longitude:	-118.3042
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	Lead
Confirmed COC:	Lead
Potential Description:	SOIL
Alias Name:	3336 SAN MARINO STREET
Alias Type:	Alternate Name
Alias Name:	HOBART ELEMENTARY SCHOOL ADDITION
Alias Type:	Alternate Name
Alias Name:	LA USD/HOBART ELEMENTARY ADDITION/VCA
Alias Type:	Alternate Name
Alias Name:	LAUSD-3336 SAN MARINO ST
Alias Type:	Alternate Name
Alias Name:	LAUSD-3336 SAN MARINO ST/VCA
Alias Type:	Alternate Name
Alias Name:	LAUSD-HOBART ES ADDITION
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	110033614890
Alias Type:	EPA (FRS #)
Alias Name:	304037
Alias Type:	Project Code (Site Code)
Alias Name:	304130
Alias Type:	Project Code (Site Code)
Alias Name:	304202
Alias Type:	Project Code (Site Code)
Alias Name:	304261
Alias Type:	Project Code (Site Code)
Alias Name:	19650013
Alias Type:	Envirostor ID Number

HOBART ELEMENTARY SCHOOL ADDITION (Continued) **S105628524**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	10/09/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	02/04/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	02/04/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	11/26/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* CEQA
Completed Date:	11/26/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	02/04/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	02/04/2002
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

HOBART ELEMENTARY SCHOOL ADDITION (Continued) **S105628524**

Schedule Revised Date: Not reported

SCH:

Facility ID:	19650013
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	.44
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:	Southern California Schools & Brownfields Outreach
Site Code:	304261
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Certified
Status Date:	02/04/2002
Restricted Use:	NO
Funding:	School District
Latitude:	34.05391
Longitude:	-118.3042
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	Lead
Confirmed COC:	Lead
Potential Description:	SOIL
Alias Name:	3336 SAN MARINO STREET
Alias Type:	Alternate Name
Alias Name:	HOBART ELEMENTARY SCHOOL ADDITION
Alias Type:	Alternate Name
Alias Name:	LA USD/HOBART ELEMENTARY ADDITION/VCA
Alias Type:	Alternate Name
Alias Name:	LAUSD-3336 SAN MARINO ST
Alias Type:	Alternate Name
Alias Name:	LAUSD-3336 SAN MARINO ST/VCA
Alias Type:	Alternate Name
Alias Name:	LAUSD-HOBART ES ADDITION
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	110033614890
Alias Type:	EPA (FRS #)
Alias Name:	304037
Alias Type:	Project Code (Site Code)
Alias Name:	304130
Alias Type:	Project Code (Site Code)
Alias Name:	304202
Alias Type:	Project Code (Site Code)
Alias Name:	304261
Alias Type:	Project Code (Site Code)
Alias Name:	19650013
Alias Type:	Envirostor ID Number

HOBART ELEMENTARY SCHOOL ADDITION (Continued) **S105628524**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	10/09/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	02/04/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	02/04/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	11/26/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* CEQA
Completed Date:	11/26/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	02/04/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	02/04/2002
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

HOBART ELEMENTARY SCHOOL ADDITION (Continued) **S105628524**

Schedule Revised Date: Not reported

71
NE
1/2-1
0.942 mi.
4976 ft.

LOS ANGELES PRIMARY CENTER NO. 5 **ENVIROSTOR** **S105954505**
WEST OLYMPIC BOULEVARD/NORMANDIE **SCH** **N/A**
LOS ANGELES, CA 90006

Relative:
Lower

Actual:
196 ft.

ENVIROSTOR:

Facility ID:	19790002
Status:	Certified
Status Date:	04/23/2003
Site Code:	304233
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	1.93
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.05258
Longitude:	-118.2999
APN:	5078-002-007, 5078-002-008, 5078-002-009, 5078-002-010, 5078-002-014, 5078-002-015, 5078-002-017, 5078-002-018, 5078-002-019, 5078-002-031
Past Use:	RECREATION SERVICES
Potential COC:	Arsenic Lead TPH-diesel
Confirmed COC:	TPH-diesel Arsenic Lead
Potential Description:	OTH, SOIL
Alias Name:	LAUSD-PRPSD L.A. PRIMARY CENTER # 5
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES PRIMARY CENTER #5
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES PRIMARY CENTER #5 (PROPOSED)
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES PRIMARY CENTER NO. 5
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5078-002-007
Alias Type:	APN
Alias Name:	5078-002-008
Alias Type:	APN
Alias Name:	5078-002-009
Alias Type:	APN
Alias Name:	5078-002-010
Alias Type:	APN
Alias Name:	5078-002-014
Alias Type:	APN
Alias Name:	5078-002-015
Alias Type:	APN

LOS ANGELES PRIMARY CENTER NO. 5 (Continued) **S105954505**

Alias Name: 5078-002-017
Alias Type: APN
Alias Name: 5078-002-018
Alias Type: APN
Alias Name: 5078-002-019
Alias Type: APN
Alias Name: 5078-002-031
Alias Type: APN
Alias Name: 110033608139
Alias Type: EPA (FRS #)
Alias Name: T0603741009
Alias Type: GeoTracker Global ID
Alias Name: 304233
Alias Type: Project Code (Site Code)
Alias Name: 19790002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/04/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/17/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/16/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/18/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 01/25/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 10/18/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 01/30/2003

LOS ANGELES PRIMARY CENTER NO. 5 (Continued) **S105954505**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/15/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/02/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/28/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 06/24/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 05/28/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/26/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 04/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/17/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE

LOS ANGELES PRIMARY CENTER NO. 5 (Continued) **S105954505**

Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 05/22/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/18/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/15/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 04/05/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/04/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/06/2004
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

LOS ANGELES PRIMARY CENTER NO. 5 (Continued) **S105954505**

SCH:

Facility ID:	19790002
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1.93
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:	Southern California Schools & Brownfields Outreach
Site Code:	304233
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Certified
Status Date:	04/23/2003
Restricted Use:	NO
Funding:	School District
Latitude:	34.05258
Longitude:	-118.2999
APN:	5078-002-007, 5078-002-008, 5078-002-009, 5078-002-010, 5078-002-014, 5078-002-015, 5078-002-017, 5078-002-018, 5078-002-019, 5078-002-031
Past Use:	RECREATION SERVICES
Potential COC:	Arsenic, Lead, TPH-diesel
Confirmed COC:	TPH-diesel, Arsenic, Lead
Potential Description:	OTH, SOIL
Alias Name:	LAUSD-PRPSD L.A. PRIMARY CENTER # 5
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES PRIMARY CENTER #5
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES PRIMARY CENTER #5 (PROPOSED)
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES PRIMARY CENTER NO. 5
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5078-002-007
Alias Type:	APN
Alias Name:	5078-002-008
Alias Type:	APN
Alias Name:	5078-002-009
Alias Type:	APN
Alias Name:	5078-002-010
Alias Type:	APN
Alias Name:	5078-002-014
Alias Type:	APN
Alias Name:	5078-002-015
Alias Type:	APN
Alias Name:	5078-002-017
Alias Type:	APN
Alias Name:	5078-002-018
Alias Type:	APN
Alias Name:	5078-002-019

LOS ANGELES PRIMARY CENTER NO. 5 (Continued) **S105954505**

Alias Type: APN
Alias Name: 5078-002-031
Alias Type: APN
Alias Name: 110033608139
Alias Type: EPA (FRS #)
Alias Name: T0603741009
Alias Type: GeoTracker Global ID
Alias Name: 304233
Alias Type: Project Code (Site Code)
Alias Name: 19790002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/04/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/17/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/16/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/18/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 01/25/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 10/18/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 01/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report

LOS ANGELES PRIMARY CENTER NO. 5 (Continued) **S105954505**

Completed Date: 10/15/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/02/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/28/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 06/24/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 05/28/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/26/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 04/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/17/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 05/22/2002
Comments: Not reported

LOS ANGELES PRIMARY CENTER NO. 5 (Continued) **S105954505**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/18/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/15/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 04/05/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/04/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/06/2004
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

72
West
1/2-1
0.957 mi.
5051 ft.

ARLINGTON HEIGHTS ELEMENTARY SCHOOL
1717 SEVENTH AVENUE
LOS ANGELES, CA 90019

ENVIROSTOR
SCH

S105628623
N/A

Relative:
Lower

Actual:
192 ft.

ENVIROSTOR:

Facility ID:	19880019
Status:	No Further Action
Status Date:	04/10/2002
Site Code:	304300
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	5
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	54
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.04020
Longitude:	-118.3263
APN:	5072014902
Past Use:	RESIDENTIAL AREA
Potential COC:	Lead
Confirmed COC:	30013-NO
Potential Description:	SOIL
Alias Name:	ARLINGTON HEIGHTS ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	LAUSD-ARLINGTON HEIGHTS ELEMENTARY SCHL
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5072014902
Alias Type:	APN
Alias Name:	304300
Alias Type:	Project Code (Site Code)
Alias Name:	19880019
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:	04/10/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	07/05/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

ARLINGTON HEIGHTS ELEMENTARY SCHOOL (Continued) **S105628623**

Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/05/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/15/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/18/2002
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

SCH:

Facility ID: 19880019
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 5
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: Southern California Schools & Brownfields Outreach
Site Code: 304300
Assembly: 54
Senate: 30
Special Program Status: Not reported
Status: No Further Action
Status Date: 04/10/2002
Restricted Use: NO
Funding: School District
Latitude: 34.04020
Longitude: -118.3263

ARLINGTON HEIGHTS ELEMENTARY SCHOOL (Continued) **S105628623**

APN:	5072014902
Past Use:	RESIDENTIAL AREA
Potential COC:	Lead
Confirmed COC:	30013-NO
Potential Description:	SOIL
Alias Name:	ARLINGTON HEIGHTS ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	LAUSD-ARLINGTON HEIGHTS ELEMENTARY SCHL
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5072014902
Alias Type:	APN
Alias Name:	304300
Alias Type:	Project Code (Site Code)
Alias Name:	19880019
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:	04/10/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	07/05/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	07/05/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	12/15/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	04/18/2002
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported

ARLINGTON HEIGHTS ELEMENTARY SCHOOL (Continued) **S105628623**

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

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

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: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/15/2018
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: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/15/2018
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

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: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/15/2018
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: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
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: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/29/2018
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: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/29/2018
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: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
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: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
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: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
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: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
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: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

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: 05/14/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 11/26/2018
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: 07/31/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
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: 07/31/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
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: 06/18/2018
Date Data Arrived at EDR: 06/27/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 79

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

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: 07/30/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/31/2018
Next Scheduled EDR Contact: 11/12/2018
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: 07/30/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/31/2018
Next Scheduled EDR Contact: 11/12/2018
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: 08/08/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 14

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
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: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
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

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 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

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

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: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

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: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

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: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
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: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 26

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/10/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Quarterly

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: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

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: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

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: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

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: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

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: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 07/30/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/31/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 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: 06/22/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Varies

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: 06/25/2018
Date Data Arrived at EDR: 06/27/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 40

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

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: 06/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 10/01/2018
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: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 54

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 05/29/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 48

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/26/2018
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: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
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: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
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

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 08/03/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
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: 07/30/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/31/2018
Next Scheduled EDR Contact: 11/12/2018
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: 12/31/2017
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 55

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 10/22/2018
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: 05/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Quarterly

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 07/23/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/05/2018
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: 03/28/2018
Date Data Arrived at EDR: 05/25/2018
Date Made Active in Reports: 07/10/2018
Number of Days to Update: 46

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/10/2018
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

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 04/19/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 10

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

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

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 07/23/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

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: 05/31/2018
Date Data Arrived at EDR: 06/05/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 43

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
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: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Semi-Annually

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: 06/04/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 41

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
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: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

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: 04/06/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 51

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
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: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

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: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
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: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
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: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
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: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 11/26/2018
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: 03/01/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
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: 08/03/2018
Next Scheduled EDR Contact: 11/19/2018
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: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/19/2018
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: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 10/01/2018
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: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
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: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/07/2018
Next Scheduled EDR Contact: 12/17/2018
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: 05/01/2018
Date Data Arrived at EDR: 05/17/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 11/05/2018
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: 08/09/2018
Next Scheduled EDR Contact: 11/19/2018
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: 06/01/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 126

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 07/09/2018
Next Scheduled EDR Contact: 10/22/2018
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: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
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: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
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: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/23/2018
Next Scheduled EDR Contact: 11/05/2018
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: 09/07/2018
Next Scheduled EDR Contact: 12/17/2018
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: 09/04/2018
Next Scheduled EDR Contact: 12/17/2018
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: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 04/03/2018
Date Data Arrived at EDR: 04/05/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 85
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/15/2018
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: 08/09/2018
Next Scheduled EDR Contact: 11/12/2018
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: 03/31/2018
Date Data Arrived at EDR: 04/16/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 74

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
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: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
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: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
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: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 09/11/2018
Next Scheduled EDR Contact: 11/19/2018
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: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/20/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/15/2018
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: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
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: 05/03/2018
Date Data Arrived at EDR: 05/31/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/10/2018
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: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
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: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/21/2018
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 28

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
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: 09/02/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 06/19/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 87

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/29/2018
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: 01/04/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
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: 05/21/2018
Date Data Arrived at EDR: 05/23/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 107

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/22/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Quarterly

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: 06/25/2018
Date Data Arrived at EDR: 06/27/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 40

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 05/07/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 39

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA SAN FRANCISCO CO

Cupa facilities

Date of Government Version: 04/20/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 10

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

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: 05/31/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 06/25/2018
Date Data Arrived at EDR: 06/28/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 39

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: DRYCLEAN SOUTH COAST

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/16/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 08/22/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 10/01/2018
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: 08/01/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 36

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 48

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
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: 08/14/2018
Date Data Arrived at EDR: 08/16/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 25

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/26/2018
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: 12/31/2016
Date Data Arrived at EDR: 07/12/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 97

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 20

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 08/21/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/21/2018
Next Scheduled EDR Contact: 12/03/2018
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: 07/09/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 44

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
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: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 54

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

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: 05/23/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 08/09/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 31

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
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: 06/04/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/19/2018
Number of Days to Update: 43

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 54

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
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: 06/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
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: 04/27/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/13/2018
Next Scheduled EDR Contact: 12/24/2018
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 boards review found that more than one-third of the region’s active disposal pits are operating without permission.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
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: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
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: 06/25/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 37

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 93

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 07/23/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto 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 Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: 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: 08/03/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 30

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/06/2018
Date Data Arrived at EDR: 07/10/2018
Date Made Active in Reports: 09/11/2018
Number of Days to Update: 63

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 07/01/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 08/20/2018
Number of Days to Update: 27

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

BUTTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 08/02/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 08/20/2018
Number of Days to Update: 14

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/25/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 05/23/2018
Date Data Arrived at EDR: 05/24/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 50

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/11/2018
Number of Days to Update: 21

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 44

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/12/2018
Date Data Arrived at EDR: 07/12/2018
Date Made Active in Reports: 08/20/2018
Number of Days to Update: 39

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: 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: 07/11/2018
Date Data Arrived at EDR: 07/17/2018
Date Made Active in Reports: 08/30/2018
Number of Days to Update: 44

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/11/2018
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/22/2018
Number of Days to Update: 40

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/20/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 43

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/20/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 49

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: 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: 06/12/2018
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 28

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 08/08/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 08/22/2018
Number of Days to Update: 13

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/27/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 30

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AOCONCERN: 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: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/02/2018
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 59
Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/16/2018
Date Data Arrived at EDR: 07/18/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 37
Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/18/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 05/14/2018
Number of Days to Update: 13
Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 63
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Semi-Annually

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Annually

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/18/2018
Number of Days to Update: 13

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/23/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: 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: 05/22/2018
Date Data Arrived at EDR: 05/24/2018
Date Made Active in Reports: 07/31/2018
Number of Days to Update: 68

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 07/11/2018
Date Data Arrived at EDR: 07/17/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 57

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/30/2018
Date Data Arrived at EDR: 06/01/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 42

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 05/22/2018
Date Data Arrived at EDR: 05/24/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 50

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/30/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 34

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 07/02/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 05/23/2018
Date Data Arrived at EDR: 05/31/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 41

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/31/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 34

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 07/13/2018
Date Data Arrived at EDR: 08/08/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 33

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 07/13/2018
Date Data Arrived at EDR: 08/08/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 33

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/03/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 07/13/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 37

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/06/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/05/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 43

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 07/19/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/09/2018
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 42

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 07/09/2018
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 61

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 05/07/2018
Date Data Arrived at EDR: 07/03/2018
Date Made Active in Reports: 08/13/2018
Number of Days to Update: 41

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/03/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

ML SACRAMENTO: 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: 05/14/2018
Date Data Arrived at EDR: 07/03/2018
Date Made Active in Reports: 08/13/2018
Number of Days to Update: 41

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/03/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 08/07/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 27

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: 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: 07/27/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 41

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: 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: 06/04/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 41

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56
Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 31
Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

SAN DIEGO CO. SAM: 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: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: 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: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 06/07/2018
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 07/10/2018
Number of Days to Update: 28
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 17

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/12/2018
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 52

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/12/2018
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 08/13/2018
Number of Days to Update: 59

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: 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: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/17/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 16

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

HIST LUST SANTA CLARA: 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

LUST SANTA CLARA: 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: 08/24/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Annually

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/11/2018
Number of Days to Update: 36
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90
Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51
Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/08/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 40
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 07/12/2018
Number of Days to Update: 30
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 06/19/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 21

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/21/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/03/2018
Date Data Arrived at EDR: 07/10/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 45

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/21/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 08/14/2018
Date Data Arrived at EDR: 08/16/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 8

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/08/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 33

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 36

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 45

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 04/17/2018
Number of Days to Update: 26

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 09/13/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: 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: 07/02/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 41

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/23/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

LF VENTURA: 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: 06/27/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Annually

LUST VENTURA: 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: 08/07/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Quarterly

MED WASTE VENTURA: 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: 07/02/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 29
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/23/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 04/26/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 28
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 06/20/2018
Date Data Arrived at EDR: 07/03/2018
Date Made Active in Reports: 07/12/2018
Number of Days to Update: 9
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 05/10/2018
Date Data Arrived at EDR: 05/15/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 31
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/12/2018
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: 08/10/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 31
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/01/2018
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
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: 07/01/2018
Date Data Arrived at EDR: 08/01/2018
Date Made Active in Reports: 08/31/2018
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/12/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/21/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/24/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

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 and Wildlife
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

LABOE WESTERN
1819 S WESTERN AVE
LOS ANGELES, CA 90019

TARGET PROPERTY COORDINATES

Latitude (North):	34.041126 - 34° 2' 28.05''
Longitude (West):	118.309343 - 118° 18' 33.63''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	379136.6
UTM Y (Meters):	3767294.5
Elevation:	207 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5630741 HOLLYWOOD, 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 principle 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).

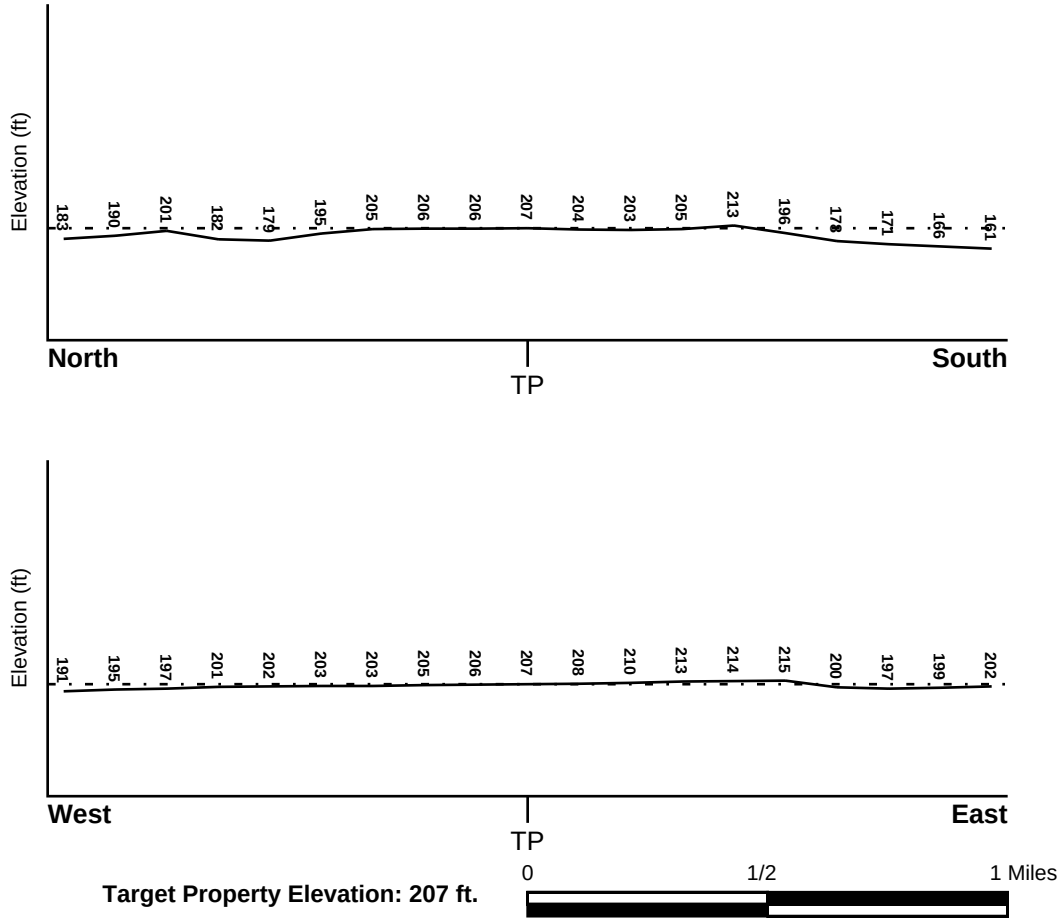
TOPOGRAPHIC INFORMATION

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 WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 207 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

Flood Plain Panel at Target Property	FEMA Source Type
06037C1620F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06037C1615F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
HOLLYWOOD	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
Status:	Not found

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	0 - 1/8 Mile SSE	Not Reported
1G	0 - 1/8 Mile SSE	Not Reported

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: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Surficial Soil Types:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Shallow Soil Types:
fine sandy loam
gravelly - loam
sandy clay
sandy clay loam
clay
silty clay
sand

Deeper Soil Types:
gravelly - sandy loam
sandy loam
very gravelly - sandy loam
stratified
very fine sandy loam
weathered bedrock
sand
gravelly - fine sandy loam
silty clay loam
clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
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
1	CAOG11000205179	0 - 1/8 Mile NW
2	CAOG11000204848	1/2 - 1 Mile NW
A4	CAOG11000193323	1/2 - 1 Mile SSW
A3	CAOG11000193322	1/2 - 1 Mile SSW
A5	CAOG11000193321	1/2 - 1 Mile SSW
A8	CAOG11000193320	1/2 - 1 Mile SSW
A7	CAOG11000193319	1/2 - 1 Mile SSW
A6	CAOG11000193318	1/2 - 1 Mile SSW
A9	CAOG11000193317	1/2 - 1 Mile SSW
A11	CAOG11000188710	1/2 - 1 Mile SSW
A10	CAOG11000188709	1/2 - 1 Mile SSW
A12	CAOG11000188716	1/2 - 1 Mile SSW
A13	CAOG11000188717	1/2 - 1 Mile SSW
A14	CAOG11000188715	1/2 - 1 Mile SSW

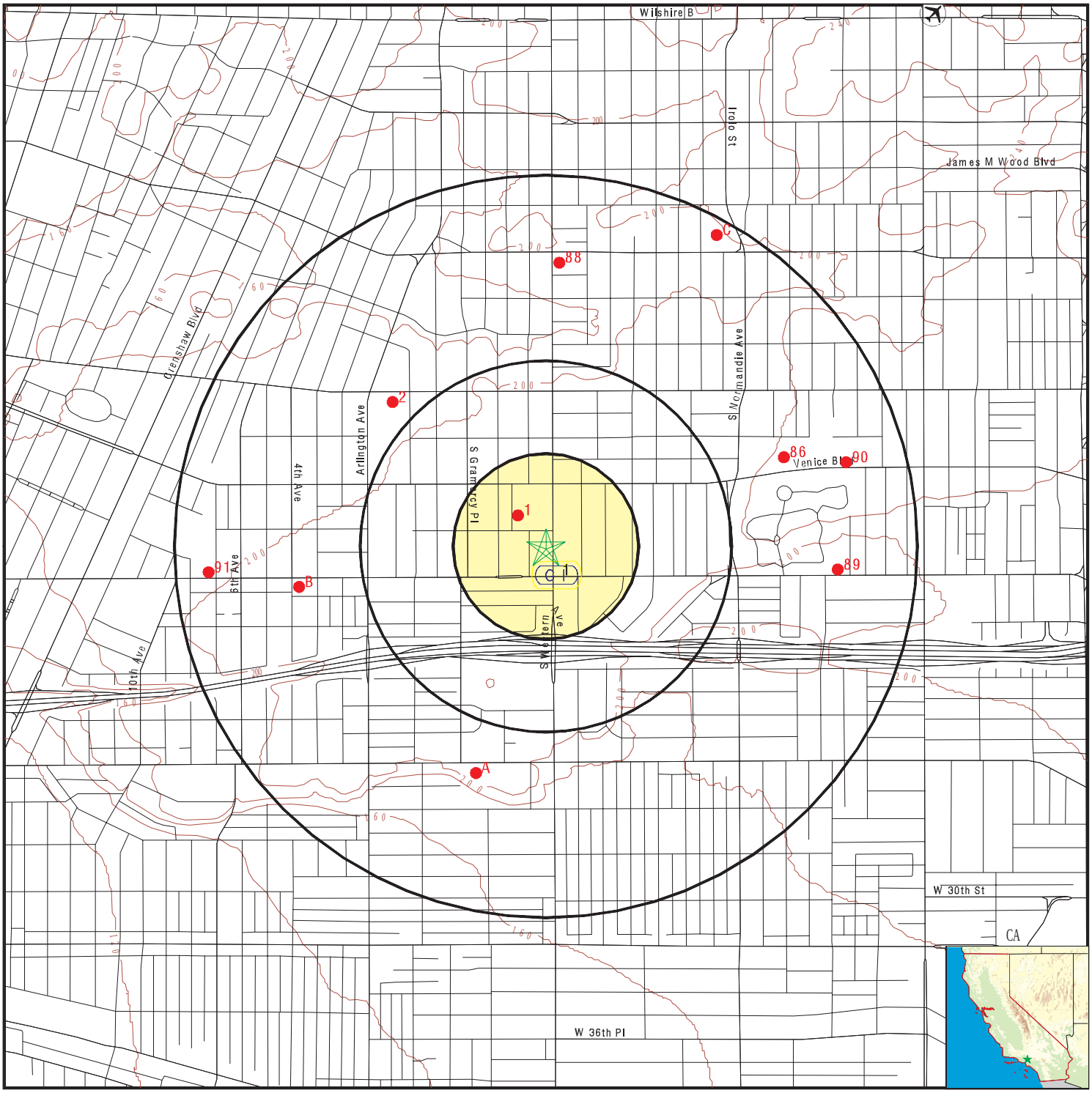
STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A15	CAOG11000188711	1/2 - 1 Mile SSW
A17	CAOG11000188713	1/2 - 1 Mile SSW
A16	CAOG11000188712	1/2 - 1 Mile SSW
A19	CAOG11000217052	1/2 - 1 Mile SSW
A18	CAOG11000217051	1/2 - 1 Mile SSW
A20	CAOG11000299508	1/2 - 1 Mile SSW
A21	CAOG11000188714	1/2 - 1 Mile SSW
A22	CAOG11000298226	1/2 - 1 Mile SSW
A23	CAOG11000188722	1/2 - 1 Mile SSW
A26	CAOG11000188721	1/2 - 1 Mile SSW
A27	CAOG11000188720	1/2 - 1 Mile SSW
A24	CAOG11000188719	1/2 - 1 Mile SSW
A25	CAOG11000188718	1/2 - 1 Mile SSW
A29	CAOG11000217104	1/2 - 1 Mile SSW
A28	CAOG11000217103	1/2 - 1 Mile SSW
A31	CAOG11000188725	1/2 - 1 Mile SSW
A30	CAOG11000188724	1/2 - 1 Mile SSW
A32	CAOG11000188729	1/2 - 1 Mile SSW
A33	CAOG11000188730	1/2 - 1 Mile SSW
A34	CAOG11000188723	1/2 - 1 Mile SSW
A35	CAOG11000298225	1/2 - 1 Mile SSW
A37	CAOG11000188736	1/2 - 1 Mile SSW
A36	CAOG11000188735	1/2 - 1 Mile SSW
A38	CAOG11000188727	1/2 - 1 Mile SSW
A39	CAOG11000188726	1/2 - 1 Mile SSW
A42	CAOG11000035271	1/2 - 1 Mile SSW
A41	CAOG11000035270	1/2 - 1 Mile SSW
A40	CAOG11000035269	1/2 - 1 Mile SSW
A43	CAOG11000188728	1/2 - 1 Mile SSW
A45	CAOG11000188732	1/2 - 1 Mile SSW
A44	CAOG11000188731	1/2 - 1 Mile SSW
A46	CAOG11000188680	1/2 - 1 Mile SSW
A48	CAOG11000193202	1/2 - 1 Mile SSW
A47	CAOG11000193201	1/2 - 1 Mile SSW
A49	CAOG11000188734	1/2 - 1 Mile SSW
A50	CAOG11000188733	1/2 - 1 Mile SSW
A51	CAOG11000193203	1/2 - 1 Mile SSW
A52	CAOG11000193240	1/2 - 1 Mile SSW
A53	CAOG11000193204	1/2 - 1 Mile SSW
B55	CAOG11000035263	1/2 - 1 Mile West
B54	CAOG11000035262	1/2 - 1 Mile West
B57	CAOG11000035268	1/2 - 1 Mile West
B56	CAOG11000035267	1/2 - 1 Mile West
B58	CAOG11000035264	1/2 - 1 Mile West
B59	CAOG11000188665	1/2 - 1 Mile West
B61	CAOG11000188664	1/2 - 1 Mile West
B60	CAOG11000188663	1/2 - 1 Mile West
B62	CAOG11000188669	1/2 - 1 Mile West
B63	CAOG11000188670	1/2 - 1 Mile West
B64	CAOG11000035261	1/2 - 1 Mile West
B65	CAOG11000188668	1/2 - 1 Mile West
B66	CAOG11000188666	1/2 - 1 Mile West
B67	CAOG11000188659	1/2 - 1 Mile West
B68	CAOG11000188656	1/2 - 1 Mile West
B69	CAOG11000188657	1/2 - 1 Mile West
B70	CAOG11000188658	1/2 - 1 Mile West

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B71	CAOG11000188660	1/2 - 1 Mile West
B72	CAOG11000188661	1/2 - 1 Mile West
B73	CAOG11000188662	1/2 - 1 Mile West
B74	CAOG11000188671	1/2 - 1 Mile West
B75	CAOG11000188679	1/2 - 1 Mile West
B77	CAOG11000035266	1/2 - 1 Mile West
B76	CAOG11000035265	1/2 - 1 Mile West
B79	CAOG11000188676	1/2 - 1 Mile West
B78	CAOG11000188675	1/2 - 1 Mile West
B80	CAOG11000188667	1/2 - 1 Mile West
B82	CAOG11000188673	1/2 - 1 Mile West
B83	CAOG11000188674	1/2 - 1 Mile West
B81	CAOG11000188672	1/2 - 1 Mile West
B85	CAOG11000188678	1/2 - 1 Mile West
B84	CAOG11000188677	1/2 - 1 Mile West
86	CAOG11000205177	1/2 - 1 Mile ENE
B87	CAOG11000200753	1/2 - 1 Mile West
88	CAOG11000205178	1/2 - 1 Mile North
89	CAOG11000200868	1/2 - 1 Mile East
90	CAOG11000205175	1/2 - 1 Mile ENE
91	CAOG11000213957	1/2 - 1 Mile West
C92	CAOG11000205263	1/2 - 1 Mile NNE
C93	CAOG11000205264	1/2 - 1 Mile NNE

PHYSICAL SETTING SOURCE MAP - 05426386.2r



- 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: LABOE Western	CLIENT: AECOM
ADDRESS: 1819 S Western Ave Los Angeles CA 90019	CONTACT: Jessica Himebauch INQUIRY #: 05426386.2r
LAT/LONG: 34.041126 / 118.309343	DATE: September 17, 2018 5:18 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
1 **SSE** **0 - 1/8 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	900570061 Not Reported 8.37 12 Not Reported 08/07/1996	**AQUIFLOW**	**55206**
1G **SSE** **0 - 1/8 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	900570061 Not Reported 8.37 12 Not Reported 08/07/1996	**AQUIFLOW**	**55206**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
NW
0 - 1/8 Mile

OIL_GAS **CAOG11000205179**

Districtnu:	1	Apinumber:	03706200
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Union Oil Company of California	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Union-Signal-Texam U-19	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:	CAOG11000205179		

2
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000204848**

Districtnu:	1	Apinumber:	03705690
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Union Oil Company of California	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Las Cienegas Core Hole	Wellnumber:	25
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:	CAOG11000204848		

A4
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000193323**

Districtnu:	1	Apinumber:	03721224
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	208.273	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	27

Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193323		

A3
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000193322**

Districtnu:	1	Apinumber:	03721224
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	208.273	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	27
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193322		

A5
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000193321**

Districtnu:	1	Apinumber:	03721223
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	208.567	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	26
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000193321		

A8
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000193320**

Districtnu:	1	Apinumber:	03721222
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A

Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	209.271	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	25
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193320		

A7
SSW **OIL_GAS** **CAOG11000193319**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03721222
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	209.271	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	25
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193319		

A6
SSW **OIL_GAS** **CAOG11000193318**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03721222
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	209.271	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	25
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193318		

Map ID
Direction
Distance

Database EDR ID Number

A9
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000193317**

Districtnu:	1	Apinumber:	03721221
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	208.685	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	24
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000193317		

A11
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188710**

Districtnu:	1	Apinumber:	03700369
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	208.823	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188710		

A10
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188709**

Districtnu:	1	Apinumber:	03700369
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	208.823	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	1

Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188709		

A12
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188716**

Districtnu:	1	Apinumber:	03700373
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	207.656	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188716		

A13
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188717**

Districtnu:	1	Apinumber:	03700373
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	207.656	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188717		

A14
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188715**

Districtnu:	1	Apinumber:	03700372
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A

Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	210.58	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188715		

A15
SSW **OIL_GAS** **CAOG11000188711**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03700370
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	205.914	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188711		

A17
SSW **OIL_GAS** **CAOG11000188713**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03700370
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	205.914	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188713		

Map ID
Direction
Distance

Database EDR ID Number

A16
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188712**

Districtnu:	1	Apinumber:	03700370
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	205.914	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188712		

A19
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000217052**

Districtnu:	1	Apinumber:	03726957
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	GL@206’	Locationde:	KB @ 12’
Gissourcec:	gps	Comments:	Not Reported
Leasename:	Murphy	Wellnumber:	30
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000217052		

A18
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000217051**

Districtnu:	1	Apinumber:	03726957
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	GL@206’	Locationde:	KB @ 12’
Gissourcec:	gps	Comments:	Not Reported
Leasename:	Murphy	Wellnumber:	30

Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000217051		

A20
SSW **OIL_GAS** **CAOG11000299508**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03730170
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	N
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	KB 210		
Locationde:	Well 206’ ely along property line and 137’ sly at right angles to said line from the center line corner of property Adams Street.		
Gissourcec:	noi	Comments:	Not Reported
Leasename:	Murphy	Wellnumber:	33
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	09-DEC-13
Welldeptha:	4353	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000299508		

A21
SSW **OIL_GAS** **CAOG11000188714**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03700371
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	206.524	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188714		

Map ID
Direction
Distance

Database EDR ID Number

A22
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000298226**

Districtnu:	1	Apinumber:	03730130
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	N
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	KB 210		
Locationde:	Well 198’ ELY along section property line and 137’ SLY at right angles to said line from the Centerline of property intersection of Gramercy and Adam St.		
Gissourcec:	noi		
Comments:	Well is directionally drilled show proposed coordinates from surface location and true vertical depth at total depth: 673’ south and 692’ west. Estimated true vertical depth 3,798’.		
Leasename:	Murphy	Wellnumber:	40
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	NWF
Site id:	CAOG11000298226		

A23
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188722**

Districtnu:	1	Apinumber:	03700375
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	206.629	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188722		

A26
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188721**

Districtnu:	1	Apinumber:	03700374
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S

Range:	14W	Basemeridi:	SB
Elevation:	206.936	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3118	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188721		

A27
SSW **OIL_GAS** **CAOG11000188720**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03700374
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	206.936	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3118	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188720		

A24
SSW **OIL_GAS** **CAOG11000188719**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03700374
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	206.936	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3118	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188719		

Map ID
Direction
Distance

Database EDR ID Number

A25
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188718**

Districtnu:	1	Apinumber:	03700374
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	206.936	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3118	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188718		

A29
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000217104**

Districtnu:	1	Apinumber:	03727007
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	gps	Comments:	Not Reported
Leasename:	Murphy	Wellnumber:	31
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3849	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000217104		

A28
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000217103**

Districtnu:	1	Apinumber:	03727007
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	gps	Comments:	Not Reported
Leasename:	Murphy	Wellnumber:	31

Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3849	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000217103		

A31
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188725**

Districtnu:	1	Apinumber:	03700377
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	209.111	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188725		

A30
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188724**

Districtnu:	1	Apinumber:	03700377
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	209.111	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188724		

A32
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188729**

Districtnu:	1	Apinumber:	03700381
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A

Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	207.78	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	9442	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188729		

A33
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188730**

Districtnu:	1	Apinumber:	03700381
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	207.78	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	9442	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188730		

A34
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188723**

Districtnu:	1	Apinumber:	03700376
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	207.601	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188723		

Map ID
Direction
Distance

Database EDR ID Number

A35
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000298225**

Districtnu:	1	Apinumber:	03730129
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	N
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	KB 210		
Locationde:	Well 166’ ELY along section property line and 137’ SLY at right angles to said line from the Centerline of property intersection of Gramercy and Adam St.		
Gissourcec:	sum		
Comments:	Well is directionally drilled show proposed coordinates from surface location and true vertical depth at total depth: 958’ south and 1477’ east. Estimated true vertical depth 4748’		
Leasename:	Murphy	Wellnumber:	37
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	27-DEC-13
Welldeptha:	5500	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	13-JAN-14
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000298225		

A37
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188736**

Districtnu:	1	Apinumber:	03700385
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	206.559	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3833	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188736		

A36
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188735**

Districtnu:	1	Apinumber:	03700385
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S

Range:	14W	Basemeridi:	SB
Elevation:	206.559	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3833	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188735		

A38
SSW **OIL_GAS** **CAOG11000188727**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03700379
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	206.144	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3598	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188727		

A39
SSW **OIL_GAS** **CAOG11000188726**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03700378
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	204.889	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188726		

Map ID
Direction
Distance

Database EDR ID Number

A42
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000035271**

Districtnu:	1	Apinumber:	03700291
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	206.041	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000035271		

A41
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000035270**

Districtnu:	1	Apinumber:	03700291
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	206.041	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000035270		

A40
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000035269**

Districtnu:	1	Apinumber:	03700291
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	206.041	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	10

Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000035269		

A43
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188728**

Districtnu:	1	Apinumber:	03700380
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	207.42	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188728		

A45
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188732**

Districtnu:	1	Apinumber:	03700382
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	209.752	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	APM
Site id:	CAOG11000188732		

A44
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188731**

Districtnu:	1	Apinumber:	03700382
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A

Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	209.752	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	APM
Site id:	CAOG11000188731		

A46
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188680**

Districtnu:	1	Apinumber:	03700322
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	207.145	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	19
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188680		

A48
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000193202**

Districtnu:	1	Apinumber:	03720954
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	206.852	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	20
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193202		

Map ID
Direction
Distance

Database EDR ID Number

A47
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000193201**

Districtnu:	1	Apinumber:	03720954
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	206.852	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	20
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193201		

A49
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188734**

Districtnu:	1	Apinumber:	03700384
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	206.559	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188734		

A50
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188733**

Districtnu:	1	Apinumber:	03700383
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	206.535	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	16

Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188733		

A51
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000193203**

Districtnu:	1	Apinumber:	03720955
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	207.038	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000193203		

A52
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000193240**

Districtnu:	1	Apinumber:	03721072
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	209.123	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	22
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000193240		

A53
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000193204**

Districtnu:	1	Apinumber:	03720967
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A

Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	2	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	207.148	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Murphy	Wellnumber:	23
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000193204		

B55
West
1/2 - 1 Mile

OIL_GAS **CAOG11000035263**

Districtnu:	1	Apinumber:	03700287
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Good Shepherd
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	204.412	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Good Shepherd	Wellnumber:	6A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PWD
Site id:	CAOG11000035263		

B54
West
1/2 - 1 Mile

OIL_GAS **CAOG11000035262**

Districtnu:	1	Apinumber:	03700287
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Good Shepherd
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	204.412	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Good Shepherd	Wellnumber:	6A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PWD
Site id:	CAOG11000035262		

Map ID
Direction
Distance

Database EDR ID Number

B57
West
1/2 - 1 Mile

OIL_GAS **CAOG11000035268**

Districtnu:	1	Apinumber:	03700290
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	205.191	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000035268		

B56
West
1/2 - 1 Mile

OIL_GAS **CAOG11000035267**

Districtnu:	1	Apinumber:	03700290
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	205.191	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000035267		

B58
West
1/2 - 1 Mile

OIL_GAS **CAOG11000035264**

Districtnu:	1	Apinumber:	03700288
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	210.588	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	7

Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3729	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000035264		

B59
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188665**

Districtnu:	1	Apinumber:	03700312
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	203.993	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000188665		

B61
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188664**

Districtnu:	1	Apinumber:	03700311
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Good Shepherd
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	204.395	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Good Shepherd	Wellnumber:	5A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188664		

B60
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188663**

Districtnu:	1	Apinumber:	03700311
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A

Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Good Shepherd
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	204.395	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Good Shepherd	Wellnumber:	5A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188663		

B62
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188669**

Districtnu:	1	Apinumber:	03700316
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	204.989	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188669		

B63
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188670**

Districtnu:	1	Apinumber:	03700316
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	204.989	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188670		

Map ID
Direction
Distance

Database EDR ID Number

B64
West
1/2 - 1 Mile

OIL_GAS **CAOG11000035261**

Districtnu:	1	Apinumber:	03700286
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	204.604	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000035261		

B65
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188668**

Districtnu:	1	Apinumber:	03700315
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	205.068	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188668		

B66
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188666**

Districtnu:	1	Apinumber:	03700313
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	204.702	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	8

Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188666		

B67
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188659**

Districtnu:	1	Apinumber:	03700308
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	205.604	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188659		

B68
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188656**

Districtnu:	1	Apinumber:	03700307
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	206.833	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	4425	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188656		

B69
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188657**

Districtnu:	1	Apinumber:	03700307
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A

Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	206.833	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	4425	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188657		

B70
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188658**

Districtnu:	1	Apinumber:	03700307
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	206.833	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	4425	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188658		

B71
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188660**

Districtnu:	1	Apinumber:	03700309
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	205.233	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188660		

Map ID
Direction
Distance

Database EDR ID Number

B72
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188661**

Districtnu:	1	Apinumber:	03700310
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	203.974	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188661		

B73
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188662**

Districtnu:	1	Apinumber:	03700310
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Murphy
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	203.974	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188662		

B74
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188671**

Districtnu:	1	Apinumber:	03700317
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	204.11	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	11

Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188671		

B75
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188679**

Districtnu:	1	Apinumber:	03700321
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Union Oil Company of California	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	202.698	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	17
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:	CAOG11000188679		

B77
West
1/2 - 1 Mile

OIL_GAS **CAOG11000035266**

Districtnu:	1	Apinumber:	03700289
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	204.705	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000035266		

B76
West
1/2 - 1 Mile

OIL_GAS **CAOG11000035265**

Districtnu:	1	Apinumber:	03700289
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P

Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	204.705	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000035265		

B79
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188676**

Districtnu:	1	Apinumber:	03700319
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	203.481	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188676		

B78
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188675**

Districtnu:	1	Apinumber:	03700319
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	203.481	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188675		

Map ID
Direction
Distance

Database EDR ID Number

B80
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188667**

Districtnu:	1	Apinumber:	03700314
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Union Oil Company of California	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	201.776	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	9A
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:	CAOG11000188667		

B82
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188673**

Districtnu:	1	Apinumber:	03700318
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	203.733	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188673		

B83
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188674**

Districtnu:	1	Apinumber:	03700318
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	203.733	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	13

Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188674		

B81
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188672**

Districtnu:	1	Apinumber:	03700318
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	203.733	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000188672		

B85
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188678**

Districtnu:	1	Apinumber:	03700320
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	207.504	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188678		

B84
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188677**

Districtnu:	1	Apinumber:	03700320
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A

Operatorna:	Freeport-McMoRan Oil & Gas LLC	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	207.504	Locationde:	Not Reported
Gissourcec:	gps	Comments:	38208249.cor
Leasename:	Fourth Avenue	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000188677		

86
ENE **OIL_GAS** **CAOG11000205177**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03706198
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Union Oil Company of California	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	36	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Union-Signal Loyola E.H.	Wellnumber:	31
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:	CAOG11000205177		

B87
West **OIL_GAS** **CAOG11000200753**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03700305
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Union Oil Company of California	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Las Cienegas Core Hole	Wellnumber:	24
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:	CAOG11000200753		

Map ID
Direction
Distance

Database EDR ID Number

88
North
1/2 - 1 Mile

OIL_GAS **CAOG11000205178**

Districtnu:	1	Apinumber:	03706199
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Union Oil Company of California	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	25	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Union-Signal-Standard E.H.	Wellnumber:	29
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:	CAOG11000205178		

89
East
1/2 - 1 Mile

OIL_GAS **CAOG11000200868**

Districtnu:	1	Apinumber:	03700513
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Union Oil Company of California	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	36	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Union-Signal E.H.	Wellnumber:	30
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:	CAOG11000200868		

90
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000205175**

Districtnu:	1	Apinumber:	03706196
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Union Oil Company of California	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	36	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Union-Signal E.H.	Wellnumber:	28A

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:	CAOG11000205175		

91
West
1/2 - 1 Mile

OIL_GAS **CAOG11000213957**

Districtnu:	1	Apinumber:	03719207
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Union Oil Company of California	Countyname:	Los Angeles
Fieldname:	Las Cienegas	Areaname:	Fourth Avenue
Section:	35	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Core Hole	Wellnumber:	14
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:	CAOG11000213957		

C92
NNE
1/2 - 1 Mile

OIL_GAS **CAOG11000205263**

Districtnu:	1	Apinumber:	03706339
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	25	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Standard-Occidental Wilton Cor	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:	CAOG11000205263		

C93
NNE
1/2 - 1 Mile

OIL_GAS **CAOG11000205264**

Districtnu:	1	Apinumber:	03706340
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	25	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Standard-Occidental Wilton Cor	Wellnumber:	3A
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:	CAOG11000205264		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90019	22	0

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 90019

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.000 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 was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

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 and Wildlife
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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ATTACHMENT F – NOISE INFORMATION

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AECOM
300 S Grand Avenue,
Los Angeles, CA 90071
www.aecom.com

213.593.8100 tel
213.593.8053 fax

Memorandum

To	Ms. Heloise Froelich Environmental Management Group Bureau of Engineering, Department of Public Works Pages 14
Subject	Bridge Housing Project (Council District 10 – 1819 S. Western Avenue): Noise Technical Memorandum
From	Mark Storm, AECOM
Date	October 15, 2018

Introduction

This technical memorandum describes a predictive noise impact assessment for the Bridge Housing Project (proposed project) to be located at 1819 S. Western Avenue in the South Los Angeles Community Plan Area (Council District 10) of the City of Los Angeles, Los Angeles County, California (subject property). The proposed project consists of a temporary change in use from a publicly-owned parking lot which is part of the larger parking lot used by the Council District 10 Office. Associated Assessor Parcel Nos. (APNs) are 5073-013-900 (two tied lots), 5073-013-901, and 5073-013-902. The proposed project site is comprised of four (4) lots that total approximately 25,506 square feet (SF), including the Council Office building. There are intermittent trees in the parking lot. The proposed project would include the addition of a 24-foot by 120-foot trailer (total of 2,880 square feet [SF]) to the parking lot of the Council Office. The trailer will be equipped with a 15-bed sleeping and lounging area with two offices, one employee restroom, one resident restroom, and storage/laundry facilities. In addition, outside will be a free-standing area with a shade structure over three picnic tables and a food preparation area that includes a small sink. Also included is a new pedestrian gate, new chain link fencing and green screen fence on northern edge of site, dog run area, and new landscaping. Nineteen (19) parking spaces will remain to serve the Council Office and shelter staff and operational support services. The construction of this project will be subject to all applicable codes and regulations. The analysis in this document assumes that, unless otherwise stated, the proposed project will be designed, constructed and operated following all applicable laws, regulations, ordinances and formally adopted City standards including, but not limited to:

- Los Angeles Municipal Code
- Bureau of Engineering Standard Plans
- Standard Specifications for Public Works Construction
- Work Area Traffic Control Handbook
- Additions and Amendments to the Standard Specifications for Public Works Construction

Purpose

The purpose of this predictive noise impact assessment is to determine whether temporary noise and vibration emission due to proposed project construction activities, or noise due to operation of proposed project stationary sound sources, would have adverse effects on noise-sensitive land uses (NSLU) in the surrounding community.

Technical Fundamentals

Noise

Noise, generally defined as unwanted sound, is measured and expressed in decibels (dB) to conveniently discuss quantities across the wide range of human hearing capacity. To better approximate the range of sensitivity of the human ear to sounds of different frequencies, standard "A-weighting" dB adjustments can be applied to measured sound levels that de-emphasize low frequencies and very high frequencies. When such A-weighting is used, the dB levels are noted with a "dBA" descriptor. While a 10 dBA increase in sound level represents a ten-fold increase of sound energy, average healthy human hearing perceives such an order of magnitude increase as a doubling of loudness. Noise levels from point-type sources (e.g., a stationary air-conditioning [AC] unit) attenuate hemi-spherically at a rate of about 6 dB per doubling of distance, while line-type sources (roadway noise) attenuates cylindrically at a rate of about 3 dB per doubling of distance. For purposes of illustration, a stationary AC unit might produce 60 dBA at a distance of 15 feet; therefore, its sound level at a distance of 60 feet would be 48 dBA (i.e., each doubling of distance from this point-type source lowers the sound level by 6 dBA).

The following glossary of acoustical terms and definitions will assist to frame the discussion of proposed project generated noises and their potential effect on the neighboring community.

- Sound – For purposes of this analysis, sound is a physical phenomenon generated by vibrations that result in waves that travel through a medium, such as air, and result in auditory perception by the human brain. The frequency of these vibrations, often referred to as pitch, is expressed in units of cycles per second or Hertz (Hz). Lower-pitch sound is often characterized as a "rumble", while "hiss" tends to describe a higher pitch as perceived by healthy human hearing.

- Amplitude or Level – Is measured in decibels (dB) using a logarithmic scale. A sound level of zero dB is approximately the threshold of human hearing and is barely audible under extremely quiet listening conditions. Normal speech has a sound level of approximately 60 dB. Sound levels above approximately 110 dB begin to be felt inside the human ear as discomfort and eventually pain at 120 dB and higher levels. The minimum change in the sound level of individual events that an average human ear can detect is about 1 to 2 dB. A 3 to 5 dB change is readily perceived. A change in sound level of about 10 dB is usually perceived by the average person as a doubling (or if decreasing by 10 dB, halving) of the sound's loudness.

- Sound pressure – Sound level is usually expressed by reference to a known standard. This report refers to sound pressure level (SPL), which is expressed on a logarithmic scale with respect to a reference value of 20 micropascals (μPa). SPL depends not only on the power of the source, but also on the distance from the source and on the acoustical characteristics of the space surrounding the source.

- Equivalent sound level – Environmental noise levels vary continuously and include a mixture of noise from near and distant sources. A single descriptor, L_{eq}, may be used to describe such sound that is changing in level from one moment to another. L_{eq} is the energy-average sound level during a measured time interval. It is the "equivalent" constant sound level that would have to be produced by a single, steady source to equal the acoustic energy contained in the fluctuating sound level measured.

- Statistical sound level – A sound level exceeded for a cumulative "n" percentage of a measurement or studied time period, such as L_{10}, L_{50} or L_{90}. The L_{50} value is often referred to as the "median" sound level, while L_{90} is commonly called the "background" level as it typically represents acoustical contribution from continuous or "steady-state" sound sources and the perceived indistinct din of background noise due to the amalgamation of many contributing distant sound sources in the environment.

- Community Noise Equivalent Level (CNEL) – CNEL is an average sound level during a 24-hour period, but reflects heightened human sensitivity to evening and nighttime hours as follows: 5 dBA added to hourly sound levels in the evening from 7:00 p.m. to 10:00 p.m.; and, 10 dBA added to hourly sound levels at night from 10:00 p.m. to 7:00 a.m. Because CNEL accounts for human sensitivity to sound in this manner, the CNEL 24-hour value is always higher than an energy-averaged 24-hour Leq for the same time period.

- Day-night sound level (L_{dn}) – This value is similar to CNEL, except that only a 10 dBA penalty is added to hourly L_{eq} values from 10:00 p.m. to 7:00 a.m.; i.e., it omits the 5 dBA penalty for 7:00 p.m. to 10:00 p.m. that exists for the CNEL value calculation.

Vibration

Vibration is an oscillatory motion through a solid medium in which amplitude can be described in terms of displacement, velocity, or acceleration. The average vibration amplitude (the root mean square [RMS] velocity) is the most appropriate descriptor for gauging human response to typical ground vibration. As with airborne sound, the RMS vibration velocity level is often expressed in dB notation as vibration dB (VdB), which serves to compress the range of numbers required to describe vibration. This VdB scale is based on a reference value of 1 micro-inch per second. According to Federal Transit Administration (FTA) guidance, the background vibration velocity level typical of residential areas is approximately 50 VdB (FTA 2006). Groundborne vibration is normally perceptible to humans at approximately 65 VdB. For most people, a vibration-velocity level of 75 VdB is the approximate dividing line between barely perceptible and distinctly perceptible levels (FTA 2006).

Site Setting

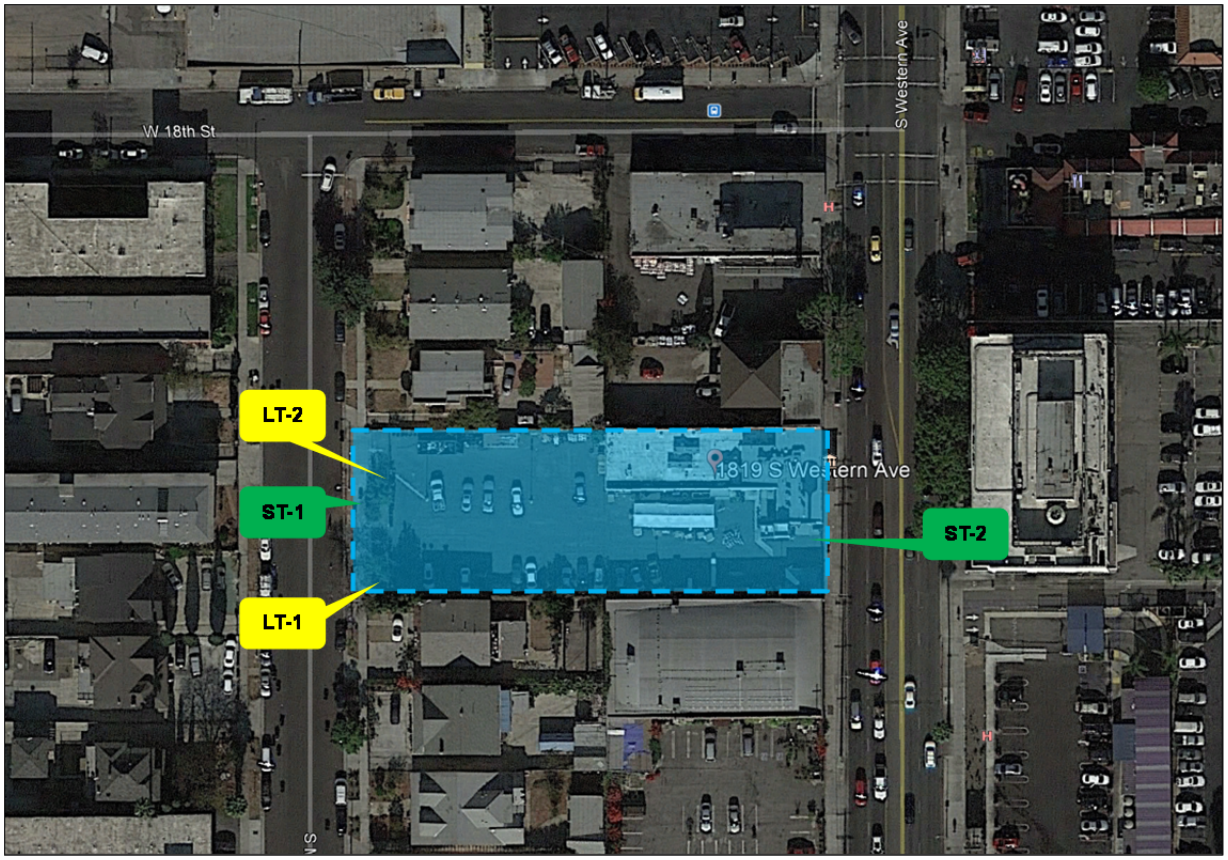
The subject property is located in a mixed residential/commercial area of Los Angeles, California that correspondingly has an existing outdoor sound environment characterized by a combination of sources including near and distant roadway traffic; aircraft overflights; children playing outdoors; tree leaves rustling during gusts of wind; operating heating, ventilation systems; intermittent high-pitched tones; dog barks; speech; and an amalgam of other audible but indistinct sources. Land uses that surround the proposed project include commercial and multi-family residential properties, the latter of which would be considered NSLU and hence the focus of this environmental effect assessment.

Existing Outdoor Sound Environment

At the request of the City of Los Angeles, a field survey of baseline outdoor ambient SPL was performed in the proposed project vicinity over a consecutive two-day period of September 27-28, 2018. The survey included deployment of two “long-term” (LT) unattended American National Standards Institute (ANSI) Type 1 SPL monitors (Larson-Davis Model 820 Sound Level Meter [SLM], with serial numbers [SN] 1655 and 1573), which between calibration status checks operated continuously for at least twenty-four (24) sequential hours. The aim of these deployed unattended LT monitors is to continuously measure outdoor ambient sound during the field survey period, which should include sound from nearby roadway traffic on local streets and stationary sources (e.g., operating HVAC systems). As shown in plots of SPL with elapsed time in Attachment 1, data from the LT monitors helps inform how the outdoor ambient sound environment changes throughout a sample diurnal cycle.

Additionally, “short-term” (ST) SPL measurements of approximately 14–20 minutes in duration were attended by an AECOM field investigator, using a Larson-Davis Model 720 SLM (SN: 0436) and a Larson-Davis Model LxT (SN: 4485). With the AECOM investigator present, witnessed and/or perceived sound sources of the outdoor ambient environment can be observed, documented, and correlated with the collected SPL data. Attachment 2 provides a table of photographs that document the locations of the LT monitors and sample ST positions. These field survey locations appear superimposed on an aerial image of the proposed project vicinity in Figure 1. Table 1 presents a summary of the collected ST measurement data, listed by survey location. ST measurements were conducted on successive afternoons to help show consistency in SPL quantifying the outdoor sound environment at the two representative positions (ST-1 and ST-2).

Summarized results in Table 1 support the expectation that outdoor ambient noise is dominated by roadway traffic, with SPL metrics at ST-2 being substantially higher than those for ST-1 due to the former field survey position being much closer to S. Western Avenue and its observed high volumes of roadway traffic.



Source: Google Earth (2018)

Figure 1. Field survey long-term (LT, yellow callout) and short-term (ST, green callout) sound pressure level (SPL) measurement locations (project site within blue dashes).

Table 1. Summary of Surveyed Short-term (ST) and Long-term (LT) Sound Pressure Level (SPL) Data

Survey Location Tag	Address or Location Description (distance to nearest roadway curb)	Measurement Date (mm:dd:yy) and Duration: Start and End (hh:mm)	L_{eq} (dBA)[A]	L_{90} (dBA)[A]	Survey Notes (e.g., Observed Sound Sources [bold = apparently dominant when observed])
LT-1	External to southwest corner of western parking lot wall, along Manhattan Place	09/27/18; 14:35 09/28/18; 17:05	43 to 67 (L_{day} = 59)[B]	40 to 62	**Roadway traffic**, dog barks, onsite trash container unloading
LT-2	External to midpoint of western parking lot wall, along Manhattan Place	09/27/18; 14:50 09/28/18; 17:00	46 to 74 (L_{day} = 60)[B]	43 to 56	**Roadway traffic**, dog barks, onsite trash container unloading
ST-1	On eastern sidewalk of Manhattan Place, adjoining proposed project site	09/27/18 15:03 – 15:23	60	54	**Roadway traffic**, dog barks, onsite trash container unloading
ST-2	Behind closed eastern gate along Western Avenue	09/27/18 15:33 – 15:53	70	62	**Roadway traffic**
ST-1	On eastern sidewalk of Manhattan Place, adjoining proposed project site	09/28/18 16:33 – 16:47	58	51	**Roadway traffic**
ST-2	Behind closed eastern gate along Western Avenue	09/28/18 16:52 – 17:00	73	60	**Roadway traffic**

Source: AECOM 2018

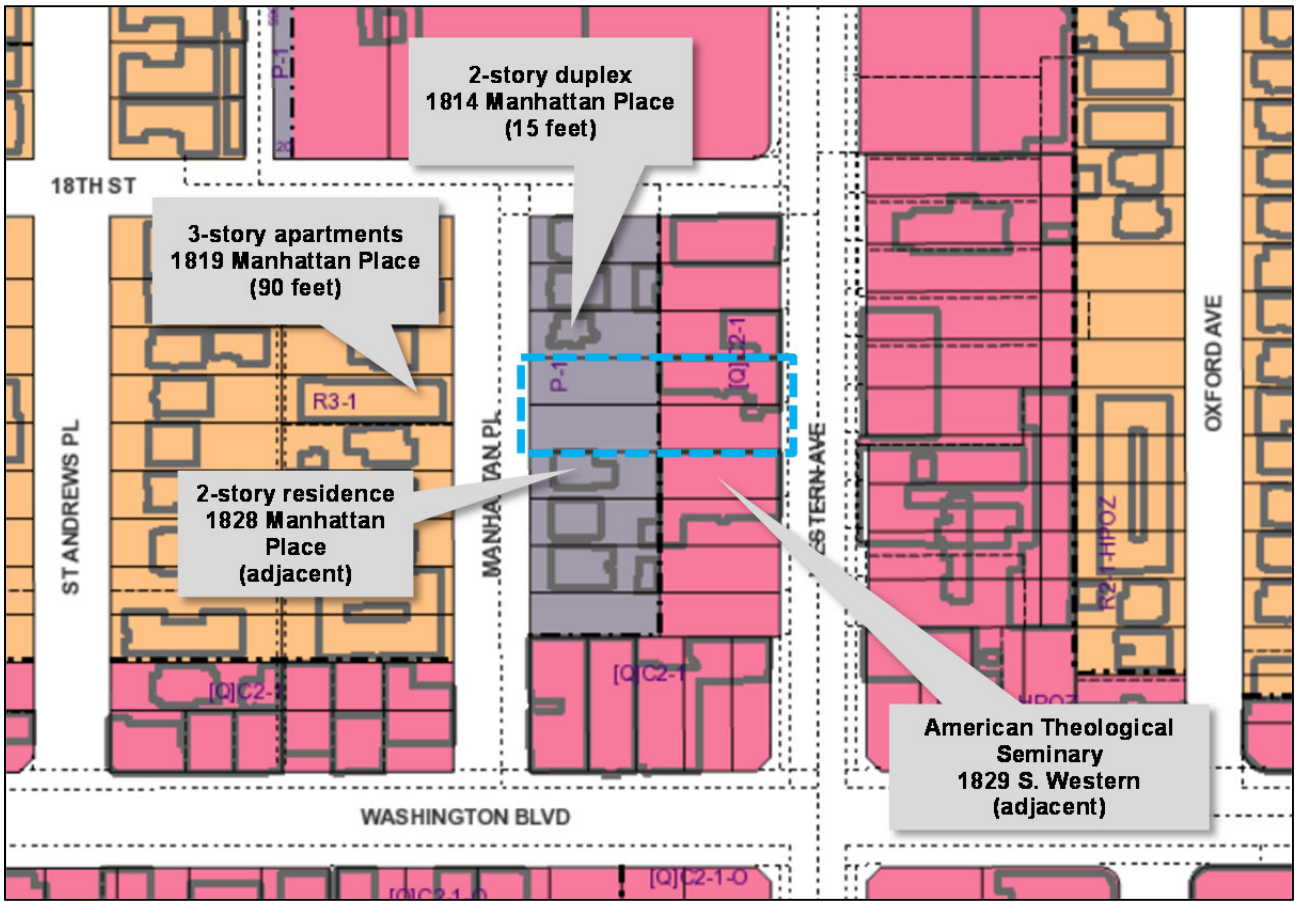
Notes:

[A] for LT-1 and LT-2, these are the lowest and highest values from among the measured sequential five-minute intervals.

[B] L_{day} = energy-averaged L_{eq} for twelve monitored daytime hours (7am to 7pm).

Nearest Sensitive Receptors

The nearest apparent residential NSLU are the apparent residential buildings that adjoin the project site to the north, south and west as shown in Figure 2. Also adjoining the project site to the south is an apparent place of worship, the "American Theological Seminary", that would be considered noise-sensitive only during daytime hours unless occupants reside within during nighttime hours. These apparent NSLUs are located on a variety of land use types (P-1, R3-1, and [Q]C2-1) per the City of Los Angeles zoning information (City of Los Angeles 2018), also as shown in Figure 2.



Source: City of Los Angeles (2018)

Figure 2. Nearest identified noise-sensitive land uses (NSLU, light gray callouts) and their approximate nearest distances to the project site boundary (light blue dashes).

Applicable Regulations and Standards

Noise

Building Codes

As described in the Introduction, it is understood that the proposed project will comply with all applicable building codes and regulations.

City of Los Angeles Noise Ordinances

The City of Los Angeles Municipal Code (LAMC), Chapter IV, Article 1, Section 41.40; and Chapter XI, Article 2, Section 112.03 (that references Section 41.40) addresses noise generated at construction sites, including permissible hours of construction. In addition, operational noise from both stationary and mobile sources is evaluated for impacts using the City of Los Angeles CEQA Thresholds guide (City of Los Angeles 2006). A

project would normally be considered to have a significant construction noise effect on the surrounding community if any one of the following were satisfied:

- Construction activities lasting more than one day would cause existing ambient exterior noise levels to increase by 10 dBA or more; or,

- Construction activities lasting more than 10 days in a three-month period would cause existing ambient exterior noise levels to increase by 5 dBA or more at a noise-sensitive land use; or,

- Any construction activity that would exceed existing ambient exterior noise levels by 5 dBA or more at a noise-sensitive land use between the hours of 9:00 p.m. and 7:00 a.m. Monday through Friday, before 8:00 a.m. or after 6:00 p.m. on Saturday, or at any time on Sunday.

Construction of the proposed project would take place within daytime hours (7:00 a.m. to 4:00 p.m.) and thus be both within the permissible time period per LAMC 41.40 and not coincide with the above third bulleted condition for significance per the City's CEQA Thresholds guidance. Because the aggregate of sequential construction activities for the proposed project is expected to last *more* than 10 days in a three-month period, as a five-month construction period is anticipated, the second of the first two bulleted conditions above with respect to construction activity duration would be satisfied; hence, a significant impact would occur if project construction noise levels exceed existing ambient exterior noise levels by 5 dBA or more at the nearest existing noise-sensitive community receptors.

Additionally, per LAMC 112.05, no single piece of powered equipment can produce noise greater than 75 dBA at a distance of 50 feet when such work occurs between the hours of 7:00 a.m. to 10:00 p.m. on any residential zone or within 500 feet of such a zone. However, the proposed project and surrounding property is not in a residential zone.

With respect to operating stationary sound sources like HVAC systems, LAMC Section 112.02 requires that any HVAC equipment not cause an increase in ambient noise levels on any other occupied property to exceed the ambient noise level by more than 5 dBA.

Based on the presumed ambient noise levels appearing in Table II of LAMC Section 111.03, compliance with LAMC Section 112.02 suggests that the combined operational noise levels from all on-site project noise sources should not exceed a 1-hour Leq of 53 dBA at NSLUs during the daytime hours (7:00 a.m. to 10:00 p.m.) and 43 dBA at residences at night (10:00 p.m. to 7:00 a.m). If the actual outdoor ambient noise level is greater than the presumed ambient levels per LAMC Section 111.03 Table II, based on measured sound levels or supportable estimates, then these prescribed limits for daytime and nighttime would correspondingly rise by the same dB quantity.

City of Los Angeles Noise General Plan Noise Element

The Noise Element of the City's General Plan (GP) includes policy P13, which states: "Continue to plan, design and construct or oversee construction of public projects, and projects on City owned properties, so as to minimize potential noise impacts on noise sensitive uses and to maintain or reduce existing ambient noise levels."

Vibration

There are no adopted City standards for groundborne vibration. In the absence of such local regulations, the FTA provides guidance on appropriate vibration limits with respect to sensitive receptors. According to the FTA, vibration impacts associated with human annoyance would be significant if vibration caused by construction activity assessed at a receptor exceeded 85 VdB, a vibration velocity (L_v) level that is considered acceptable only for an infrequent number of events per day (FTA 2006).

Noise and Vibration Assessment

Methodologies

Construction Noise

Construction noise from the proposed project has been predicted with a technique based on the FTA "general assessment" method that focuses on the two loudest anticipated equipment and/or vehicles on site per phase. Consistent with data provided in Table 1 of the Federal Highway Administration (FHWA) Roadway Construction Noise Model (RCNM) User's Guide (FHWA 2006), the predictive analysis for this study also applies the "acoustical usage factor" (AUF) in order to calculate an equivalent sound level (L_{eq}) for a typical hour during which the construction equipment is expected to generate noise. Other included analysis factors are as follows:

- On average, equipment noise emanates from a single point at the geographic center of the project site, representing the mobility of construction activities and equipment locations across the entire project area as work proceeds;

- Point-source sound propagation, and the source emission point is six feet above grade;

- Acoustical ground absorption offers up to 4.8 dBA of additional source-to-receiver sound path attenuation, depending on path length, per International Organization of Standardization (ISO) 9613-2 (ISO 1996);

- First-floor receivers are 5 feet above grade, second-floor receivers are 14 feet above grade, and third-floor receivers are 23 feet above grade;

- Pre-existing structures, walls, or other barriers, where applicable, that linearly occlude the source-to-receiver sound path yield an additional minimum 5 dBA of noise reduction (comparable to "shielding" per FTA guidance);

- Predicted noise reduction performance of temporary noise barriers is quantified at 500 Hz, consistent with industry guidance (Edison Electric Institute 1984); and,

- Due to the relatively short source-to-receptor distances studied, the effect of acoustical air absorption is conservatively not included.

Operations Noise

Operations noise from the proposed project is expected to be primarily due to the addition of new stationary HVAC equipment, expected to be located on the eastern side of the proposed project area. In such a heavily trafficked urban area of Los Angeles, the expected change to the outdoor sound environment based on altered roadway traffic flows attributed to operation of the proposed project is likely to be negligible.

Similar to the prediction of construction noise as described in the preceding paragraphs, this analysis considers the aggregate of HVAC noise emanating from a single point-source at approximately pedestrian height (about 5 feet). The effects of air and ground acoustical absorption are conservatively excluded from the point-source sound propagation algorithm.

Construction Vibration

Anticipated ground vibration due to operation of construction equipment and vehicles on the proposed project site has been predicted with a technique based on the FTA "general assessment" method and available data for construction activities.

Predicted Results

Construction Noise

Using the FTA-based method of studying the two loudest pieces of onsite construction equipment, Table 2 presents predicted reference construction noise levels at a distance of 50 feet per construction phase.

Table 2. Estimated Construction Noise Reference Levels

Construction Phase	Expected Equipment/Vehicle[1]	L_{max} at 50 feet (dBA)[2]	FHWA RCNM Acoustical Usage Factor (AUF)[2]	Anticipated Equipment Usage Hours per Day[1]	Estimated Equivalent Sound Level at 50 feet (L_{eq}, dBA)
Demolition	Backhoe	78	40%	8	74
	Generator	81	50%	4	78
				Loudest hour:	79
				9-hour Workshift:	77
Grading	Roller	80	20%	8	73
	Skidsteer	80	40%	8	76
				Loudest hour:	78
				9-hour Workshift:	77
Trenching	Backhoe	78	40%	8	74
	Generator	81	50%	4	78
				Loudest hour:	79
				9-hour Workshift:	77
Building Construction	Crane[3]	81	16%	9	73
	Flatbed truck[3]	74	40%	9	70
				Loudest hour:	75
				9-hour Workshift:	75
Finishes	Flatbed truck[3]	74	40%	9	70
	Flatbed truck[3]	74	40%	9	70
				Loudest hour:	73
				9-hour Workshift:	73
Re-paving	Paver	77	50%	8	74
	Flatbed truck[3]	74	40%	9	70
				Loudest hour:	75
				9-hour Workshift:	75

Notes:

[1] From client-provided project information received by AECOM.

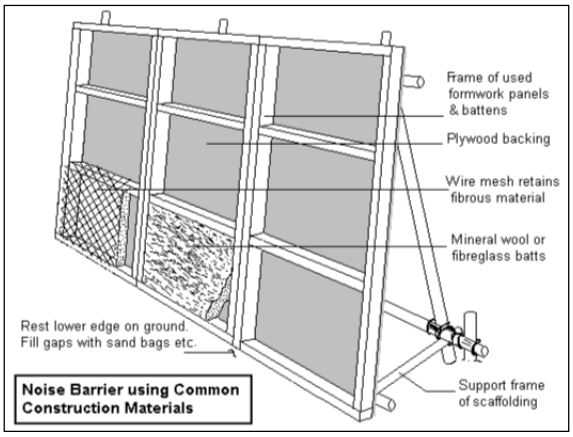
[2] From Table 1 of Federal Highway Administration (FHWA) Roadway Construction Noise Model (RCNM) User's Guide (FHWA 2006).

[3] Not on client-provided project information, assumed onsite by AECOM.

Using the provided project description, which includes the use of noise control measures as needed to protect the health, safety, or convenience of affected sensitive receptors, such as temporary onsite sound barriers to control equipment noise levels, two representative examples of sound barriers appear in Figure 3.



Vinyl-covered insulation blankets suspended from field-erected framing system
Source: AECOM



Plywood-based field-erected noise barrier
Source: Eaton 2000.

Figure 3. Samples of Temporary Construction Sound Barriers

Per the project design, implemented sound barriers would need to be installed properly (i.e., no air gaps) and block line-of-sight between the noise-producing construction activity and these NSLU, so that resultant construction noise levels at the NSLU would be compliant with appropriate aforementioned City CEQA Thresholds and LAMC regulations (i.e., LAMC 112.05, for any residential zone or within 500 feet thereof). These standard conditions of approval would be part of the proposed project construction, which include those listed as follows:

- Locate stationary construction equipment (e.g., generators or air compressors) as far as possible from the nearest NSLU;
- To the extent practical, locate and orient construction equipment and/or material storage trailers so that they occlude direct sound paths between onsite noise construction activities and nearby NSLU positions;
- Install temporary sound walls or comparable barriers along the property boundary to occlude direct sound paths between construction activities and the nearby NSLU in the surrounding community;
- Ensure that fuel-burning powered equipment and vehicles have installed and properly functioning factory-approved air intake filtration, engine housings, sound-attenuated heat radiators, and combustion exhaust mufflers so that emitted noise levels (e.g., L_{max} at 50 feet) are consistent with LAMC 112.05 expectations;
- Prohibit construction activity (including deliveries, equipment maintenance, or operation of any construction equipment) at the proposed project site before 7:00 a.m. or after 9:00 p.m. Monday through Friday, before 8:00 a.m. or after 6:00 p.m. on any Saturday or national holiday, or at any time on Sunday;
- Use low-noise construction equipment;
- Ensure that all mobile and stationary noise-producing construction equipment used on the proposed project site that is regulated for noise output by a local, state, or federal agency complies with such regulation while in the course of project activity;
- Schedule high noise-producing activities during periods of time that are least sensitive;
- Switch off construction equipment when not in use;
- Restrict usage of noise-producing signals (including horns, whistles, alarms, and bells) to safety warning purposes; and,
- Reduce construction vehicle speeds.

These other design measures are also included in the project description to help further control construction vibration, as needed:

- Operate heavy construction equipment at least 6 feet from nearby commercial buildings, wherever possible. Where a 6-foot buffer cannot be maintained, other methods will be used, such as smaller pieces of equipment or hand tools; and

- As considered appropriate by the proposed project's structural engineer, monitor vibration levels during construction with measurements, observations, or other tests to check for presence of vibration-related damage to concerned neighboring structures.

Using the 9-hour workshift estimated L_{eq} values from Table 2 and design measures required by City standard conditions that include noise control barriers, predicted construction noise levels at the indicated floor elevations of the four nearest representative NSLU are presented in Table 3. As shown in Table 3, none of the predicted values in Table 3 exceed the indicated baseline daytime outdoor ambient sound level by more than 5 dBA.

Table 3. Estimated Construction Noise Levels at Noise-Sensitive Land Uses by Construction Phase – with Standard Conditions of Approval (Temporary Construction Sound Barriers)

Noise-Sensitive Land Use	Baseline Daytime Outdoor Ambient (L_{eq}, dBA)	Estimated 9-hour Workshift L_{eq} (dBA) per Construction Phase					
		Demolition (2 days)	Grading (10 days)	Trenching (7 days)	Building Erection (4 months)	Finishes (TBD)	Re-paving (13 days)
1819 Manhattan Place (first floor)	58	60.5	60.8	60.5	58.3	56.5	58.6
1819 Manhattan Place (second floor)	58	60.4	60.7	60.4	58.2	56.4	58.5
1819 Manhattan Place (third floor)	58	60.3	60.5	60.3	58.0	56.3	58.3
1814 Manhattan Place (first floor) [A]	60	54.9	55.2	54.9	52.7	50.9	53.0
1814 Manhattan Place (second floor) [A]	60	62.2	62.5	62.2	60.0	58.2	60.3
1828 Manhattan Place (first floor) [B]	60	53.2	53.4	53.2	50.9	49.2	51.2
1828 Manhattan Place (second floor) [B]	60	62.9	63.1	62.9	60.7	58.9	61.0
1829 S. Western Avenue (first floor) [C]	70	62.8	63.1	62.8	60.6	58.8	60.9

Notes: dBA = A-weighted decibel; TBD = to be determined.

[A] includes anticipated effect of 16-foot tall noise barrier installed along northern project boundary for all six identified construction phases.

[B] includes anticipated effect of 16-foot tall noise barrier installed along southern project boundary (in proximity of the receptor façade) for all six identified construction phases.

[C] includes anticipated effect of 8-foot tall noise barrier installed along southern project boundary (in proximity of the receptor façade) for all six identified construction phases.

Operations Noise

According to the City's site feasibility plans, a screenshot of which appears in Figure 4 superimposed upon an aerial view of the proposed project vicinity, the 24-foot by 120-foot trailer would be located between two paved areas. This noise analysis assumes that the trailer, within which up to 15 persons may sleep at night, will feature some form of packaged air handling unit (AHU) to provide air-conditioning to the occupied spaces. Using American Society of Heating, Refrigerating, and Air-conditioning Engineers (ASHRAE) guidance for estimating minimum needed ventilation for the sleeping area, this analysis assumes the following for the AHU:

- 288 cubic feet per minute (CFM) of outside air* intake as a ten percent (10%) fraction of total unit CFM capacity, with a four-inch water gauge plenum fan (61 dBA L_{eq} SPL at one meter); and

- Up to a 3-ton (refrigeration) packaged air-cooled compressor units (with composite condenser fan[s]) exhibits 75 dBA L_{eq} SPL at one meter, similar to a Trane "Precedent" model (Trane 2004).

**based on 2,880 occupied square feet for "dormitory sleeping rooms", per ASHRAE Standard 62.1-2012 Ventilation for Acceptable Indoor Air Quality (Loren Cook 2015)*

Conservatively, this analysis assumes the following:

- Any potential building "shielding" noise reduction (i.e., the presence of intervening structures along the direct sound path between sources and the NSLU of interest) will likely be negated by acoustical reflection from other nearby building façades.

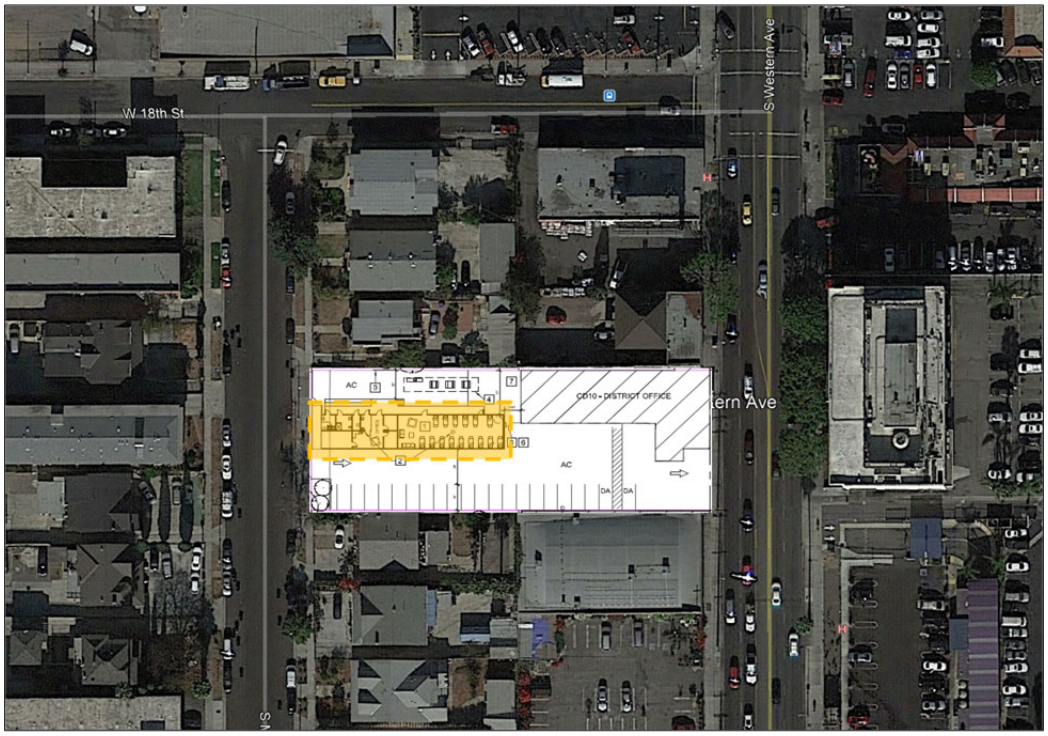
- The AHU features typical interior cabinet lining to help attenuate the fan noise generation within by 10 dBA.

- Project design includes erection of a partial enclosure or four-sided solid barrier for each packaged AHU, so that the direct sound path is visually and acoustically occluded between the AHU and any surrounding NSLU. Separate from the above-stated AHU noise control design feature, this sound path occlusion rendered by the partial enclosure or barrier must be designed and implemented so as to realize a minimum 10 dBA noise reduction.

Additionally, the City has required implementation of the following standard conditions of approval in the project design:

- Select mechanical equipment designed to produce low noise levels; and,

- All noise control methods will be included in the final architectural and engineering designs and specifications for proposed project construction.



Source: City of Los Angeles (2018)

Figure 4. Proposed location zone of the proposed project trailer (within orange dashes), on which packaged air handling unit (AHU) are assumed to be installed.

Given these analysis assumptions and estimated operating HVAC equipment levels, the predicted noise at the four representative nearest NSLU are presented in Table 4 and would be compliant with LAMC 112.02.

Table 4. Estimated HVAC Operation Noise Levels at Noise-sensitive Land Uses

Noise-Sensitive Land Use	Baseline Nighttime Outdoor Ambient (L_{eq}, dBA)[1]	Distance to HVAC Equipment (feet)	Estimated HVAC Noise Level at NSLU	Compliant with LAMC 112.02 (increase in outdoor ambient < 5 dBA)?
1819 Manhattan Place	40	90	36	yes
1814 Manhattan Place	40	35	43	yes
1828 Manhattan Place	40	50	41	yes
1829 S. Western Avenue	40	80	37	yes

Notes:

L_{eq} = energy-equivalent sound level; dBA = A-weighted decibel; LAMC = Los Angeles Municipal Code

[1] based on the lowest of the monitored values from field survey locations LT-1 and LT-2 as appearing in Table 1.

While there are other stationary sources of noise associated with the proposed project, they are addressed as follows and not expected to cause adverse effects to the surrounding environment:

- Commercial-type laundry machines (washers and dryers) would be installed within modular buildings or trailers; hence, inherent sound insulation from the modular building or trailer shell would be expected to reduce noise emission to acceptable levels. Noise from dryer vent discharge ports would be sufficiently distant from the aforementioned NSLU so as to result in non-impactful acoustical contributions to the outdoor sound environment.

- Onsite showers, toilets, and other facilities (and their sources of noise) would be similarly housed within the onsite modular buildings or trailers.

- Any electrical transformer onsite (supplying power to the AHU and other equipment) is within an enclosure.

Construction Vibration

Among the construction equipment and vehicles shown in Table 2, during grading activities the roller would be expected to produce the largest magnitude of vibration. FTA guidance indicates that such equipment produces a reference vibration velocity level of 94 VdB at a distance of 25 feet. Assuming this operating vibratory roller is no closer than 50 feet (the distance at which the vibratory roller vibration would attenuate to 85 VdB) to the apparent residential NSLU represented by 1828 Manhattan Place, the estimated vibration velocity level would be less than the aforementioned 85 VdB threshold. For surface compacting activity closer to this NSLU than 50 feet, alternative equipment or methods that produce less vibration would be used. By way of example, a jackhammer (79 VdB at 25 feet, per FTA) or a small compactor exhibiting comparable vibration energy could be operated as close as about 16 feet to the 722 85th Street property and comply with the 85 VdB limit. An operating hydromill (to support onsite trenching, with vibration velocity ranging from 66 to 75 VdB [depending on soil type] at a reference distance of 25 feet, per FTA) would be expected to comply with the 85 VdB threshold at a distance of 6 to 12 feet, respectively, from the same NSLU.

Conclusions

Construction Noise

Since estimated construction noise levels at the four studied nearest NSLU are not expected to exceed LAMC limits (112.03 and 112.05 with respect to residential zones) and applicable City CEQA significance thresholds, further construction noise reduction measures are not needed.

Because the proposed project is known to have other nearby development projects in the vicinity, there exists a possibility for concurrent construction activity to occur, which could give rise to potential construction noise effects to these four NSLU. Attachment 3 contains a brief discussion that addresses cumulative construction noise at the four NSLU, and concludes that nearby development projects are too distant for their anticipated construction noise to yield a cumulatively considerable effect. Therefore, cumulative construction noise impacts are not anticipated.

Operations Noise

As analyzed, the proposed project stationary sources are not expected to produce noise levels that would cause significant increases to the outdoor ambient sound environment at the four studied nearest representative NSLU; thus, no further noise reduction measures are needed.

Construction Vibration

Per the project design and as analyzed, vibration velocity levels from the most vibratory of onsite operating equipment associated with construction of the proposed project are not expected to result in significant annoyance at the nearest studied residential NSLU; therefore, no further vibration reduction measures would be necessary to comply with FTA-based guidance.

In summary, construction and post-construction operation of the proposed project should be compliant with applicable City of Los Angeles requirements, relevant building code provisions, and FTA guidance with respect to environmental noise and vibration effects on the surrounding community.

Prepared by



Mark Storm, INCE Bd. Cert.
Principal Noise Control Engineer
Acoustics & Noise Control Practice

Attachment 1 – 24-hour Plots of Collected Sound Pressure Level (SPL) Data
Attachment 2 – Photographs of Sample Sound Pressure Level (SPL) Survey Locations
Attachment 3 – Cumulative Noise Discussion for Concurrent Construction Projects

References

Agencies Contacted

City of Los Angeles, 2018, online ZIMAS tool, http://zimas.lacity.org/.

Documents Reviewed

City of Los Angeles, 2006, L.A. CEQA Thresholds Guide - Your Resource for Preparing CEQA Analyses in Los Angeles, www.environmentla.org/programs/Thresholds/Complete%20Threshold%20Guide%202006.pdf.

Eaton, Stuart, 2000, Construction Noise, Workers' Compensation Board of BC, Engineering Section Report, ARCS Reference No: 0135-20, February, https://constructioninformer.com/wp-content/uploads/2008/07/constructionnoise.pdf.

International Organization of Standardization, 1996, Acoustics -- Attenuation of sound during propagation outdoors -- Part 2: General method of calculation, www.iso.org/standard/20649.html.

Loren Cook Corporation, 2015, Engineering Cookbook – A Handbook for the Mechanical Designer, www.lorencook.com/PDFs/Catalogs/Cookbook_Catalog.pdf.

State of California, Department of General Services, California Building Standards Commission, 2017, The 2016 California Building Standards Code (Cal. Code Regs., Title 24), Part 2, Volume 1, 1207.4, www.bsc.ca.gov/Codes.aspx.

Trane Corporation, 2004, Packaged Gas/Electric Rooftop Units – Precedent 3-10 Tons – 60 Hz, RT-PRC006-EN, October, www.trane.com/download/equipmentpdfs/rtprc006en_r6.pdf.

U.S. Department of Transportation, Federal Highway Administration (FHWA), 2006, FHWA Roadway Construction Noise Model User's Guide, FHWA-HEP-05-054, Final Report, January, www.fhwa.dot.gov/environment/noise/construction_noise/rcnm/rcnm.pdf.

U.S. Department of Transportation, Federal Transit Administration (FTA), 2006, Transit Nosie and Vibration Impact Assessment, FTA-VA-90-1003-06, May, www.transit.dot.gov/regulations-and-guidance/environmental-programs/fta-noise-and-vibration-impact-assessment.

Attachment 1
24-hour Plots of Collected Sound Pressure Level (SPL) Data

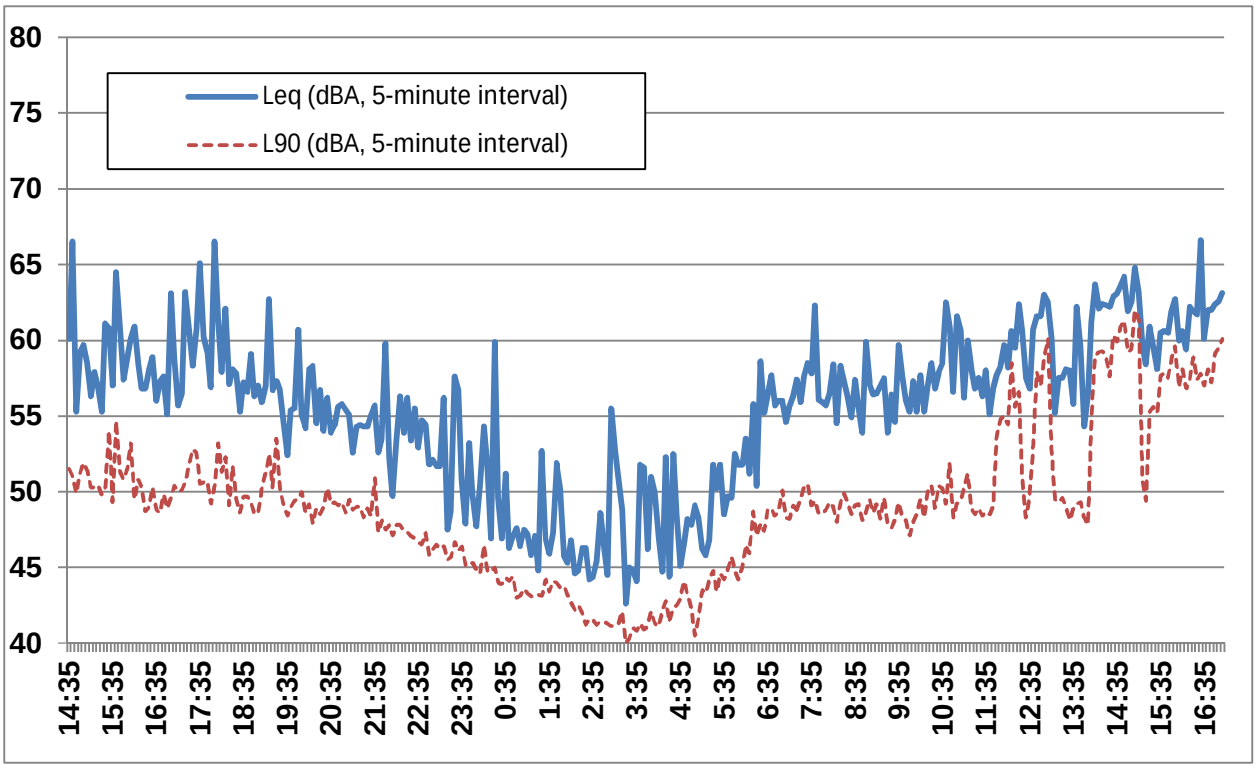


Figure A1-1. Plot of consecutive 5-minute intervals monitored at CD-10 (1819 S. Western Ave.) baseline field sound pressure level (SPL) survey location LT-1

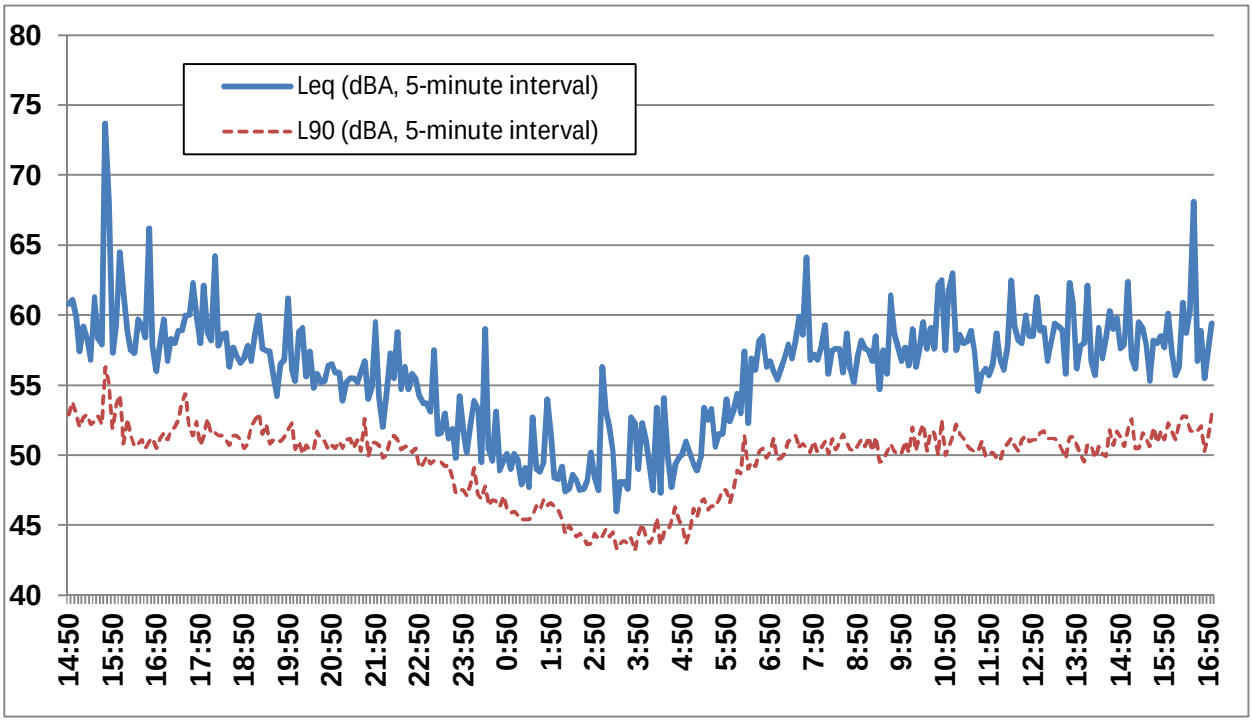
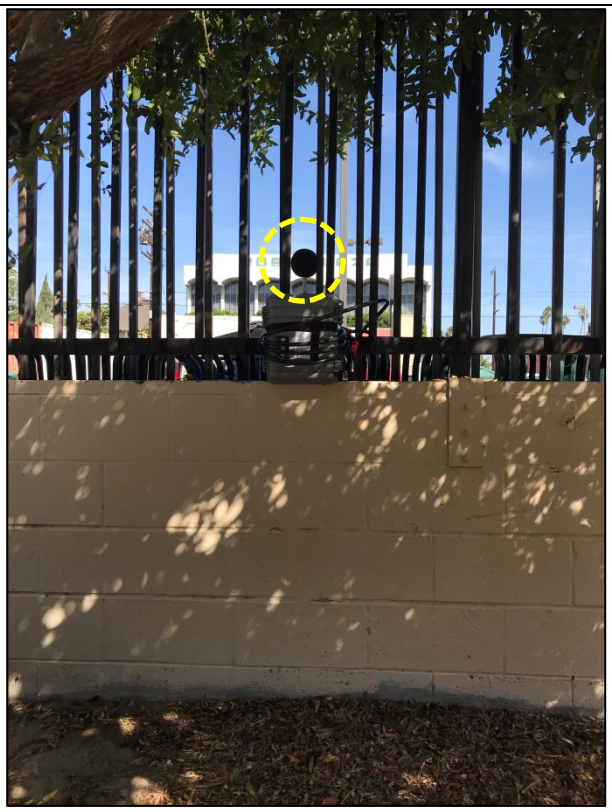


Figure A1-2. Plot of consecutive 5-minute intervals monitored at CD-10 (1819 S. Western Ave.) baseline SPL survey location LT-2

Attachment 2
Photographs of Sample Sound Pressure Level (SPL) Survey Locations



Date: September 27, 2018
Measurement Location: LT-1 (southwest corner of project site)
View Direction: east
Notes: SLM microphone circled in dashed yellow



Date: September 27, 2018
Measurement Location: LT-2 (on western edge of project site)
View Direction: east
Notes: SLM microphone circled in dashed yellow



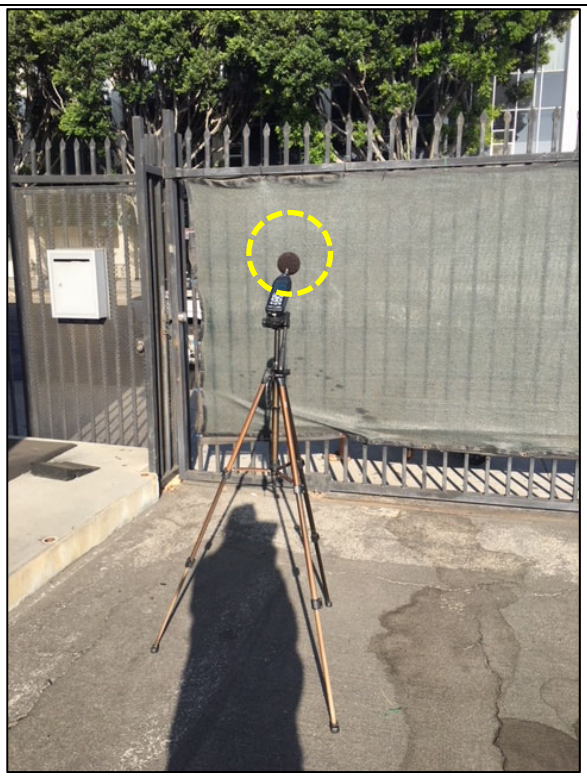
Date: September 27, 2018
Measurement Location: ST-1 (on Manhattan Place sidewalk)
View Direction: south
Notes: SLM microphone circled in dashed yellow



Date: September 28, 2018
Measurement Location: ST-1 (on Manhattan Place sidewalk)
View Direction: northeast
Notes: SLM microphone circled in dashed yellow



Date: September 27, 2018
Measurement Location: ST-2 (within eastern fence of parking lot)
View Direction: east
Notes: SLM microphone circled in dashed yellow



Date: September 28, 2018
Measurement Location: ST-2 (within eastern fence of parking lot)
View Direction: east
Notes: SLM microphone circled in dashed yellow

Attachment 3
Cumulative Noise Discussion for Concurrent Construction Projects

Dt: 5 October 2018
To: Kathalyn Tung (AECOM)
Fm: Mark Storm (AECOM)
Re: **Predictive analysis of concurrent construction noise for CD-10 (1819 S. Western Ave.) and nearby projects**

Kathalyn, per your forwarded list, I have used aerial imagery from Google Earth to examine the distances and potential for sound-intervening structures between each potential cumulative project and the nearest of the four identified noise-sensitive land uses (NSLU) discussed in the noise technical memorandum to which this document is "Attachment 3". Assumptions used to qualitatively and quantitatively assess cumulative noise impact from concurrent construction projects on these four NSLU are as follows:

- Construction noise from each studied project is comparable (no more than 79.5 dBA hourly L_{eq} at 50 feet);
- Only two projects would be concurrent (e.g., construction of 1819 S. Western Ave. and another project); and,
- "Cumulatively considerable" (CC) is defined as a project causing the logarithmic sum of noise from the two concurrent projects under construction to be more than 1 dBA higher than the louder of the two individual sources, and that this elevated level is sufficient to cause a noise impact with respect to the Los Angeles Municipal Code (LAMC). In other words, if a project would otherwise be compliant (e.g., increase in exterior ambient < 5 dBA), the noise from the concurrent other project cause the logarithmic sum to result in a level that exceeds this threshold (e.g., > 5 dBA exterior ambient increment). In terms of distance, if source noise levels from the concurrent construction activities are comparable (first bullet above), the "other project" needs to be at a distance from the NSLU equal to 1.6 times the project's distance or less to the same NSLU to be considered CC. If there are intervening structures to occlude the sound path, this distance can be shortened or eliminated—by way of example, a building receiving noise on opposite facades occludes noise contribution in each direction.

The closest distance of the other project sites to the nearest 1819 S. Western project studied NSLU appears to be only 400 feet, but this is greater than the aforementioned <= 1.6 distance multiplier for the four NSLU with respect to their distances to 1819 S. Western Ave. While any one of these other projects may undergo concurrent construction activity with work at 1819 S. Western Ave., the resulting noise would not be cumulatively considerable at the NSLU; hence, no cumulative construction noise impacts would be expected for the 1819 S. Western Ave. project.

ATTACHMENT G – TRAFFIC INFORMATION

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AECOM
999 Town and Country Road,
Orange, CA 92868
www.aecom.com

Memorandum

To	Ms. Eileen Hunt Metro Development Review Planning & Land Use Development Los Angeles Department of Transportation	Pages 5
Subject	Western Ave Bridge Housing Project (Council District 10): Traffic Technical Memorandum	
From	Raizalyn Chau TE; Noel Casil PE, TE – AECOM	
Date	October 9, 2018	

Introduction

This technical memorandum describes the potential traffic/transportation impacts associated with the Bridge Housing Project (proposed project) to be located at a publicly-owned parking lot which is part of the larger parking lot used by the Council District 10 Office. The Council Office is located at 1819 South Western Avenue in Los Angeles. The addresses that comprise the entire Project site include 1819 and 1825 South Western Avenue and 1818 to 1826 South Manhattan Place. The associated Assessor Parcel Nos. (APNs) are 5073-013-900 (two tied lots), 5073-013-901 and 5073-013-902 respectively. The Project site is comprised of four (4) lots that total approximately 25,506 square feet, including the Council Office building.

The Project would include the addition of a 24-foot by 120-foot trailer (totaling of 2,880 square feet) to the parking lot of the Council Office. The trailer will be equipped with a 15-bed sleeping and lounging area with sink, two offices, 1 employee restroom, 1 resident restroom, and storage/laundry facilities. In addition, outside would be a free-standing area with a shade structure over three picnic tables and a food preparation area that includes a small sink. Also included would be a new pedestrian gate, chain link fencing and green screen fence on the northern edge of site, a dog run area, and new landscaping. Nineteen parking spaces will remain to serve the Council Office and shelter staff and operational support services. The proposed Project would be a temporary facility and would be operated by the City through Los Angeles Homeless Services Authority, or another City vendor. The site and surrounding area are within a highly urbanized area (see Attachment 1). As discussed in this memorandum, the proposed project was determined to have no significant adverse impacts related to traffic/transportation and parking.

Purpose

The purpose of this analysis was to determine whether the proposed project would impact traffic/transportation and parking. Three different components of impact assessments were conducted: (1) transportation impacts associated with the operation of the proposed project, (2) transportation impacts associated with the construction of the proposed project, and (3) parking impacts associated with the operation of the proposed project. The following discussion presents and summarizes the results of these three impact assessment components.

Project Operation Transportation Impact Evaluation

Evaluation of the traffic operation impact is based on the most recent version of the Los Angeles Department of Transportation (LADOT) Transportation Impact Study guidelines and the generic approach to traffic studies for temporary homeless bridge housing projects and permanent homeless shelter/navigation facilities documentation provided by LADOT (provided in Attachment 2). As indicated in the guidelines, the first step is to

contact the designated LADOT liaison to initiate the Memorandum of Understanding (MOU) process in order to determine traffic analysis needs for the proposed project. Based on coordination with LADOT, the following criteria have been established to determine the level of traffic impact analysis need for these types of projects:

- If the project generates less than 43 a.m. or p.m. peak hour vehicle trips or 500 vehicles per day, a Technical Memorandum shall be prepared.
- If the project is likely to generate 25 to 42 a.m. or p.m. vehicle trips, then analysis at the adjacent signalized intersection(s) shall be conducted.
    - Since these projects are expected to be constructed and occupied within a year, the analysis should evaluate Existing and Existing plus Project conditions and there would be no need for related projects.
- If the project is likely to add less than 25 a.m. or p.m. peak hour vehicle trips, evaluation of potential project impacts at adjacent signalized intersection(s) is not required.

Project's Memorandum of Understanding

In coordination with LADOT during the MOU development process, the calculation of project trips for the proposed project is based on the trip rates for permanent supportive housing/special needs included in the LADOT Transportation Impact Study guidelines. As shown in the guidelines, the rate applies for the number of dwelling units. However, per direction and approval by LADOT, the number of beds provided for the site can be utilized in lieu of the number of dwelling units for the purpose of evaluating the proposed project. The total number of beds provided for the proposed project is 15. Tables 1 and 2 provide a summary of the permanent supportive housing/special needs trip rates and calculated trip generation for the proposed project.

As shown in Table 2, the proposed project is anticipated to generate 3 a.m. peak hour vehicle trips, 3 p.m. peak hour vehicle trips and 20 vehicle trips per day respectively. These projected vehicle trips for the proposed project fall below the 25 a.m. or p.m. vehicle trip thresholds indicated in the criteria above; therefore, no further analysis is required at adjacent signalized intersection(s) according to LADOT guidelines. Based on this determination, the proposed project is not anticipated to have significant permanent adverse impacts related to transportation. The approved LADOT MOU is included in Attachment 2.

Table 1. Trip Rates

Land Use	Source	Unit	Daily	AM Peak Hour			PM Peak Hour		
				In	Out	Total	In	Out	Total
Permanent Supportive Housing/ Special Needs	LADOT[1]	DU/Beds	1.27	0.05	0.07	0.12	0.07	0.05	0.12

[1] LADOT Transportation Impact Study Guidelines, December 2016

Table 2. Trip Generation

Land Use	Quantity (Beds)	Daily	AM Peak Hour			PM Peak Hour		
			In	Out	Total	In	Out	Total
Permanent Supportive Housing/ Special Needs	15	20	1	2	3	2	1	3

Project Construction Transportation Impact Evaluation

During the construction of the proposed project, the following sequential construction activities will be conducted:

- Demolition
- Trenching
- Grading
- Paving
- Installation of Modular Buildings

Construction hours are anticipated to occur five days a week between the hours of 7:00 a.m. to 4:00 p.m. Construction is projected to commence in the middle of November 2018 and be completed by end of April 2019; this results in approximately five months of construction. Estimated number of construction workers ranges from eight (average) to 10 (maximum). Total number of trucks is approximately eight with a maximum of four trucks per day. Staging areas will be located on-site and construction truck routes will be along Western Avenue.

Construction traffic comprises of the number of trucks expected for each construction activity and employee vehicles. Table 3 provides a summary of the anticipated construction traffic for each of the construction activities. For the purpose of this analysis, the maximum number of employees has been assumed and construction truck volumes have been converted to passenger car equivalent (PCE) volumes utilizing a factor of 3 passenger cars per truck. As shown in the table, it is anticipated that the maximum number of vehicles during the construction period is 14 during the grading stage of construction with a PCE adjusted volume of 22 vehicles. Based on these anticipated construction traffic volume and the vehicle volume thresholds indicated above, no further analysis is required at adjacent signalized intersection(s) according to LADOT guidelines. The proposed project is not anticipated to have significant temporary adverse impacts related to transportation.

Table 3. Maximum Number of Construction Vehicles per Construction Activity

Construction Activity	Demolition	Trenching	Grading	Paving	Modular Building Installation
Trucks –Vehicle Volume	2	2	4	2	0
Trucks – PCE Volume[1]	6	6	12	6	0
Auto	10	10	10	10	10
Total (Truck Vehicle + Auto)	*12*	*12*	*14*	*12*	*10*
Total (Truck PCE + Auto)	*16*	*16*	*22*	*16*	*10*

[1] *Truck vehicle volume has been converted to passenger car equivalent (PCE) volume using a PCE factor of 3 passenger cars per truck.*

Parking Impact Evaluation

The following section presents the results of the qualitative parking impact evaluation for the temporary displacement of parking due to the proposed project. The purpose of this parking evaluation is to determine whether a secondary (parking) impact is created to transportation. Based on the LADOT Transportation Impact Study guidelines and the generic approach to traffic studies for temporary homeless bridge housing projects and permanent homeless shelter/navigation facilities documentation provided by LADOT (provided in Attachment 2), an impact is determined if the project causes a diversion or shift of 43 vehicles or more during the a.m. and p.m. peak hours.

As described above, the proposed project will be constructed on the northwest corner of the Council District 10 office parking lot displacing approximately 15 parking stalls. As shown on the project site plan (see Attachment 1), the project proposes to maintain 21 parking stalls of the current 36 parking stalls.

Evaluation of Existing Parking Operation

A parking utilization survey was conducted at the project site during a 12-hour period (7 a.m. to 7 p.m.) on Tuesday, September 25, 2018 by National Data & Surveying Services (NDS) to determine and understand the

utilization of the project site (parking lot). A summary of the parking utilization survey is summarized in Table 4 and included in Attachment 3.

Table 4
Council District 10 Office (1819 S. Western Ave, Los Angeles) Parking Lot Survey

Space Type	Parking Occupancy				
	Regular	Handicap	Handicap Van	Total	Occupancy %
Available Spaces	34	1	1	36	
7:00 AM	2	0	0	2	6%
7:30 AM	2	0	0	2	6%
8:00 AM	2	0	0	2	6%
8:30 AM	2	0	0	2	6%
9:00 AM	8	0	0	8	22%
9:30 AM	8	0	0	8	22%
10:00 AM	9	0	0	9	25%
10:30 AM	9	0	0	9	25%
11:00 AM	10	0	0	10	28%
11:30 AM	11	0	0	11	31%
12:00 PM	8	0	0	8	22%
12:30 PM	9	0	0	9	25%
1:00 PM	9	0	0	9	25%
1:30 PM	9	0	0	9	25%
2:00 PM	9	0	0	9	25%
2:30 PM	9	0	0	9	25%
3:00 PM	9	0	0	9	25%
3:30 PM	9	0	0	9	25%
4:00 PM	9	0	0	9	25%
4:30 PM	9	0	0	9	25%
5:00 PM	7	0	0	7	19%
5:30 PM	6	0	0	6	17%
6:00 PM	5	0	0	5	14%
6:30 PM	2	0	0	2	6%
7:00 PM	2	0	0	2	6%

As shown in Table 4, a total of 36 parking stalls are currently provided on-site (34 regular stalls and two handicap stalls). During the a.m. peak period (7 a.m. to 9 a.m.), two of the 36 parking stalls are occupied resulting in a utilization of 6%. Similarly, during the p.m. peak period (4 p.m. to 6 p.m.), six to nine of the parking stalls are occupied resulting in a utilization ranging from 17 to 25%. The time period between 11:30 a.m. and 12:00 p.m. shows the maximum number of parking stalls occupied is 11 spaces resulting in a utilization of 31%. There was no time during the survey period that parking exceeded one third of the available spaces.

Based on the parking utilization survey, the project was determined that it will not result in a diversion or shift of vehicles during the peak hours. The project proposes to maintain 21 parking stalls on-site. This number of parking stalls provides sufficient parking stalls on-site to accommodate for the highest parking demand of 9 vehicles during the p.m. peak hour as well as the maximum occupancy of 11 spaces between 11:30 a.m. and 12:00 p.m. Therefore, the proposed project is not anticipated to have significant secondary impacts (parking) related to transportation.

Conclusion

Based on the evaluations of potential transportation impacts, as discussed above, the proposed project is not anticipated to have significant adverse or secondary impacts related to transportation according to the LADOT traffic impact analysis thresholds. Both the project operation trip generation and anticipated construction vehicles fall below the peak hour vehicle volume threshold of 25 peak hour vehicle trips during the a.m. and p.m. peak hours. In addition, it is unlikely that the proposed project will generate or cause a diversion or shift of 43 vehicles or more during the a.m. and p.m. peak hours. Therefore, the proposed project is not anticipated to have secondary impacts (parking) related to transportation.

Prepared by

Raizalyn Chau, TE
Senior Transportation Engineer

Noel Casil, PE, TE
Senior Transportation Engineer

Attachment 1 – Project Location Maps
Attachment 2 – LADOT Traffic Requirements and Project's Memorandum of Understanding
Attachment 3 – Council District 10 Office (1819 S. Western Ave, Los Angeles, California) Parking Survey





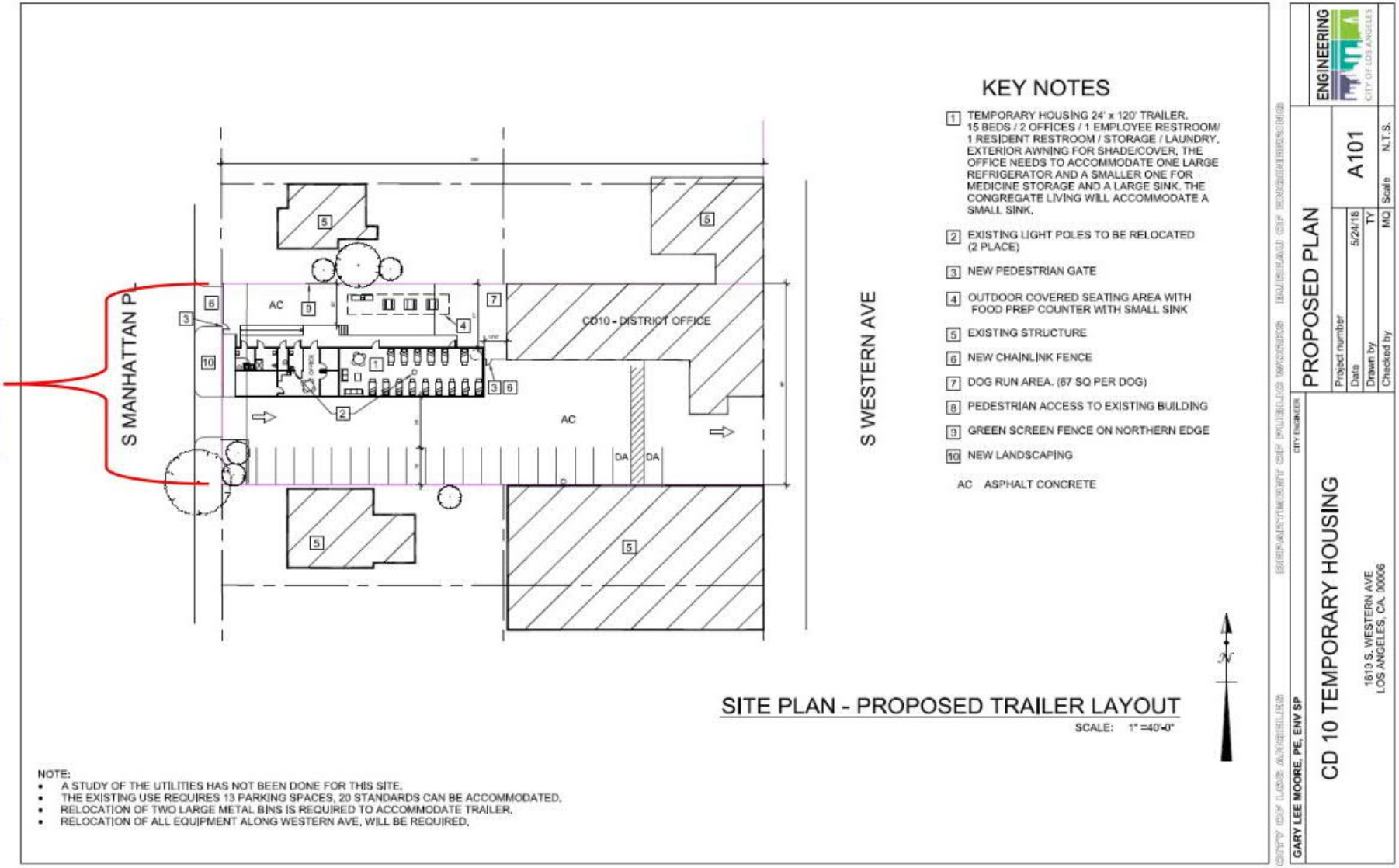
Attachment 1
Project Location Maps



CD-10 Western Avenue
Bridge Housing Project

Figure 1 Project Location Map

AECOM Imagine it. Delivered.



CD-10 Western Avenue
Bridge Housing Project

Figure 2 Project Site Plan

AECOM Imagine it. Delivered.

Attachment 2
LADOT Traffic Requirements and
Project's Memorandum of Understanding

Chau, Raizalyn

From:	Eileen Hunt <eileen.hunt@lacity.org>
Sent:	Wednesday, September 19, 2018 4:17 PM
To:	Chau, Raizalyn
Cc:	Akkinepally, Vamshi; Casil, Noel; Ledet, Shannon; Tung, Kathalyn
Subject:	Re: CD 10 Western Avenue Bridge Housing - MOU Submittal
Attachments:	CEN18-47562_CD10 1819 S Western Bridge Hsg_signed MOU.pdf

Hi Raizalyn,

Please see attached signed MOU sheet.

On Wed, Sep 19, 2018 at 2:49 PM, Chau, Raizalyn <Raizalyn.Chau@aecom.com> wrote:

Hi Eileen,

Attached is a MOU for a Bridge Housing project located on 1819 S Western Avenue, Los Angeles CA for your review and approval.

Based on the attached MOU and the City's volume threshold to conduct traffic impact analysis, a traffic technical memorandum will be prepared and no traffic impact analysis at adjacent intersections will be conducted. As shown in the MOU, the project is anticipated to generate 3 vehicle trips during the AM peak hour and 3 vehicle trips during the PM peak hour which is less than the 25 vehicle trips during the peak hour threshold.

We will prepare a traffic technical memorandum for the project and is proposed to consist of the following:

- Project description.

- Summary of the trip generation resulting in no traffic impact due to the project generating less than 25 vehicle trips during the peak hour. No traffic analysis will be conducted at the adjacent intersections.

- Qualitative discussion of construction impacts.

- Due to the potential parking displacement at the project site, a qualitative parking evaluation will be conducted for the proposed project. A parking utilization survey will be conducted at the project site for a period of 12 hours (7 AM to 7 PM) to determine the approximate number of vehicles that will be displaced due to the proposed project. An inventory of public parking lots within 0.25 miles from the project site will be generated and their approximate capacities will be identified in the report with the understanding that these additional parking lots would serve as alternatives to the displaced parking at the project site. The approximate capacities for the inventory of public parking lots will obtained from online websites such as parkme.com. A comprehensive parking utilization survey of the other public parking lots in the area is not a part of this proposal.

Please review the attached MOU, our proposed approach to the parking evaluation and content of the technical memorandum. If you have any questions, please feel free to contact me.

Thanks,

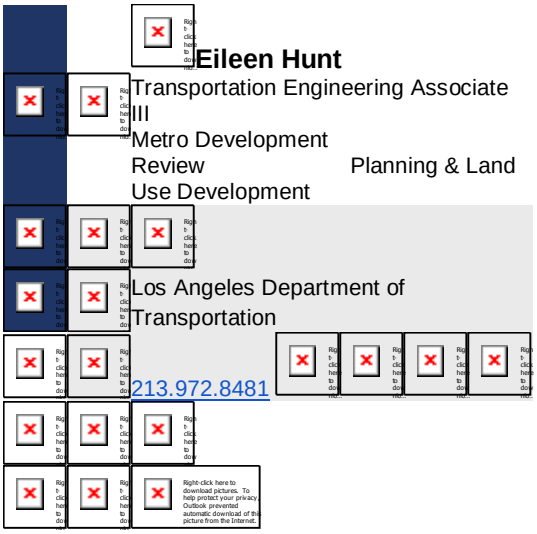
Raizalyn Chau, TE
Senior Transportation Engineer
D +1-714-567-2641
raizalyn.chau@aecom.com

AECOM
999 Town and Country Road
Orange, CA 92868, USA
T +1-714-567-2400
aecom.com

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LADOT

Transportation Impact Study Memorandum of Understanding (MOU)

This MOU acknowledges that the Transportation Impact Study for the following Project will be prepared in accordance with the latest version of LADOT's Transportation Impact Study Guidelines:

I. PROJECT INFORMATION

Project Name: CD-10 Western Avenue Bridge Housing (W.O. E1908381)

Project Address: 1819 S. Western Avenue, Los Angeles CA 90006

Project Description: Temporary homeless shelter with 15 beds. See attached for complete project description.

LADOT Project Case Number: CEN18-47562 Project Site Plan attached? *(Required)* ☑ Yes ☐ No

II. TRIP GENERATION

Geographic Distribution: N n/a % S n/a % E n/a % W n/a %

Illustration of Project trip distribution percentages at Study intersections attached? *(Required)* ☐ Yes ☑ No

Trip Generation Rate(s): ITE 10th Edition / LADOT Trip Generation Rates for Affordable Housing Projects

Trip generation table including a description of the proposed land uses, ITE rates, estimated morning and afternoon peak hour volumes (ins/outs/totals), proposed trip credits, etc. attached? *(Required)* ☑ Yes ☐ No

	IN	OUT	TOTAL
AM Trips	1	2	3
PM Trips	2	1	3

III. STUDY AREA AND ASSUMPTIONS

Project Buildout Year: 2019 Ambient or CMP Growth Rate: n/a % Per Yr.

Map of Study Intersections attached? *(May be subject to LADOT revision after initial impact analysis)* ☐ Yes ☑ No

Study Intersections:

1. n/a - Trip Generation is less than 25 trips during the peak hour.
2. n/a

Is this Project located on a street within the High Injury Network? ☑ Yes ☐ No

IV. CONTACT INFORMATION

CONSULTANT

Name: Raizalyn Chau Company: AECOM

Address: 999 Town and County Rd, Orange CA 92868

E-Mail: raizalyn.chau@aecom.com Phone Number: 714-567-2641

Approved by:					
x	R Chau	9/19/2018	x	Eileen Hunt	9/19/18
	Consultant's Representative	Date		LADOT Representative	Date

Project Description

The proposed project will consist of a temporary change in use from a City of Los Angeles (City)-owned paved public parking lot with minimal landscaping to a temporary Bridge Housing emergency homeless shelter for no more than three years. The site property is publicly-owned parking lot which is part of the larger parking lot used by the Council District 10 Office. The Council Office is addressed as 1819 S. Western Avenue, Los Angeles, CA, 90006 and is located as shown in Figure 1—Location Map. The addresses that comprise the entire Project site include 1810 and 1825 S. Western Ave and 1818 to 1826 S. Manhattan Place. The Project site is comprised of four (4) lots that total approximately 25,506 square feet (SF), including the Council Office building.

The Project would include the addition of a 24' x 120' trailer (total of 2,880 SF) to the parking lot of the Council Office. The trailer will be equipped with 15-bed sleeping and lounging area with sink, two offices, 1 employee restroom, 1 resident restroom, and storage/laundry facilities. In addition, outside will be a free-standing area with a shade structure over three picnic tables and a food preparation area that includes a small sink. Also included is a new pedestrian gate, new chain link fencing and green screen fence on northern edge of site, dog run area, and new landscaping. Nineteen (19) parking spaces will remain to serve the Council Office and shelter staff and operational support services.

Construction Information

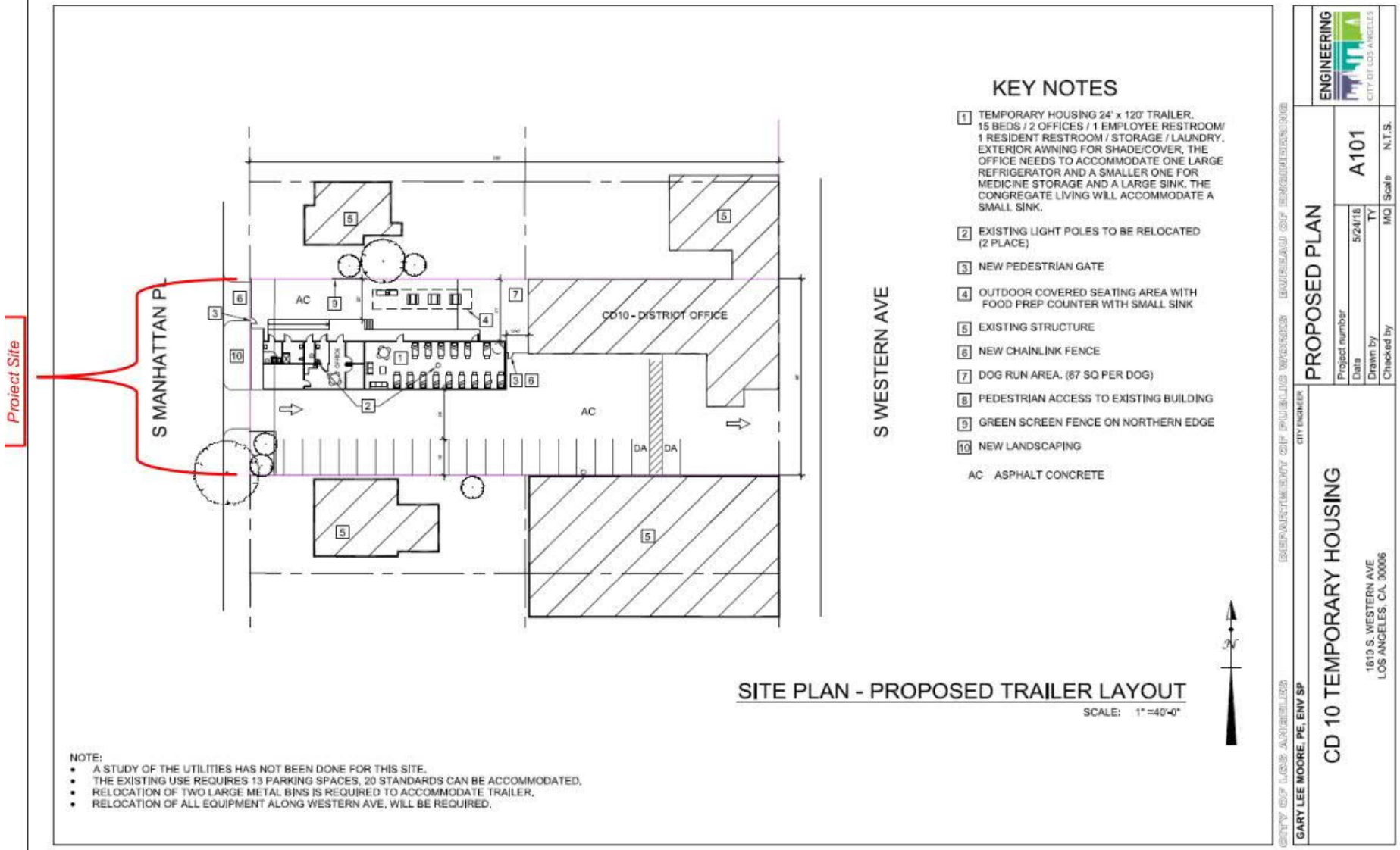
Hours of Construction	7:00 AM to 4:00 PM
Days of Construction	5 days/week
Construction Period	11/15/2018 to 4/23/2019
Estimated Number of Construction Workers	8 (average) to 10 (maximum)
Total Number of Construction Trucks	8
Max Number of Construction Trucks Per Day	4
Haul Route	Western Avenue



CD-10 Western Avenue Bridge Housing Project

Figure 1 Project Location Map

AECOM Imagine it. Delivered.



CD-10 Western Avenue Bridge Housing Project

Figure 2 Project Site Plan

AECOM Imagine it. Delivered.

Trip Rates									
Land Use	Source	Unit	Weekday						
			Daily	AM Peak Hour			PM PeaK Hour		
				In	Out	Total	In	Out	Total
Permanent Supportive Housing/Special Needs	LADOT[1]	DU/Beds	1.27	0.05	0.07	0.12	0.07	0.05	0.12

[1] LADOT Transportation Impact Study Guidelines, December 2016

Trip Generation								
Land Use	Quantity (Beds)	Weekday						
		Daily	AM Peak Hour			PM PeaK Hour		
			In	Out	Total	In	Out	Total
Western Avenue Bridge Housing	15	20	1	2	3	2	1	3

AECOM Imagine it. Delivered.

CD-10 Western Avenue Bridge Housing Project

Table 1 Project Trip Generation

Attachment 3
Council District 10 Office
1819 S. Western Ave, Los Angeles, California
Parking Survey

Prepared by National Data & Surveying Services

Parking Study

Location: 1819 S Western Ave City: Los Angeles

Time	Tuesday, September 25 2018				
	Regular	HC	HC Van	Total	Occupancy
Spaces	34	1	1	36	%
7:00 AM	2	0	0	2	6%
7:30 AM	2	0	0	2	6%
8:00 AM	2	0	0	2	6%
8:30 AM	2	0	0	2	6%
9:00 AM	8	0	0	8	22%
9:30 AM	8	0	0	8	22%
10:00 AM	9	0	0	9	25%
10:30 AM	9	0	0	9	25%
11:00 AM	10	0	0	10	28%
11:30 AM	11	0	0	11	31%
12:00 PM	8	0	0	8	22%
12:30 PM	9	0	0	9	25%
1:00 PM	9	0	0	9	25%
1:30 PM	9	0	0	9	25%
2:00 PM	9	0	0	9	25%
2:30 PM	9	0	0	9	25%
3:00 PM	9	0	0	9	25%
3:30 PM	9	0	0	9	25%
4:00 PM	9	0	0	9	25%
4:30 PM	9	0	0	9	25%
5:00 PM	7	0	0	7	19%
5:30 PM	6	0	0	6	17%
6:00 PM	5	0	0	5	14%
6:30 PM	2	0	0	2	6%
7:00 PM	2	0	0	2	6%

Notes: HC - Handicap

FORM GEN. 160A (Rev. 1/82)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

1819 S Western Av
DOT Case No. CEN 18-47562

Date: October 15, 2018

To: Heloise Froelich, Environmental Supervisor I
EMG, Bureau of Engineering, Department of Public Works

From: Wes Pringle, Transportation Engineer
Department of Transportation

Subject: **TRANSPORTATION IMPACT ANALYSIS FOR THE PROPOSED COUNCIL DISTRICT (CD) 10 BRIDGE HOUSING PROJECT AT 1819 SOUTH WESTERN AVENUE**

The Department of Transportation (DOT) has reviewed the technical memorandum prepared by AECOM, dated October 9, 2018, for the proposed Bridge Housing Project at 1819 and 1825 South Western Avenue and 1818 to 1826 South Manhattan Place as shown in the project site plan (**Attachment 1**).

The project will temporarily change the use of a portion of the City-owned surface parking lot serving the CD 10 Office at 1819 South Western Avenue to a temporary emergency homeless shelter. The project is expected to be complete by April 2019 and would include a 2,880 square foot trailer equipped with a 15-bed sleeping and lounging area, two offices, two restrooms, and storage/laundry facilities. The trailer, a free-standing outdoor area with a shade structure over picnic tables and a food preparation area, a dog run area, and new landscaping would be constructed on the northwest corner of the parking lot. The project would displace approximately 15 of the 36 parking stalls and block the northerly driveway on Manhattan Place. The driveway on Western Avenue and the southerly driveway on Manhattan Place will be kept open during business hours. The proposed project is estimated to generate a net increase of approximately 20 daily vehicle trips, 3 trips during the a.m. peak hour, and 3 trips in the p.m. peak hour (**Attachment 2**). The trip generation estimate is based on formulas from the LADOT Transportation Impact Study Guidelines, December 2016, Table 5: Trip Generation Rates for Affordable Housing Projects.

DOT concurs with the conclusion of the analysis that the project's trip generation does not meet the peak hour trip threshold to require a transportation impact analysis. Therefore, DOT will not require the preparation of a traffic study for this project.

A construction impact evaluation included in the technical memorandum anticipates a maximum volume of 22 passenger car equivalent trips during the project's construction. DOT concurs that transportation impacts are expected to be less than significant during the project's construction activities. Prior to the start of construction work, DOT recommends that review and approval of the construction work site traffic control plan be coordinated with DOT's Citywide Temporary Traffic Control Plan Review Section (ladot.cttc@lacity.org or 213-972-8607).

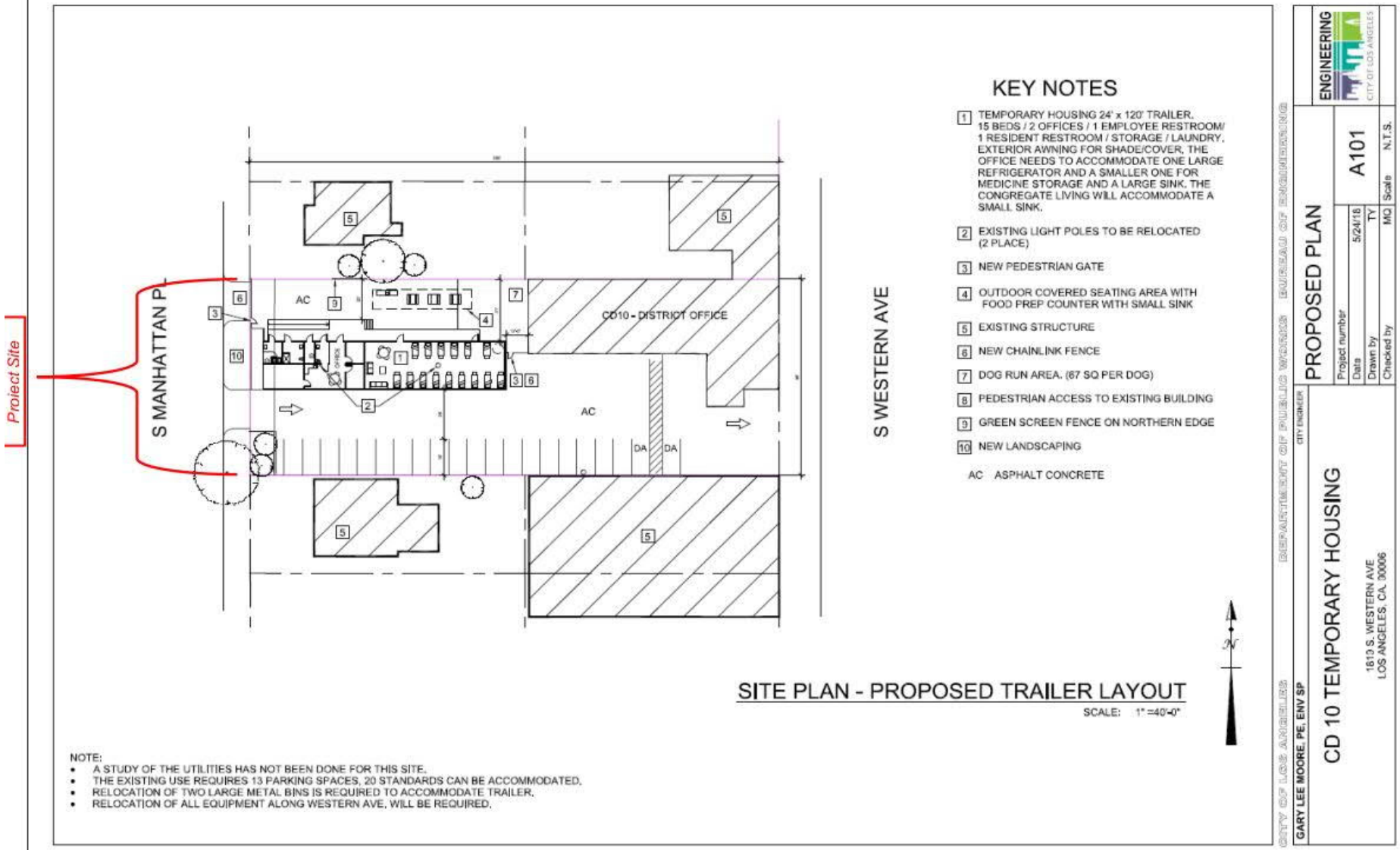
Based on a parking utilization survey conducted on Tuesday September 25, 2018, the technical memorandum determined that of the 36 parking stalls at 1819 South Western Avenue, only two parking stalls were occupied during the a.m. peak hour period and nine parking stalls were occupied during the p.m. peak period. The maximum number of occupied parking stalls was 11 between 11:30 a.m. and 12:00 p.m. The project proposes to maintain 21 parking stalls on-site and is not anticipated to have any significant secondary (parking) impacts.

If you have any questions, please contact Eileen Hunt of my staff at (213) 972-8481.

Attachments
K:\Letters\2018\CEN18-47562_1819 Western Av_CD10 temp hsg_ltr.docx

c: Jordan Beroukhim, CD 10; Bert Moklebust, BOE Development Services; Bhuvan Bajaj, Hollywood-Wilshire District, DOT; Taimour Tanavoli, Case Management, DOT; Raizalyn Chau/Noel Casil, AECOM

ATTACHMENT 1
CEN18-47562_1819 WESTERN AVE CD10



AECOM Imagine it. Delivered.

CD-10 Western Avenue Bridge Housing Project

Figure 2 Project Site Plan

Trip Rates									
Land Use	Source	Unit	Weekday						
			Daily	AM Peak Hour			PM PeaK Hour		
				In	Out	Total	In	Out	Total
Permanent Supportive Housing/Special Needs	LADOT[1]	DU/Beds	1.27	0.05	0.07	0.12	0.07	0.05	0.12

[1] LADOT Transportation Impact Study Guidelines, December 2016

Trip Generation								
Land Use	Quantity (Beds)	Weekday						
		Daily	AM Peak Hour			PM PeaK Hour		
			In	Out	Total	In	Out	Total
Western Avenue Bridge Housing	15	20	1	2	3	2	1	3

AECOM Imagine it. Delivered.

CD-10 Western Avenue Bridge Housing Project

Table 1 Project Trip Generation

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ATTACHMENT B

CEQA NOTICE OF EXEMPTION

LAYFAYETTE PARK BRIDGE HOUSING PROJECT
625 SOUTH LAYFAYETTE PARK PLACE, LOS ANGELES, CA 90057

COUNTY CLERK'S USE	CITY OF LOS ANGELES OFFICE OF THE CITY CLERK ROOM 395, CITY HALL LOS ANGELES, CALIFORNIA 90012 CALIFORNIA ENVIRONMENTAL QUALITY ACT	CITY CLERK'S USE

NOTICE OF EXEMPTION

(Articles II and III – City CEQA Guidelines)

Submission of this form is optional. The form shall be filed with the County Clerk, 12400 E. Imperial Highway, Norwalk, California, 90650, pursuant to Public Resources Code Section 21152(b). Pursuant to Public Resources Code Section 21167(d), the filing of this notice starts a 35-day statute of limitations on court challenges to the approval of the project.

LEAD CITY AGENCY AND ADDRESS: City of Los Angeles c/o Bureau of Engineering, 1149 S. Broadway, MS 939, Los Angeles, CA 90015	**COUNCIL DISTRICT** 10
PROJECT TITLE: CD 10 Lafayette Park Place Bridge Housing Facility	**LOG REFERENCE** C.F. No. 18-0392

PROJECT LOCATION: 625 South La Fayette Park Place, Los Angeles, CA 90057 T.G. 634 B3

DESCRIPTION OF NATURE, PURPOSE, AND BENEFICIARIES OF PROJECT The project is a temporary homeless shelter that will operate for up to 3 years and will provide emergency shelter, hygiene, storage, food services and case management to homeless individuals. The site property is located within the Wilshire Community Plan Area of the City of Los Angeles in Council District 10 (CD 10) at 625 South La Fayette Park Place, Los Angeles, CA, 90057, Assessor's Parcel Number (APN) 507-700-6901. The nature of this project is to serve the local homeless community within the surrounding Wilshire community. The project design plan includes a new single-story 7,200 square-foot modular tent structure on a City-owned parcel that includes one (1) lot. The lot totals approximately 30,127 square feet. The project design includes up to 70 beds within the tented area, a 480 square-foot hygiene trailer, a free-standing shade structure, a 960 square-foot administration trailer, a 1,300 square-foot exterior dining area, a 130 square-foot food preparation and serving area and 385 square feet for a 165-bin storage room. Floor space totals 8,640 square feet, including the temporary tent structure. Outside areas include a 500 square-foot outdoor pet area, bike racks, a smoking area and general open space. There is no existing parking on the site. Minor alterations to existing utilities and 475 linear-feet of street and onsite fencing fence are also included in the project. Up to three (3) trees will be removed and will be replaced onsite according to Department of Recreation and Parks specifications. Minimal grading at less than a 10 percent slope will occur to replace existing asphalt, to install utilities and tent footings. The purpose is to provide emergency shelter for the homeless to help bridge their transition from living on the streets to finding services and, ultimately, living in transitional and/or permanent housing. The proposed project will be operated by the City of Los Angeles through Los Angeles Homeless Services Authority, or another City vendor. Full staff will be onsite during daytime operational hours to provide services. The site will be continuously staffed, 24 hours a day, with security personnel, and provided with security directional lighting. Standard conditions, including a construction management plan incorporated into the project design, will apply. The project will not significantly impact environmental resources. Project beneficiaries include the homeless community, the public, and local businesses. On _____the Board of Recreation and Parks Commissioners determined this action was exempt from CEQA and approved the project.

CONTACT PERSON: Maria Martin **TELEPHONE NUMBER:** 213-485-5753

EXEMPT STATUS: (Check One)

	CITY CEQA GUIDELINES	STATE CEQA GUIDELINES
☐ MINISTERIAL	Art. II, Sec. 2.b	Sec. 15268
☐ DECLARED EMERGENCY	Art. II, Sec. 2.a(1)	Sec. 15269(a)
☐ EMERGENCY PROJECT	Art. II, Sec. 2.a(2)(3)	Sec. 15269(b)(c)
☐ GENERAL EXEMPTION	Art. II, Sec. 1	Sec. 15061(b)(3)
☒ CATEGORICAL EXEMPTION*	Art. III, Sec.1. Class 1(8)(12)	Sec. 15301 (h) Sec. 15303 (c)
	Art. III, Sec.1.Class 4(1)(3)(6)	Sec. 15304 (a)(b)(e)
☐ STATUTORY*	Art. _____	Sec. _____

* See Public Resources Code Sec. 21080 and set forth state and city guidelines provisions.

JUSTIFICATION FOR PROJECT EXEMPTION: CEQA Article 19, Sections 15301, Class 1 (h) *Existing Facilities*, 15303 Class 3(c) *New Construction of Small Structures*, 15304 Class 4(a)(b)(e) *Minor Alterations to Land*. The project is also categorically exempt under the *City of Los Angeles CEQA Guidelines,* Art. III, Sec. 1, Class 1(8)(12) *Existing Facilities,* Class 4(1)(3)(6) *Minor Alterations to Land*. None of the limitations set forth in State CEQA Guidelines 15300.2 apply, see attached narrative.

IF FILED BY APPLICANT, ATTACH CERTIFIED DOCUMENT OF EXEMPTION FINDING

SIGNATURE: Maria Martin	TITLE: Environmental Affairs Officer Environmental Management Group	DATE:
FEE: $75.00_____ RECEIPT NO.	REC'D BY	DATE

DISTRIBUTION: (1) County Clerk (2) City Clerk (3) Agency Record

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*C*ATEGORICAL EXEMPTION NARRATIVE

I. PROJECT DESCRIPTION

The project is a temporary homeless shelter that will provide emergency shelter, hygiene, storage, food services, and case management to homeless individuals, and will operate on a temporary basis, for up to 3 years. The site property is located within the Wilshire Community Plan Area of the City of Los Angeles in Council District 10 (CD 10) at 625 South La Fayette Park Place, Los Angeles, CA, 90057, Assessor's Parcel Number (APN) 507-700-6901, as shown in *Figure 1 - Project Location Map and Figure 2 – Assessor's Parcel Map* (Reference 1).

The project design plan includes a new single-story 7,200 square-foot modular tent structure on a City-owned parcel that includes one (1) lot. The lot totals approximately 30,127 square feet. The project design includes up to 70 beds within the tented area, a 480 square-foot hygiene trailer, a free-standing shade structure, a 960 square-foot administration trailer, a 1,300 square-foot exterior dining area, a 130 square-foot food preparation and serving area; and a 385-square foot 165-bin storage room. Outside areas include a 500 square-foot outdoor pet area, bike racks, a smoking area and general open space. Floor space totals 8,640 square feet, including the temporary tent structure. Minor alterations to existing utilities and 475 linear-feet of street and onsite fencing fence are also included in the project. Three (3) trees will be removed and currently there is no parking on the site. The purpose of the project is to provide emergency shelter for the homeless to help bridge their transition from living on the streets to finding services and, ultimately, living in transitional and/or permanent housing.

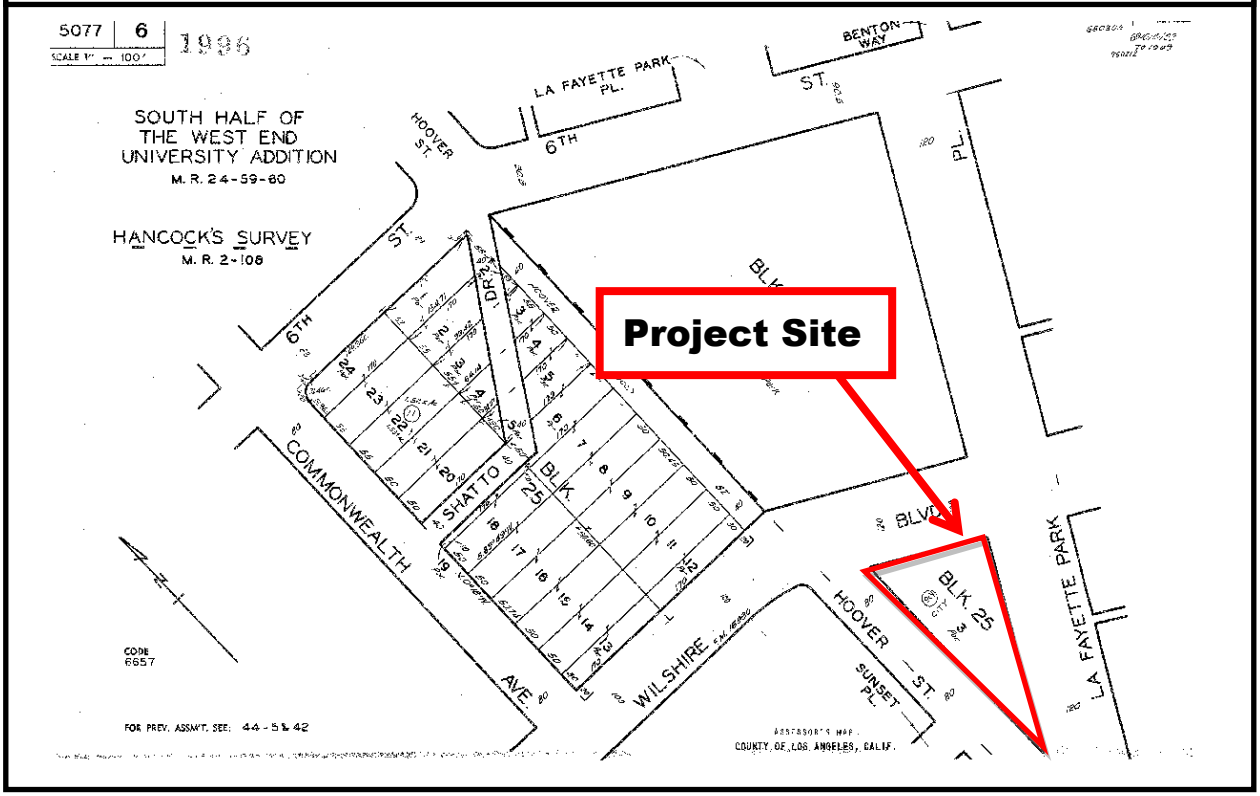
The project site is located at the southeast intersection of Wilshire Boulevard and Hoover Avenue, just south of Lafayette Park. Currently, the project site is considered as part of Lafayette Park, with tennis courts, 25 trees, landscaping and no parking. The project design will utilize existing onsite trees as possible however, the removal of up to three (3) trees will be required to make room for the shelter. All removed trees will be replaced onsite according to RAP's specifications.

Parcels that surround the site on the west, east and south are zoned for commercial land uses. Lafayette Park is directly across the street to the north. The proposed project site encompasses approximately 30,127 square feet, is triangular-shaped, bounded by roadways on all sides and is a lot that is part of the larger Lafayette Park parcel to the north. It is located approximately one mile to the northeast of the Hollywood I-101 Freeway, just south of Wilshire Boulevard and generally bounded by Wilshire Boulevard to the north, 7th Street to the south, Hoover Avenue to the west, and Lafayette Park Place to the east. The project is located in a Transit Priority Area, generally between Hoover Avenue and Alvarado Boulevard along Wilshire Boulevard which is a designated Avenue I (i.e., right of way width of 100 feet and roadway width of 70 feet) in the City of Los Angeles Mobility Plan. The closest transit stop is at the corner of Wilshire Boulevard and South Coronado Street, approximately 760-feet from the project site. Regional transit access to the site a major transit stop at the Metro Red Line is approximately 0.5 mile to the east of the site at Alvarado Street Station. The project site is also in a Los Angeles Enterprise Zone

Figure 1 – Project Location



Figure 2 – Assessor's Parcel Map



and the Westlake Recovery Redevelopment Area. The project is consistent with both the City of Los Angeles Municipal Code (LAMC) and the Los Angeles General Plan so will not significantly impact environmental resources.

The proposed project will be operated by the City of Los Angeles through Los Angeles Homeless Services Authority, or another City vendor. Full staff will be onsite during daytime operational hours to provide services. The site will be continuously staffed, 24 hours a day, with security personnel, and provided with security directional lighting. Standard conditions, including a construction management plan incorporated into the project design, will apply. The project will not significantly impact environmental resources.

The project design shall comply with a construction management plan that includes project design conditions, as necessary, to protect the health, safety, or convenience of affected sensitive receptors, located in the neighborhood that surrounds the project. The construction management plan and appropriate design conditions have been selected from the *City of Los Angeles, Bureau of Engineering, Master Specifications, Division 01, General Requirements, Section 01562, Part 1.1.C*. Selected design conditions are detailed further under applicable resource area analyses (Reference 2). In addition, unless otherwise stated, the proposed project will be designed, constructed and operated following all applicable laws, regulations, ordinances and formally adopted City standards including but not limited to:

- Los Angeles Municipal Code
- Bureau of Engineering Standard Plans
- Standard Specifications for Public Works Construction
- Work Area Traffic Control Handbook
- Additions and Amendments to the Standard Specifications for Public Works Construction
- Department of Recreation and Parks Trees Protection Specifications.

II. PROJECT HISTORY

In the City and County of Los Angeles, the presence of the unsheltered homeless population has been growing over the years, as well as homeless encampments. Because of this, in some areas of the city, access to public places, access routes, and businesses has been hindered, and although there are a growing number of support services to help the homeless find their way off the streets, more services are needed. The latest homeless count in the project area was completed by the Data and Research Unit of the Los Angles Homeless Services Authority. See *Table 1 – Homeless Population Count* for the homeless population count prepared by this Unit on September 8, 2018 for the associated Census Tract (Tract No. 208720) of the project site and for various radii from the site (Reference 3, 4).

Over the years, as the homeless population grew, other similar services to that of the project have developed in the general area (within 5 miles) of the proposed project, as listed in the Homeless Shelter Directory (Reference 5).

Table 1 – Homeless Population Count		
Homeless Population	**Within Census Tract (208720)**	**1.5 miles**
Unsheltered	32	1739
Sheltered	0	748
Total	32	2,487

1) **Los Angeles Youth Network**, 1754 Taft Avenue Los Angeles, California 90028. This service provides shelter and stabilization services for homeless teens ages 12-17.

2) **Salvation Army The Way In Drop In Shelter Fo*r* Youth**, 5939 Hollywood Blvd Los Angeles, CA 90028. This program provides runaway services for youth 12 to 17 years who are in the Hollywood area. Services include a drop-in center, an outreach program and referrals to other programs. Services are restricted to youth in the Hollywood area.

3) **PATH Hollywood**, 5627 Fernwood Ave, Los Angeles, CA 90028. Provides emergency housing for homeless individuals in Los Angeles County, called “Interim Housing”. The purpose of Interim Housing is to provide safe, stable housing for chronically homeless individuals who are waiting for available long-term housing.

4) **Hope for Homeless Youth**, 2406 Kent Street, Los Angeles, CA 90026. Hope for Homeless Youth provide free shelter and rehab programs for troubled youths of the inter city. They target teenage prostitutes, runaways, drug , alcohol addicts & gang members.

5) **Angel's Flight Youth Shelter** 357 S. Westlake Ave, Los Angeles, CA 90057. Angel's Flight Youth Shelter is a temporary shelter for homeless, runaway, and at risk youth ages 10-17. They provide a safe and healthy residence for the youth, with their primary goal being family reunification.

6) **Good Shepherd Center for Homeless Women**, 267 Belmont Ave, Los Angeles, CA 90059. Good Shepherd Center for Homeless Women is a transitional housing residence. They currently have openings and requirements are that residents must be employed a minimum of 20 hours a week.

7) **Salvation Army Glendale Chester Village For Homeless Families**, 320 W. Windsor Rd, Glendale, CA 91204. Salvation Army permanent supportive housing for homeless families. Families must meet the time definition associated with

chronic homelessness (homeless for one year, or homeless 4 or more times in the past three years).

8) **Ascencia - Shelter and Services**, 437 Fernando Court, Glendale, CA 91204. Ascencia is a 40-bed shelter for single adults and families.

9) **Zahn Memorial Center**, 832 W. James M. Wood Blvd, Los Angeles, CA 90015. The Salvation Army's Zahn Memorial Center is the only emergency shelter for families in downtown Los Angeles, and provides individuals in crisis with an immediate, safe place to stay and the resources to begin getting their lives back on track. The Zahn program provides 90 days of emergency housing to 18 chronically homeless families with special needs, and often works with families referred to The Salvation Army from the Department of Mental Health, the Los Angeles County Public Health Office of AIDS Programs and Policy, and the Los Angeles Homeless Services Authority Street Outreach Team.

10) **Friends Helping Friends LA Transitional Housing**, 3701 Cherrywood Ave, Los Angeles, CA 90018. The mission at Friends Helping Friends is to provide safe and comfortable housing to those who are homeless and those at risk of homelessness. They are dedicated to breaking the cycle of homelessness by providing the resources and support necessary to promote positive, healthy and independent living.

The above services are local and provide similar services as those of the proposed project, such as educational and vocational support, training, job placement, hygiene, housing referrals, etc.

III ENVIRONMENTAL REVIEW

A. Basis for Categorical Exemption

A project qualifies for a *State CEQA Guidelines Article 19, (State Guidelines) Section 15301, Class 1, Existing Facilities* exemption if it includes maintenance or minor alteration of existing public facilities, or topographical features, involving negligible or no expansion of use. Furthermore, *Class 1(h)* consists of maintenance of existing landscaping. The project includes a minor alteration of existing public facilities and topographic features, with negligible expansion of use, and includes clearing of invasive shrubs and maintenance of the majority of existing landscaping (onsite trees). As such, this project is consistent with the application of this exemption and it is being applied.

A project qualifies for a *City CEQA Guidelines, Article III, Section 1 (City Guidelines) Class 1, Existing Facilities* exemption if it includes maintenance or minor alteration of existing public facilities and topographical features involving negligible or no expansion of use beyond what previously existed. Furthermore, *Class 1(8)* includes maintenance of existing landscaping and *Class 1(12)* consists of outdoor lighting and fencing for security purposes. This project includes a minor alteration of existing public facilities with negligible expansion of use where the majority of existing landscaping will be maintained and existing on-site

lighting and security fencing will be maintained with minor alterations. As such, this project is consistent with the application of this exemption and it is being applied.

A project qualifies for a *State Guidelines Section 15303 Class 3, New Construction of Small Structures,* exemption if it consists of the construction and location of limited numbers of new, small structures. Furthermore, *Class 3(c)* includes new construction of a store, motel, office, restaurant or similar commercial structure not exceeding 10,000 square feet in floor area on sites zoned for such use, where all necessary public services and facilities are available, and the surrounding area is not environmentally sensitive.

The project design plan includes a new single-story 7,200 square-foot modular tent structure on a City-owned parcel that includes one (1) lot. This project is located in the densely populated, highly urban Wilshire community of the City of Los Angeles. The project is next to Lafayette Park and MacArthur Park, where there is a high concentration of homeless people who live on the sidewalks in encampments. Therefore, this project is not adjacent to environmentally sensitive areas. The project site is zoned in the Wilshire Community Plan as OS-1XL with an Open Space land use designation. The Mayor and the City Council have declared an emergency shelter crisis within the City of Los Angeles. Per LAMC Section 12.80, a shelter for the homeless may be established and operated on property owned or leased by the City of Los Angeles in any zone as a matter of right without regard to the number of beds or number of persons served. This project qualifies as a similar commercial structure to a motel, office, and/or restaurant because the uses and functions of the project are very similar to those types of structures, such that it provides shelter for homeless individuals, has a small amount of office space for administration, and has facilities for hygiene, food preparation, and dining. The project does not involve significant amounts of hazardous substances, since only normal household chemicals will be used in the operation of the office space. Therefore, based on analyses, this project is less than the 10,000 square-foot limit, the project site does not contain environmentally sensitive areas and has readily available public services and facilities. As such, this project is consistent with the application of this exemption.

A Project qualifies for a *State CEQA Guidelines (State Guidelines) Section 15304 Class 4 and City Guidelines Article III, Class 4, Minor Alterations to Land,* which include minor public alterations to the condition of land which does not involve the removal of mature, scenic trees, except for forestry and agricultural purposes. *State Guidelines Class 4(a) and City Guidelines Class 4(1)* include minor grading on land that occurs with a slope of less than 10%. *State Guidelines Class 4(b) and City Guidelines, Class 4(3*) include minor alterations of new landscaping. *State Guidelines Class 4(e)* and *City Guidelines Class 4(6)* include a temporary use of land that has no permanent effect upon the environment. Only asphalt is being replaced with utility trenches/footings at a depth of 4 feet below grade, and the slope of the land is and will be less than 10%. Three non-scenic trees will be removed, and replaced according to City of Los Angeles Department of Recreation and Parks specifications. Minor alterations to existing landscaping are also proposed. The project will only be on the site for no more than three years and no significant adverse impacts have been identified. As such, this project is consistent with the application of the exemption and it is being applied.

B. Consideration of Potential Exceptions to Using a Categorical Exemption

The *State CEQA Guidelines (CCR Sec 15300.2)* limit the use of categorical exemptions in the following circumstances and the City's CEQA Threshold Guidelines further inform and guide the associated significance effects analyses: (Reference 6)

1. Location

Exemption Classes 3, 4, 5, 6 and 11 are qualified by consideration of where the project is to be located – a project that is ordinarily insignificant in its impact on the environment may be significant in a particularly sensitive environment. Therefore, these classes are considered to apply in all instances, except where the project may impact an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies. The project site is located in the highly urban, densely populated Wilshire community of Los Angeles. There is no such area mapped, designated, or adopted on or adjacent to the project site that would be impacted by the project (Reference 1). Therefore, this circumstance does not apply to the use of the Class 3 and 4 exemptions for this project.

2. Cumulative Impact

This exception applies when, although a particular project may not have a significant impact, the cumulative impact of successive projects of the same type in the same place, over time, is significant. No successive projects of the same type in the same place could be identified by reviewing online resources (Reference 4). Other similar local homeless support and shelter projects are planned for the greater Los Angeles area; however, project details for most are too speculative at present for CEQA analysis and feasibility studies are still underway (Reference 5). One project, a temporary shelter site at 711 North Alameda Street received a CEQA exemption and has completed construction. Due to the distance from the project, it would not contribute to cumulative impacts. In addition, it is anticipated that the cumulative impact of these types of projects will not be significant, as homelessness is experienced across the Greater Los Angeles area, within every Council District and feasibility studies are being performed in every District.

In addition, a cumulative impact can occur if existing non-significant impacts become significant if combined with those of ongoing related projects in the area of the same size or greater. Due to many factors, such as the size and type of project, the degree below local and regional thresholds for various resource areas, the small amount of traffic generated, low amount of pollutant emissions and controlled noise levels as part of the project design, it is anticipated that significant cumulative impacts would not occur. For example, the traffic evaluation performed by the LADOT, in *Attachment H - Traffic Information* indicates that a list of related projects is not needed for further review in that negligible impacts are created by the project. To better inform the project description and to consider other possible cumulative impacts, a list of active permits was researched at the Department of Building and Safety within a local radius (1,000 feet) (Reference 7). The active related projects identified within 500 feet of the project site are listed in *Table 2 - Related Projects*.

Table 2 – Related Projects		
Project	**Location**	**Project Description**
New Construction	2806-2810 W 7TH ST 90005	Proposed 166 unit affordable housing with 6,000 sq. Ft. Commercial retail use
New Construction	2867 W SUNSET PL 90005	New 6-story, 60 unit apartment building with 2 levels of subterranean parking.
Expansion of Single Family Dwelling	2851 W 7TH ST 90005	One Story Addition To Single Family Dwelling
Conversion to Dwelling Unit	401 S LA FAYETTE PARK PL 90057	Interior remodeling to permit 2 unpermitted dwelling units in a 5 story, 56- unit Apartment Building

Although, related projects exist within the vicinity of the project, due to the small contribution of the proposed project in relation to related projects in regard to traffic, noise, and air pollution, no cumulative impacts are anticipated. Therefore, the project would have no known impacts that are individually limited but cumulatively considerable and no successive projects of the same type in the same place. Therefore, this exception has no application here.

3. Significant Effect

This exception applies when, although the project may otherwise be exempt, there is a reasonable possibility that the project will have a significant effect due to unusual circumstances.

From Table 2, there are two similarly sized projects and, therefore, related projects in the area. The proposed project is similar in effects as to these projects. The proposed uses under the project for providing shelter, hygiene, storage, food services and administration are not unusual, and they are instead common in the City of Los Angeles and general area for these types of projects, homelessness-oriented projects, as well as numerous other existing surrounding developments that include similar hotel/motel, office, restaurant and retail structures and uses. As described in Section II.B, there are at least 10 similar existing homeless services projects in the general area. This project is consistent with those facilities, and it is consistent with the types of projects that involve the construction of commercial structures up to 10,000 square feet of floor space, in an urbanized environment under the small structures exemption. This project's scale is both small and limited in its three-year duration as a temporary project, which further supports its consistency with the above-noted similar uses and the absence of significant impacts resulting from the project. Therefore, the circumstances of the project are not unusual, and as discussed throughout this document, no significant effects would result from the project.

Each resource area is further discussed below in regard to significant effects due to unusual circumstances. *The City of Los Angeles CEQA Thresholds Guide* is used to help determine threshold screening criteria (Reference 6).

AIR QUALITY

An Air Quality study was conducted in July 2018. These activities were conducted to evaluate potential air quality impacts at the proposed project. This assessment will help inform the California Environmental Quality Act (CEQA) analysis required for the proposed use. The air quality study area for onsite emissions includes the project site and adjacent properties and public spaces where individuals would normally be expected to be present. The study area for offsite mobile-source emissions is the Air Basin.

The project site is located in Wilshire,a central community of the City of Los Angeles. The project site lies at an elevation of approximately 265 feet on flat ground on the eastern edge of the Wilshire community just west of Downtown Los Angeles.

The project site is within the South Coast Air Basin (the Basin). The climate in the Basin is mild and tempered by cool sea breezes. The usually mild climatological pattern is interrupted infrequently by periods of extremely hot weather, winter storms, or Santa Ana winds. Nearby terrain features include MacArthur Park and the flat Westlake community to the east, the hills of the Silverlake community to the north, the flat Wilshire community to the west and the West Adams community to the south. Downtown Los Angeles is one (1) mile to the east. Detailed information about the regional environmental setting can be found in *Attachment B – Air Quality/Greenhouse Gas Resources Information.*

Sensitive Receptors: Sensitive receptors within 500 feet of the project site include residences, schools, day-care centers, parks and other locations where these vulnerable residents could be exposed to air pollution. Existing development adjacent to the site consists of commercial, recreational and residential uses. The closest sensitive receptor for the project is Lafayette Park located across Wilshire Boulevard to the north, approximately 119 feet away from the project site. The nearest multi-family residence is approximately 290 feet west of the project site and the closest school is Theatre of Arts-Youth First approximately 145 feet away to the east. *Table 3 – Sensitive Receptors within 500 Feet* lists all the sensitive receptors within 500 feet of the site. Detailed information about the regulations and standards that have been established by federal agencies to protect air quality resources can be found in *Attachment B – Air Quality Information/Greenhouse Gas Resources Information.*

The Basin is under the jurisdiction of the South Coast Air Quality Management District (SCAQMD). The SCAQMD monitors air quality within the Basin. The SCAQMD is tasked with preparing regional programs and policies designed to improve air quality within the SCAB, which are assessed and published in the form of the South Coast Air Quality Management Plan (SCAQMP). These plans are known as State Implementation Plans (SIPs). SIPs are comprehensive plans that describe how an area will attain national ambient air quality standards (NAAQS).

Table 3 - Sensitive Receptors Within 500 Feet			
Name	**Address**	**Type**	**Distance Away**
Lafayette Park	625 South Lafayette Park Place	Park/Recreation Center	119 feet
Theatre of Arts-Youth First	672 South Lafayette Park Place	Arts education program for at risk kids	145 feet
A World Fit For Kids	678 South Lafayette Park Place	After school program for at risk kids	267 feet
Essex Manor Studio Apartments	2816 Sunset Pl	Multi-family residences	290 feet
Heart of Los Angeles (HOLA)	2701 Wilshire Blvd #100	Non-profit serving at risk youth	343 feet
	2701 Wilshire Blvd	Multi-family residences	343 feet
Tides Senior Apartments	623 S Rampart Ave	Senior Citizen Housing	433 feet
	670 Rampart Ave	Multi-family residences	436 feet
	2848 Sunset Ave	Multi-family residences	451 feet
	672 Rampart Ave	Multi-family residences	467 feet
	674 Rampart Ave	Multi-family residences	493 feet
Wilshire Royale Apartments	2165 Wilshire Blvd	Multi-family residences	466 feet

The California air quality State Implementation Plan (SIP) is updated every four years to evaluate the effectiveness of the adopted programs and policies and to forecast attainment dates for nonattainment pollutants. The primary purpose of an air quality plan is to bring an area that does not attain NAAQS and California Ambient Air Quality Standards (CAAQS) into compliance with those standards pursuant to the requirements of the Clean Air Act and California Clean Air Act. NAAQS and CAAQS have been established for the following criteria pollutants: O_3, carbon monoxide (CO), sulfur dioxide (SO_2), nitrogen dioxide (NO_2), respirable particulate matter less than 10 microns in diameter (PM_{10}), $PM_{2.5}$) and lead (P_b). Because O_3 is not directly emitted in the air—rather it is formed by chemical reactions between nitrogen oxides (NO_x) and volatile organic compounds (VOC) in the presence of sunlight—air quality regulations focus on ozone's precursors. These pollutants are common byproducts of human activities and have been documented through scientific research to cause adverse health effects. State regulatory programs also cover toxic air contaminants (TAC); some criteria air pollutants are also TACs or may include certain TACs in their general definition. In California, motor vehicle travel is a major source of TACs.

The most recent publication is the 2018 SIP Update, which is intended to serve as a regional blueprint for achieving the federal air quality standards and healthful air (Reference 15), The 2018 SIP update represents a thorough analysis of existing and potential regulatory control options, and includes available, proven, and cost-effective strategies to pursue multiple goals in promoting reductions in criteria pollutants, GHG emissions and toxic risk, as well as efficiencies in energy use, transportation, and goods movement. The 2018 SIP Update focuses on demonstrating NAAQS attainment dates for the 2016 8-hour ozone (O_3) standard and the 2016 annual fine particulate matter less than 2.5 microns in diameter ($PM_{2.5}$) standard.

Detailed information about the regulations and standards that have been established by state agencies to protect air quality resources can be found in detail in *Attachment B – Air Quality/Green House Gas Resources Information.*

The City of Los Angeles General Plan Air Quality Element sets forth the goals, objectives, and policies which guide the City in the implementation of its air quality improvement programs and strategies.

> Goal AQ-1 of the Air Quality Element is to provide "good air quality and mobility in an environment of continued population growth and healthy economic structure." The following objectives are applicable to the Proposed Project:
>
> > Objective AQ-1.1: To reduce air pollutants consistent with the AQMP, increase traffic mobility, and sustain economic growth citywide.
> >
> > Objective AQ-1.3: To reduce particulate air pollutants emanating from unpaved areas, parking lots, and construction sites.

Please refer to the screening analysis in *Attachment B - Air Quality/Greenhouse Gas Resources Information* for details of the regulatory setting, including references.

The California Air Pollution Control Officers Association's (CAPCOA) California Emissions Estimator Model (CalEEMod), Version 2013.2.2, was used to quantify emissions from anticipated construction and operations activities (CAPCOA, 2013). The CalEEMod model is approved by SCAQMD. CalEEMod uses emission factors for on-site and off-site emissions. Project construction-related and operation-related criteria air pollutant emissions were estimated using CalEEMod then compared to SCAQMD's Mass Daily Threshold (MST), a regional daily emission threshold for both on-site and off-site construction and operations activities and SCAQMD's Localized Significance Threshold (LST), a local threshold that only applies to construction-related and operations-related on-site emissions to determine significance. For projects less than five acres in area, the SCAQMD has developed look-up tables showing the maximum daily on-site emissions that would not cause an exceedance of any LST.

Mass Daily Threshold (MST), the regional daily emission significance thresholds for both on-site and off-site construction and operations activities for the project are listed in *Table 4 - Mass Daily Thresholds*

Table 4 – Mass Daily Thresholds[a]		
Pollutant	**Construction**	**Operations**
NO_x	100 lbs day	55 lbs day
VOC	75 lbs day	55 lbs day
PM_{10}	150 lbs day	150 lbs day
$PM_{2.5}$	55 lbs day	55 lbs day
SO_x	150 lbs day	150 lbs day
CO	550 lbs day	550 lbs day
LEAD	3 lbs day	3 lbs day
a Source: SCAQMD CEQA Handbook (SCAQMD, 1993)		

SCAQMD has developed Localized Significance Threshold (LST) methods to determine, without dispersion modeling, if a project would cause or contribute to an exceedance of the applicable ambient air quality standard. The LST methods are based on the maximum daily allowable construction-related and operations-related onsite emissions, the total area of the emissions source, the ambient air quality at each identified sensitive receptor in which the emission source is located, and the distance to the nearest exposed individual. For projects less than five acres in area, the SCAQMD has developed look-up tables showing the maximum daily on-site emissions that would not cause an exceedance of any LST. Proposed project on-site emissions should be less than the LST values in order for the proposed activity to not violate or substantially contribute to an existing or projected air quality standard.

The LST methodology was used to assess localized on-site emissions of criteria air pollutants and precursors during construction and operation of the project. The LST analysis does not include off-site emissions from construction or operations vehicle travel on public roadways. SCAQMD's LST methods were used in this analysis to evaluate ambient air quality impacts from proposed project construction. The Central LA Sensitive Receptor Area 1 (SRA 1) thresholds were used for the project site as shown in *Table 5 – Localized Significant Threshold for SRA 1*.

The project site encompasses an area of approximately 0.1 acre; the LST analysis conservatively assumed a 1-acre site because that is the smallest site for which LSTs are available. Distance to the nearest sensitive receptor was assumed to be 25 meters because that is the smallest source-receptor distance provided for the LSTs; actual distances to nearby sensitive receptors would generally be greater than 25 meters.

Table 5 - Localized Significant Threshold for SRA 1[1]						
Central LA SRA 1	**VOC**	**NOx**	**CO**	**SO_2**	**PM_{10}**	**$PM_{2.5}$**
Construction	--	74	680	--	5	3
Operations	--	74	680	--	2	1

Source: TAHA 2018. Notes: [1]Assumes a 1-acre project site and a 25-meter receptor distance for Source Receptor Area 1. The nearest sensitive receptor is a child development center approximately 100 feet southeast of the boundary of the project site. SCAQMD has not developed an LST for VOC emissions.

Construction Assumptions: Construction of the project is expected to begin in March 2019 and would last approximately six months. The estimated construction workforce is a maximum of 12 workers per day. The analysis assumed 371 cubic yards of vegetation and yard waste removal would be required during site clearing, based on City of Los Angeles Department of Public Works, Bureau of Engineering (BOE) estimates. It was assumed that minimal grading would be required and modular buildings would be installed on-grade. Emissions were quantified for onsite construction equipment and offsite sources (haul trucks) transiting within the Air Basin. Estimated peak-day emissions assume overlaps of construction tasks, based on the anticipated construction schedule and equipment utilization. Mass daily combustion exhaust, fugitive dust (PM_{10} and $PM_{2.5}$) and motor vehicle travel to and from the site were modeled. Construction off-site emissions were estimated for worker commutes, haul trucks, and the use of off-road equipment.

Off-site emissions: Construction activity generated air pollutants activities include typical on-road vehicles including, but would not be limited to, flat bed and haul trucks, and asphalt trucks. These emissions sources would primarily use diesel fuel, emitting combustion exhaust gases such as volatile organic compound (VOC), CO, NO_X, sulfur oxides (SO_X), PM_{10}, and $PM_{2.5}$. Off-site emissions associated with vehicle trips to and from the project site during construction would be dispersed throughout the region and would have a nominal localized impact in the project site vicinity.

On-site emissions: The construction sequence of the proposed project would consist of mobilization, site preparation, site work, paving, finishing, and demobilization. Air quality could be impacted by combustion emissions from fossil-fueled off-road equipment and construction vehicles; VOC emissions from applying asphalt, pavement markings, and architectural coatings; and road dust. Construction equipment for the activities described above could include, but would not be limited to, backhoes, generators, vehicles, paving machines, and air compressors. Paving and architectural coating activities would generate VOC emissions. Project construction on-site emissions include exhaust, fugitive dust, particulate matter (PM_{10} and $PM_{2.5}$) from earthmoving activities, and vehicle trips to and from the project site for construction workers, material delivery and hauling.

Operations Assumptions: The operations of the project would generate a small number of motor vehicle trips, estimated to be less than 30 trips per day which will not exceed regional thresholds. Off-site operations-related emissions associated with the daily operations of the proposed project would result in a null generation of criteria pollutant and TAC emissions.

Off-site emissions: The operations day-to-day activity of the project after construction would generate off-site emissions from a variety of sources. The project would be used as a temporary homeless shelter. Operation-related mobile-source off-site emissions would primarily include vehicle trips by employees and homeless patrons to the facility.

On-Site emissions: The operations day-to-day activity of the project after construction would generate on-site emissions from a variety of sources. The project would be used as a temporary homeless shelter. Operational on-site emissions may be both direct and indirect emissions, and would be generated by area, mobile, and energy sources.

Construction Air Quality Impacts: Project emissions were compared to the project-specific local emission LST threshold values in *Table 5 - Localized Significant Threshold for SRA 1* to determine the significance of project impacts. *Table 6 - Maximum Daily Construction-Related Emissions Summary* summarizes construction emissions for a peak construction day, on which the greatest number of construction equipment would be used. Construction activities for the proposed project would generate maximum daily emissions of approximately .8 pounds of VOC, 8.5 pounds of NOx, 5.8 pounds of CO, <0.1 pounds of SO_2, .4.5 pounds of PM_{10}, and .8 pounds of $PM_{2.5}$. Fugitive dust will be controlled per the applicable SCAQMD Rule 403, which applies to construction sites in the SCAB. Project emissions were compared to the project-specific LST values in *Table 6 - Maximum Daily Construction-Related Emissions Summary* to determine the significance of project impacts. *Table 6 - Maximum Daily Construction-Related Emissions Summary* shows that emissions from constructing the proposed project would not exceed any applicable local threshold; therefore, they the project would have no impact to air quality since it would not violate any air quality standard.

The data demonstrate that at no time during construction of the proposed project would maximum daily emissions exceed any applicable SCAQMD thresholds of significance for regional emissions. Regional air pollutant emissions generated by construction of the proposed project would not cause a violation of an air quality standard or contribute to an existing violation.

As shown in referenced *Table 6 - Maximum Daily Construction-Related Emissions Summary* the peak daily construction emissions would not exceed any of the SCAQMD regional or local thresholds. Therefore, the project does not exceed the regional or local on-SCAQMD on-site or off-site construction emissions thresholds. Additional modeling assumptions and details are provided in *Attachment B - Air Quality/Green House Gas Resources Information*.

Table 6 - Maximum Daily Construction-Related Emissions Summary						
Emissions Parameter	**Emissions by Pollutant (lb/day)**					
	VOC	**NO_x**	**CO**	**SO_2**	**PM_{10}**	**$PM_{2.5}$**
On-Site Construction, peak day	.7	7.4	4.3	<.1	3.9	.6
Off-Site Construction, peak day	.4	7.4	2.6	<.1	.6	.2
SCAQMD Mass Daily Threshold, Construction[a]	75	100	550	150	150	55
Exceed Threshold?	NO	NO	NO	NO	NO	NO
SCAQMD Localized Significance Threshold, SRA 1, Construction[b]	NA	74	680	NA	5	3
Exceed Threshold?	NA	NO	NO	NA	NO	NO
Source: TAHA 2018. Notes: [a] Source: SCAQMD CEQA Handbook (SCAQMD, 1993) [b]Assumes a 1-acre project site and a 25-meter receptor distance for Source Receptor Area 1. The nearest sensitive receptor is a child development center approximately 100 feet southeast of the boundary of the project site. SCAQMD has not developed an LST for VOC emissions.						

Operations Air Quality Impacts: The operations of the project would generate a small number of motor vehicle trips, estimated to be less than 89 trips per day which will not exceed regional thresholds. The estimated number of project-related vehicle trips would not exceed any SCAQMD daily thresholds, and thus would not cause a substantial change. Area sources that are anticipated to generate negligible local on-site operations emissions include electricity generated by offsite regional power plants that provide the ability to burn natural gas for space and water heating. Emissions from temporary operations of the proposed project would not exceed any applicable local threshold; therefore, they the project would have no significant effect to air quality since it would not violate any air quality standard

Table 7 - Maximum Daily Operational Emissions						
Emissions Parameter	**Emissions by Pollutant (lb/day)**					
	VOC	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
On-Site Operations, peak day	.2	<.1	<.1	<.1	<.1	<.1
Off-Site Operations, peak day	.2	<.9	2.4	<.1	.6	.2
SCAQMD Mass Daily Threshold, Operation[a]	55	55	550	150	150	55
Exceed Threshold?	**NO**	**NO**	**NO**	**NO**	**NO**	**NO**
SCAQMD Localized Significance Threshold, SRA 1 (lb/day), Operation[b]	NA	74	680	NA	2	1
Exceed Threshold?	NA	**NO**	**NO**	NA	**NO**	**NO**

Table 7 - Maximum Daily Operational Emissions						
Emissions Parameter	**Emissions by Pollutant (lb/day)**					
	VOC	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
Notes: Source: TAHA 2018. [a] Source: SCAQMD CEQA Handbook (SCAQMD, 1993) [b]Assumes a 1-acre project site and a 25-meter receptor distance for Source Receptor Area 1.						

Therefore, the project would result in construction and operational emissions that would not exceed the SCAQMD thresholds will not violate an ambient air quality standard or contribute substantially to an existing violation. Therefore, the project will result in no significant effect to air quality.

Health Risk: The SCAQMD devised its LST values to prevent the occurrence of localized hot spots of criteria pollutant concentrations at sensitive receptor locations surrounding the project site. The LST values were determined using emissions modeling based on ambient air quality measured throughout the SCAB. If maximum daily emissions remain below the LST values during construction activities, it is highly unlikely that air pollutant concentrations in ambient air would reach substantial levels sufficient to create public health concerns for sensitive receptors. As shown in *Table 6 - Maximum Daily Construction-Related Emissions Summary*, maximum daily emissions from sources located on the project site would not exceed any applicable LST values. Therefore, construction of the project would not result in exposure of sensitive receptors to substantial concentrations of criteria pollutants.

Furthermore, according to SCAQMD methodology, health risks from carcinogenic air toxics are usually described in terms of individual cancer risk. “Individual Cancer Risk” is the likelihood that a person exposed to concentrations of TACs over a 30-year lifetime will contract cancer based on the use of standard risk-assessment methodology. Construction of the proposed project would only last for approximately five months, and construction equipment would be in use for a total of no more than eight weeks throughout this time. Therefore, it was assumed that the exposure duration for residential, school, and park receptors would be no longer than three months, or one-quarter year, as the health risk assessment focuses on diesel particulate emissions from onsite sources (construction equipment). No residual emissions and corresponding individual cancer risk are anticipated after construction. All cancer risks would be less than the SCAQMD significance threshold of 10 in a million even when assuming continuous exposure at the location of the maximum modeled concentration. Therefore, the project would result in construction and operational emissions that would not exceed the SCAQMD thresholds will not violate an ambient air quality standard or contribute substantially to an existing violation. Therefore, the project will result in no significant effect to air quality.

The California Office of Environmental Health Hazard Assessment (OEHHA) has also published guidance for estimating health risks. The guidance includes a recommendation for assessing construction-related risks for short-term activities. The project involves five months of construction activities. Over the course of construction activities, average diesel PM emissions from construction equipment would be approximately .144 pounds per day.

Comprehensive experience implementing the OEHHA guidance for development projects has shown that this level of emission over this relatively short time period has no potential to result in a significant health risk. Therefore, there is no anticipated health risk due to the short project construction duration of approximately five months and temporary operation for at least 3 years. Please see additional information, including a health risk assessment screening memo for all potential sensitive receptors showing no significant impacts, in *Attachment F– Human Health Risk Information.*

BIOLOGICAL RESOURCES

A Biological Resource Survey was conducted on the project site on October 12, 2018 to evaluate to evaluate the biological characteristics at the proposed project. This assessment will help inform the CEQA analysis required for the proposed use. The biological study area (BSA) surveyed includes the footprint of the proposed project site, the neighboring sites. The other areas of significance for this assessment are a 500-foot buffer around the combined footprint of the project site and adjacent properties.

The project site occurs in the east-central portion of the U.S. Geological Survey's Hollywood, California, quadrangle. A search of this quadrangle and the surrounding eight quadrangles, including Pasadena, Beverly Hills, South Gate, Burbank, Los Angeles, Venice, Van Nuys, and Inglewood, was made of the California Department of Fish and Wildlife's (CDFW) California Natural Diversity Database (CNDDB) and of the California Native Plant Society's (CNPS) on-line Inventory of Rare and Endangered Plants of California. Additionally, the U.S. Fish and Wildlife Service's (USFWS) online Information for Planning and Consultation (IPaC) database was reviewed for special-status species, sensitive natural communities, and protected areas known from the project vicinity.

Sensitive Receptors: The nearest sensitive receptors to the site include Lafayette Park located across Wilshire Boulevard 119 feet to the north. The nearest multi-family residence is approximately 290 feet west of the project site. Please refer to *Table 3 – Sensitive Receptors 500 Feet Away* for a complete list of the sensitive receptors within 500 feet of the project. The site is in a highly urbanized area, currently developed as part of Lafayette Park and mostly pervious, with the exception of a tennis court. The project site consists of a fenced tennis court with security lighting, a grass lawn and landscaping.

Based on a review of the California Natural Diversity Database (CNDDB), three sensitive vegetative communities have been recorded within the Hollywood and Los Angeles quadrangles, including California Walnut Woodland, Southern Sycamore Alder Riparian Woodland, and Walnut Forest (CDFW 2018a). These communities are generally documented in the CNDDB from about 4-5 miles to the north, in Griffith Park, and farther to the northeast in the Verdugo Mountains. In addition, the site is not mapped within a Los Angeles County Significant Ecological Area or an Environmental Sensitive Habitat Area as referenced in the Wilshire Community Plan. The site lies at an elevation of approximately 265 feet above mean sea level (msl).

Approximately 30 common non-native ornamental trees, a few shrubs and herbaceous plants, and a lawn composed mostly of bare ground with dead grasses were documented

in the project site during the field survey, that primarily occur north of the existing tennis courts, along the northern street frontage and landscape buffer and all throughout the grass lawn on the project site.

Biological Survey Findings: The Biological Survey Findings can be found in detail in *Attachment C – Biological Resources Information*

Federal and State Regulations and Standards: Detailed information about the regulations and standards that have been established by federal and state agencies to protect and conserve biological resources can be found in detail in *Attachment C – Biological Resources Information*

Local Regulations and Standards: The project's compliance with local regulations and standards listed below were assessed, if applicable.

- County of Los Angeles Regional Planning Significant Ecological Areas (SEA) Program
- City of Los Angeles Tree Ordinance
- *Los Angeles Municipal Code*

Thresholds: For the purposes of the CEQA Thresholds Guide, a sensitive biological resource is defined as follows:

- A plant or animal that is currently listed by a state or federal agency(ies) as endangered, threatened, rare, protected, sensitive or a Species of Special Concern or federally listed critical habitat;

- A plant or animal that is currently listed by a state or federal agency(ies) as candidate species or proposed for state or federal listing; or

- A locally designated or recognized species or habitat.

Thresholds for the proposed project are as follows:

- Do known individuals or populations of a sensitive species use or inhabit the site during one or more seasons of the year, according to readily available published accounts, the project proponent and/or property owner?

- Is the project site immediately adjacent to undeveloped natural open space containing native vegetation or does the site appear to serve as a buffer between existing development and more natural habitat areas? Could it be part of a movement corridor or habitat linkage system?

- Is a natural water source, such as a lake, river, vernal pool, ephemeral stream, marsh or the ocean present on or adjacent to the site?

Construction: Implementation of the proposed project would likely result in the removal of some trees, all common non-native ornamental species that are not protected by the City's tree ordinance. Therefore, no direct significant effect because of the removal of ornamental

trees during project implementation is anticipated. In addition, after review of project information and associated technical analyses, no unusual circumstances are known to this office that would cause a significant effect due to unusual circumstances.

Indirect impacts to ornamental vegetation inside and outside the project site could include the accumulation of fugitive dust, and the colonization of non-native, invasive plant species. Other indirect impacts could include an increase in the amount of compacted or modified surfaces that, if not controlled, could increase the potential for surface runoff, increased erosion, and sediment deposition beyond the project's footprint. The project is required to implement Standard Regulations related to fugitive dust (e.g., implementation of Rule 403 measures required by the South Coast Air Quality Management District) and erosion control (e.g., implementation of a Storm Water Pollution Prevention Plan). Therefore, no significant effect of an indirect impact to non-native ornamental trees or to any vegetation biological resources is anticipated. In addition, after review of project information and associated technical analyses, no unusual circumstances are known to this office that would cause a significant effect due to unusual circumstances.

Analysis of Special Status Plant Species**:** Individual special-status plant species could be damaged or destroyed from crushing or trampling during construction activities; however, no federal or State-listed plant species were identified during the site survey or have been recorded from the project site, and special-status plants are not expected to occur in the project site due to a lack of potentially suitable habitat. Since no special-status plants were observed and the site is not suitable for them, none are expected to occur on-site. Therefore, no significant effect to special-status plants is anticipated. In addition, after review of project information and associated technical analyses, no unusual circumstances are known to this office that would cause a significant effect due to unusual circumstances. Therefore, this exception has no application here.

Indirect impacts to special-status plant species occurring outside the project site could result from construction-related habitat loss and modification of sensitive natural communities related to dust, noise, stormwater runoff, and through the potential spread of noxious and invasive plant species into these communities. However, suitable habitat for special-status plants is not present in the urban environment surrounding the project site. Standard Regulations related to fugitive dust and erosion control would be implemented as part of the proposed project. Therefore, no significant effect to indirect impacts to special-status plants is anticipated. In addition, after review of project information and associated technical analyses, no unusual circumstances are known to this office that would cause a significant effect due to unusual circumstances. Therefore, this exception has no application here.

Analysis of Sensitive Natural Communities: Implementation of the proposed project would not result in direct or indirect impacts to any sensitive natural communities. No sensitive natural communities occur within the project site and surrounding area. Additionally, sensitive aquatic habitats under regulatory jurisdiction of United States Army Corps of Engineers, California Department of Fish and Wildlife, and Regional Water Quality Control Board do not occur in the project site or surrounding area. Therefore, no significant effect to sensitive natural communities is anticipated. In addition, after review of project

information and associated technical analyses, no unusual circumstances are known to this office that would cause a significant effect due to unusual circumstances. Therefore, this exception has no application here.

Analysis of Wildlife: Elements of project construction could potentially affect common wildlife. Tree removal and ground disturbance activities could result in the mortality of individual wildlife species, and species with limited mobility or that occupy burrows within the construction zone could be crushed during project activities. Additionally, short-term indirect effects on wildlife would occur when wildlife, primarily urban bird species, avoid the immediate construction area due to noise disturbances, increased human activity, and vibrations caused by heavy equipment. Although wildlife mortality is unlikely and not considered significant, there will be the implementation of and strict adherence to Standard Regulations related to fugitive dust, erosion control, and noise (e.g., properly maintained equipment). Therefore, no significant effect to wildlife is anticipated during operation and maintenance activities of the proposed project. In addition, after review of project information and associated technical analyses, no unusual circumstances are known to this office that would cause a significant effect due to unusual circumstances. Therefore, this exception has no application here**.**

Ornamental trees in the project site and surrounding area provide potentially suitable nesting habitat for urban bird species. As a result, birds protected by the Migratory Bird Treaty Act (MBTA) and the California Fish and Game Code have the potential to nest in and near the project site. However, there will be strict avoidance of vegetation removal during the nesting bird season and strict adherence to Standard Regulations as discussed *in Appendix C – Biological Resources* and others such as conducting pre-construction surveys for nesting birds and providing a biological monitor should nesting birds be present. Therefore, no significant effect to direct impacts of vegetation removal on nesting birds or their associated habitat is anticipated during operation and maintenance activities of the proposed project. In addition, after review of project information and associated technical analyses, no unusual circumstances are known to this office that would cause a significant effect due to unusual circumstances. Therefore, this exception has no application here**.**

Indirect impacts to nesting birds within the vicinity of the project site could occur during construction as a result of noise, dust, increased human presence, and vibrations resulting from construction activities. Disturbances related to construction activities could result in increased nestling mortality due to nest abandonment or decreased feeding frequency. However, there will be strict adherence to Standard Regulations for fugitive dust, erosion control, and noise specific to nesting birds protected by the MBTA and CFGC. Therefore, no significant effect to indirect impacts of nesting birds is anticipated during operation and maintenance activities of the proposed project. In addition, after review of project information and associated technical analyses, no unusual circumstances are known to this office that would cause a significant effect due to unusual circumstances. Therefore, this exception has no application here**.**

Analysis of Special Status Wildlife Species: Individual special-status wildlife species could be directly and indirectly affected during construction in the same manner as described

above; however, no federal or state-listed wildlife species have been identified on-site and potentially suitable habitat for such species is absent from the project site and surrounding area. Therefore, no significant effect to direct and indirect impacts to special-status wildlife is anticipated during operation and maintenance activities of the proposed project. In addition, after review of project information and associated technical analyses, no unusual circumstances are known to this office that would cause a significant effect due to unusual circumstances. Therefore, this exception has no application here**.**

Analysis of Wildlife Movement Corridor: The project site does not serve as a regional wildlife corridor and, as a result, direct and indirect impacts to a regional wildlife movement corridor would not occur. Therefore, no significant effect to direct and indirect impacts to localized bird movement is anticipated during operation and maintenance activities of the proposed project. In addition, after review of project information and associated technical analyses, no unusual circumstances are known to this office that would cause a significant effect due to unusual circumstances. Therefore, this exception has no application here**.**

Operations: Impacts to vegetation, special-status plant species, and sensitive natural communities during operations and routine maintenance of the CD10 Lafayette Park Bridge Home Shelter are not anticipated. Only ornamental vegetation would occur on-site upon project completion and special-status plants are not expected to occur in the project site or surrounding area due to a lack of suitable habitat. Therefore, no significant effect to vegetation, special-status plants and sensitive natural communities is anticipated during operation and maintenance activities of the proposed project. In addition, after review of project information and associated technical analyses, no unusual circumstances are known to this office that would cause a significant effect due to unusual circumstances. Therefore, this exception has no application here.

Impacts to wildlife, special-status wildlife species, and wildlife movement would be limited. Activities would be conducted within previously disturbed and developed surfaces containing only ornamental vegetation, and would generally not change biological conditions from those present prior to and after project construction. Therefore, no significant effect to wildlife, special-status wildlife species, and wildlife movement, is anticipated during operation and maintenance activities of the proposed project. In addition, after review of project information and associated technical analyses, no unusual circumstances are known to this office that would cause a significant effect due to unusual circumstances. Therefore, this exception has no application here.

CULTURAL RESOUCES

Cultural Resources and Paleontological surveys were conducted in September 2018 to evaluate potential historical, cultural, archaeological and paleontological impacts of the proposed project. This study will help inform the CEQA analysis required for the proposed use. The project area, or Area of Potential Effects (APE) analyzed in this section is defined as the proposed project site and the surrounding area within a .25-mile radius of the project boundary. The project area is located on the United States Geological Survey (USGS) Hollywood 7.5-minute quadrangle.

The site is in a highly urbanized area, previously developed and mostly paved. The site is in a highly urbanized area, currently developed as part of Lafayette Park and mostly pervious, with the exception of a tennis court. The project site consists of a fenced tennis court with security lighting, a grass lawn and landscaping. All these surrounding areas do not include any cultural resources. The site lies at an elevation of approximately 265 feet above mean sea level (msl). There are at least eleven (11) previously recorded cultural resources within a .25 mile of the project site. In addition, the site is not mapped within Cultural Resource Area as referenced in the Wilshire Community Plan.

Prehistoric Setting: Prior to the establishment of the missions in southern California, the area in and around Los Angeles was primarily occupied by the Gabrieleño Native American tribe (Gabrieleño), named after the Mission San Gabriel. Gabrieleño territory was composed of coastal areas, islands, valleys, and foothills, with a patterning of larger settlements. Villages were placed where there was access to a variety of environments and resources, and a system of satellite camps stemming from main villages was then established for the specific procurement of resources. The project area is mapped as having surficial deposits of older Quaternary alluvium. These unconsolidated to weakly consolidated deposits date to the late Pleistocene and consist of alluvial clay, sand, and gravel, including alluvial fan sediments. (Reference 8).

Cultural Resources Survey: Detailed information about the cultural resources survey can be found in detail in *Attachment D – Cultural Resources Information*

Federal and State Regulations and Standards: Detailed information about the regulations and standards that have been established by federal and state agencies to protect and conserve cultural resources can be found in detail in *Attachment D – Cultural Resources Information*

Local Regulations and Standards: The City of Los Angeles maintains a list of all sites, buildings, and structures that have been designated through the City of Los Angeles Cultural Heritage Ordinance as Historic-Cultural Monuments (HCMs). Section 22.171.7 of the Cultural Heritage Ordinance states that an HCM is any site (including significant trees or other plant life on the site), building, or structure of particular historic of cultural significance to the City of Los Angeles, including historic structures or sites in which the broad cultural, economic, or social historic of the nation, state, or community is reflected or exemplified; or that is identified with historic personages or with important events in the main currents of national, state, or local history; or that embodies the distinguishing characteristics of an architectural type specimen, inherently valuable for a study of a period, style, or method of construction; or a notable work of a master builder, designer, or architect whose individual genius influenced his or her age. Any person may apply for the proposed designation of HCM, and the Cultural Heritage Commission determines whether or not the proposed designation merits consideration.

The Conservation Element of the City of Los Angeles General Plan (adopted September 2001) specifically addresses paleontological resources in Section 3 of Chapter 2. The Conservation Element's paleontological objective is to "protect the city's archaeological and paleontological resources for historical, cultural, research and/or educational purposes."

Moreover, its policy is to “continue to identify and protect significant archaeological and paleontological sites and/or resources known to exist or that are identified during land development, demolition or property modification activities.”

An archival records search for the project area was conducted on September 26, 2018 at the South Central Coastal Information Center housed at California State University, Fullerton. The research focused on the identification of previously recorded cultural resources within a .25-mile radius of the proposed project footprint. The archival research included review of previously recorded archaeological site records and reports, historic site and property inventories, and historic maps. Inventories of the National Register of Historic Places (NRHP), the California Register of Historical Resources (CRHR), the California State Historic Resources Inventory, California Historical Landmarks and Points of Interest, and the list of City of Los Angeles Historic-Cultural Monuments were also reviewed to identify cultural resources within a .25-mile radius of the APE.

The literature search returned nine (9) previous cultural resources investigations have been conducted within 0.25 mile of the project area. These include four cultural resources surveys and determination requests prepared for cell phone tower sites, three cultural resources surveys associated with rail corridor projects, and two cultural resources surveys of parcels to be developed as apartment complexes. None of these studies overlap the planned project area. Detailed information regarding the previously recorded cultural resources investigations can be found in *Attachment D – Cultural Resources Information.*

California State Historic Resources Inventory: *Table 8 - Properties on the State Historic Preservation Office (SHPO)* – Historic Resource Inventory *(HRI) list* provides a list of SHPO HRI sites, located near the project site.

Table 8 - Properties on the State Historic Preservation Office Historic Resource Inventory

Primary Number	Historic Address	Time Period	Eligibility Evaluation
166819	672 S. Lafayette Park Place; Granada Shoppes and Studios	1927	Listed in the NRHP by the Keeper; listed in the CRHR
187018	2619 Wilshire Blvd; Wilshire Royale Hotel	1927	Determined eligible for NRHP by consensus through the Section 106 process; listed in CRHR
166849	2701 Wilshire Boulevard; Bryson Apartment Hotel	1912	Determined eligible for NRHP through tax certification; listed in CRHR
174876	2959 Wilshire Blvd; Town House Apartment Hotel	1929	Not yet evaluated by OHP; contributor to a district determined eligible for NRHP by Keeper; listed in CRHR

Table 8 - Properties on the State Historic Preservation Office Historic Resource Inventory			
Primary Number	**Historic Address**	**Time Period**	**Eligibility Evaluation**
176437	2959 Wilshire Blvd; North Parking Garage	1928	Contributor to a district determined eligible for NRHP by Keeper; listed in CRHR
176436	2959 Wilshire Blvd; Annex Building and South Garage	1929	Determined ineligible for NRHP by State Historical Resources Commission or Keeper; not evaluated for CRHR
176438	2959 Wilshire Blvd; Lanai Building	1948	Determined ineligible for NRHP by State Historical Resources Commission or Keeper; not evaluated for CRHR
176439	2959 Wilshire Blvd; Lanai Buildings	1948	Determined ineligible for NRHP by State Historical Resources Commission or Keeper; not evaluated for CRHR
176440	2959 Wilshire Blvd; Swimming Pool	1942	Determined ineligible for NRHP by State Historical Resources Commission or Keeper; not evaluated for CRHR
176435	2959 Wilshire Blvd; The Town House	1928	Determined eligible for NRHP by Keeper; listed in CRHR
174876	2965 Wilshire Blvd; Town House Annex	1929	Received for evaluation by OHP but not yet evaluated
166850	3050 Wilshire Blvd; Bullocks Wilshire Building	1929	Listed in NRHP by the Keeper; listed in CRHR

California Historical Landmarks: California Historical Landmarks are buildings, structures, sites, or places that have been determined to have statewide historical interest. A search of the California Historical Landmarks list revealed no California Historic Landmarks within 0.5 mile of the project area.

Los Angeles Historic-Cultural Monuments (LAHCMs)*:* LAHCMs are sites in Los Angeles that have been designated by the Los Angeles Cultural Heritage Commission. A search of the LAHCMs found five monuments within 0.5 mile of the project area are shown on *Table 9 - Los Angeles Historic-Cultural Monuments* within 0.5 Mile of the Project Area. These include three historic hotels, one commercial building, and the Granada Shoppes and Studios mixed-use complex.

Table 9 - Los Angeles Historic-Cultural Monuments Within 0.5 Mile of the Project Area	
LAHCM Number	**Historic Name/Description**
56	Bullock's Wilshire Building
238	Granada Shoppes and Studios
267	Park Plaza Hotel
576	The Town House
653	Bryson Apartment Hotel

In addition, the City's Framework EIR was checked for identified resources (Reference 9). Prehistoric and historic archaeological sites or vertebrate paleontological resources are mapped in the vicinity of the project. Invertebrate paleontological of unknown potential is mapped for the entire general area (Reference 9).

An archaeological field survey of the project area was conducted on September 26, 2018. The purpose of the survey was to identify and record cultural resources that are at least 45 years old and evaluate any discovered resources for historical significance based on criteria for listing in the CRHR. Throughout the surveyed areas, the soil is predominantly a densely packed light tan, fine-grained silty sand with worn cobble and pebble granitic inclusions. Previous ground disturbance associated with landscaping and utilities excavations and other construction activities appears to have impacted much of the park Archaeological survey focused on those areas where soil was visible, such as planters and landscaped areas. These areas were walked over in transects of 5 meters or less and carefully inspected.

An approximately 110-foot by 120-foot portion of the project area is currently occupied by tennis courts. Other parts of the project area are obscured by sidewalks and landscaping. However, approximately 50 percent of the project area consists of largely exposed soils. The portions of the project area with visible soil consist of the triangle south of the tennis courts, the northwest tip of the project area, and earth areas surrounding the perimeter of this part of the park. These undeveloped areas of the park had good surface visibility ranging from approximately 90 percent to approximately 20 percent. Vegetation, wood chips, and modern refuse obscured visibility.

Throughout the surveyed areas, the soil is predominantly a densely packed light tan, fine-grained silty sand with worn cobble and pebble granitic inclusions. Previous ground disturbance associated with landscaping and utilities excavations and other construction activities appears to have impacted much of the park. In the course of the field survey, no archaeological resources meeting the age criterion of 45 years or more were identified.

Methodology: Geologic maps indicate that the project area lies within an area mapped as having surficial deposits of Quaternary alluvium. Older Quaternary alluvial deposits in the City of Los Angeles have yielded significant fossils. However, the shallow excavations associated with the proposed project, which are not anticipated to exceed four (4) feet in

depth, are unlikely to yield intact fossils. Building permits indicate that all four parcels within the project area were graded after 1961. Soils at the relatively shallow depths required for project excavations can reasonably be assumed to have been disturbed in the recent past, by grading, by utilities excavations, and by the construction of the existing tennis courts. If potential fossil remains are encountered by the proposed project, work will be temporarily halted in the vicinity of the find and BOE will contact a qualified paleontologist to evaluate. As such, the following actions will be implemented during the construction phase of the project:

1. Retain a Qualified Paleontologist to prepare and present a paleontological resources awareness training for construction personnel prior to the start of excavation.

2. Perform initial paleontological spot-checking of excavation to determine if native sediments of the Pleistocene-aged San Pedro Sand or older alluvium (Palos Verdes Sand) are present in the top 4 feet of the site. The level of paleontological effort will be modified by the Qualified Paleontologist based on the results of the initial spot checking, and in consultation with the City:

    a. If native sediments are observed, full-time monitoring will be implemented in those areas. A letter documenting the monitoring approach and discovery procedures will be submitted to the City and a curation agreement will be obtained from the Natural History Museum of Los Angeles County.
    b. If native sediments are not observed, the Qualified Paleontologist shall remain on-call to respond to any unanticipated fossil discoveries.

3. In the event of an unanticipated fossil discovery when a paleontologist is not on-site, work must halt within 25 feet of the find until the Qualified Paleontologist can evaluate the discovery and make treatment recommendations.

Thresholds: The CEQA Guidelines include procedures for identifying, analyzing, and disclosing potential adverse impacts to historical resources. The CEQA Guidelines defines a “historical resource” as a resource that meets any of the following criteria:

- A resource listed in, or determined to be eligible for listing in, the National Register of Historic Places (NRHP) or California Register of Historical Resources (CRHR).

- A resource included in a local register of historical resources, as defined in Section 5020.1(k) of the Public Resources Code (PRC), unless the preponderance of evidence demonstrates that it is not historically or culturally significant.

- A resource identified as significant (e.g., rated 1–5) in a historical resource survey meeting the requirements of PRC Section 5024.1(g) (Department of Parks and Recreation Form 523), unless the preponderance of evidence demonstrates that it is not historically or culturally significant.

- Any object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be historically significant or significant in the architectural,

engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California, provided the determination is supported by substantial evidence in light of the whole record. Generally, a resource is considered "historically significant" if it meets the criteria for listing on the California Register of Historical Resources.

- A resource that is determined by a local agency to be historically or culturally significant even though it does not meet the other four criteria listed here (CEQA Guidelines Section 15064.5; PRC §s 5097.94 and 5097.98).
- Recent legislation known as Assembly Bill 52 amended CEQA to add another category of cultural resource—Tribal Cultural Resources (TCRs).

The proposed project would have an adverse effect on archaeological resources if the proposed project is located in an area with archaeological resources, human remains having archaeological associations or an archaeological study area and involve grading, excavation, accelerated erosion, or other activities or changes to the site that could affect archaeological resources. Also, Tribal Cultural Resources could be affected if the proposed project occurs in an area with a Native American sacred place or involves grading, excavation, accelerated erosion, or other activities. The implementation of the proposed project would have an adverse effect on paleontological resources if it results in the disturbance of surface or subsurface fossils, either through site preparation, construction or operational activities, or through an increase in human activities at or near the fossil site. Further, historical resources on the project site or in the vicinity can be adversely impacted by the project through demolition, construction or alteration.

Impact Analysis: Based on the results of the archival research and field survey, there is low potential that archaeological resources will be encountered during ground-disturbing activities for the proposed project. Ground disturbance required for the proposed project will not exceed 4 feet in depth. Soils at the relatively shallow depths required for project excavations can reasonably be assumed to have been disturbed in the recent past, by grading, by utilities excavations, and by the construction of the existing tennis courts.

If archaeological resources are encountered during ground-disturbing activities, work will be temporarily halted in the vicinity of the find and BOE will contact a qualified archaeologist to evaluate and determine appropriate treatment for the resource in accordance with Public Resources Code (PRC) Section 21083.2(i). With adherence to established regulations, the proposed project would have no significant effect to any archaeological resources. Therefore, no significant effect to archaeological resources is anticipated. In addition, after review of project information and associated technical analyses, no unusual circumstances are known to this office that would cause a significant effect due to unusual circumstances. Therefore, this exception has no application here.

The Sacred Lands File did not indicate the presence of Native American cultural resources in the project area. Assembly Bill 52 Native American consultation letters for this project were mailed out to the individuals listed below. No responses have been received at the time of this writing. A consultation log that includes individuals who were contacted for this study can be found in *Attachment D - Cultural Resources Information*. Consultation on

tribal cultural resources is pending ongoing. All replies will be forwarded to the City of Los Angeles who will conduct follow-up communication. One response was received and forwarded to the city. No other responses have been received.

The sensitivity of the project area for tribal cultural resources appears low. However, if any Native American cultural material is encountered within the project site, interested Native American parties established in the contact program or through consultation with the lead agency should be notified to apprise them of any such findings. If any Native American cultural material is encountered, LABOE should determine during consultation with the tribe if the resources constitute tribal cultural resources and solicit any comments the Native American parties may have regarding appropriate treatment and disposition of the resources.

If human remains are discovered during construction, work in the immediate vicinity of the discovery will be suspended and the Los Angeles County Coroner contacted. If the remains are deemed Native American in origin, the Coroner will contact the NAHC and identify a Most Likely Descendant pursuant to PRC Section 5097.98 and California Code of Regulations Section 15064.5. Work may be resumed at the landowner's discretion but will only commence after consultation and treatment have been concluded. Work may continue on other parts of the project while consultation and treatment are conducted. With adherence to established regulations, the proposed project would not impact human remains. Due to the low sensitivity of the project area and with adherence to established regulations, the project would not create a significant effect to tribal cultural resources. Therefore, no significant effect to tribal cultural resources is anticipated. In addition, after review of project information and associated technical analyses, no unusual circumstances are known to this office that would cause a significant effect due to unusual circumstances. Therefore, this exception has no application here.

The project area is located wholly within an area marked as older Quaternary deposits (Reference 8). Excavations in Hollywood quadrangle have yielded fossils of horse, bison, camel, and mastodon at depths ranging from 5 feet to 65 feet in older Quaternary alluvium (Reference 10). Please refer to *Attachment D - Cultural Resources Information* for more detailed information.

Since the project is not anticipated to impact significant cultural resources and since the project design includes specifications for the preservation of unanticipated cultural resources finds, no significant effect to cultural resources is anticipated. Furthermore, based on the results of the archival research and cultural resources survey, there is low potential that any cultural resources will be encountered during ground-disturbing activities for the proposed project. No further work is recommended at this time. Therefore, no significant effect to historic resources is anticipated. In addition, after review of project information and associated technical analyses, no unusual circumstances are known to this office that would cause a significant effect due to unusual circumstances. Therefore, this exception has no application here.

GREEN HOUSE GASES

A Greenhouse Gases (GHG) study was conducted in October 2018 to evaluate potential GHG impacts of the proposed project. This study will help inform the CEQA analysis required for the proposed use. The project study area is the South Coast Air Basin and the project site.

Greenhouse Gas Emissions Characteristics: The standard definition of GHG emissions refers to the atmospheric presence of the following six gaseous substances: carbon dioxide (CO_2); methane (CH_4); nitrous oxide (N_2O); hydrofluorocarbons (HFCs); perfluorocarbons (PFCs); and sulfur hexafluoride (SF_6). Tropospheric ozone and black carbon are also important climate pollutants. CO_2 is the most abundant GHG, and collectively CO_2, CH_4, and N_2O amount to 80 percent of GHG effects.

CO_2, CH_4, and N_2O concentrations have increased in the atmosphere since pre-industrial times, and this increase is the main driver of climate change. Globally, CO2 increased by 40 percent from 278 parts-per-million ppm circa 1750 to 390.5 parts-per-million in 2011.2 During the same time interval, CH_4 increased by 150 percent, from 722 parts-per-billion (ppb) to 1,803 ppb, and N_2O by 20 percent, from 271 ppb to 324.2 ppb in 2011. The increase of CO_2, CH_4, and N_2O is caused by anthropogenic emissions from the use of fossil fuel as a source of energy, fertilizer usage, and from land use and land use change, in particular, agriculture.

For each GHG, a global warming potential has been calculated to reflect how long emissions remain in the atmosphere and how strongly energy is absorbed on a per-kilogram basis relative to CO_2. Global warming potential is a metric that indicates the relative climate forcing of a kilogram of emissions when averaged over the period of interest (both 20-year and 100-year horizons are used for the global warming potential). To account for this higher potential, emissions of other GHGs are frequently expressed in the equivalent of CO_2, denoted as CO_2e. CO_2e is a measurement used to account for the fact that different GHGs have different potential to retain infrared radiation in the atmosphere and contribute to the greenhouse effect.

California GHG Emissions Inventory and Achievements: The California Air Resources Board (CARB) has prepared a statewide emissions inventory covering 2000 to 2014, which concluded that GHG emissions have decreased by 7.9 percent over that period. Emissions in 2014 from the transportation sector, which represents California's largest source of GHG emissions and contributed 37 percent of total annual emissions, declined marginally relative to 2011 even while the economy and population continued to grow over that three year time period. The long term direction of transportation related GHG emissions is another clear trend, with a 13 percent drop over the past ten years (Reference 11).

Statewide, mobile vehicular sources account for approximately 36 percent of GHG emissions as of 2014. Direct stationary sources of emissions include solid waste decomposition, haul trucks, and the use of refrigerants. The emissions in 2011 are the lowest of the 12-year period between 2000 and 2011, while 2004 had the highest emissions at 495 million metric tons (MMT) CO2e. From 2000–2011 California's population grew by 10.5 percent. As a result, California's per capita GHG emissions

decreased by 11.9 percent over that same period. Emissions were of similar magnitude from 2011–2014 (Reference 12).

Federal Regulations: The absence of federal regulations for GHG emissions is typically approached by the State of California by the establishment of a broad policy framework for the state's long-term GHG emissions-reduction and climate change adaptation program. These polices have been established to develop statewide action plans that set emissions-reduction targets for existing sources of GHG emissions, that promote renewable energy and increase energy efficiency. However, the State framework is used as a threshold to screen City of Los Angeles projects. The project's compliance with the regulations and standards listed below were assessed. Detailed information regarding the regulatory setting for GHG can be found in *Attachment B – Air Quality/Greenhouse Gas Resources Information.*

State Regulations: Key statewide GHG regulations that are directly applicable to the project are included below:

- *Executive Order S-3-05 (E.O. S-3-05)*
- *Executive Order B-16-2012 (2012)*
- *Executive Order B-30-15 (2015)*
- *Assembly Bill 1493—Pavley Rules (2002, amendments 2009)/Advanced Clean Cars (2011)*
- *Renewable Energy Standard/Renewable Portfolio Standard (2002/2006/2011)*
- *Assembly Bill 32*
- *Senate Bill 350 (2015)*
- *Senate Bill 375 (SB 375)*
- *State CEQA Guidelines (2010)*

Regional Regulations:

- *Southern California Association of Governments (SCAG)*

Local Regulations:

- *City of Los Angeles Climate Action Plan*
- *South Coast Air Quality Management District*
- *SCAG 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy for Los Angeles*

Thresholds: The SCAQMD has developed draft thresholds for various types of projects. The proposed project type is closest to a non-industrial project. Therefore, this analysis compares the amortized construction and operational emissions to the SCAQMD draft threshold of 3,000 $MTCO_2e$ per year. SCAQMD recommends that construction emissions associated with a project be amortized over the life of the project (typically 30 years) and added to the operational emissions. The proposed project comprises a temporary housing facility with an operational lifetime of three years. Therefore, this analysis includes a quantification of the total modeled construction-related GHG emissions, which are then

amortized and evaluated over the three-year life of the proposed project. Detailed information regarding the thresholds for GHG can be found in *Attachment B – Air Quality/Greenhouse Gas Resources Information.*

Construction: Heavy-duty off-road equipment, materials transport, and worker commutes during construction of the proposed project would result in exhaust-related GHG emissions. GHG emissions were estimated using CalEEMod to obtain daily emissions and a spreadsheet to annualize emissions based on projected equipment hours. As shown in *Table 6 - Maximum Daily Construction-Related Emissions Summary*, the total construction-related and operational CO_2e of 134 $MTCO_2e$ associated with the proposed project would be less than the 3,000 $MTCO_2e$ threshold.

The significance of GHG emissions from construction is not determined independently but is considered together with operational GHG emissions. It is highly unlikely that construction of any individual project would generate GHG emissions of sufficient quantity to conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing GHG emissions. Standard construction procedures would be undertaken in accordance with SCAQMD and CARB regulations applicable to heavy duty construction equipment and diesel haul trucks. Adhering to requirements pertinent to construction equipment maintenance and inspections and emissions standards, as well as diesel fleet requirements including idling time restrictions and maintenance, would ensure that construction of the proposed project would not be inconsistent with GHG emissions reductions efforts and, therefore, would not create a significant effect.

Operations: GHG emissions generated during the operational phase of the proposed project would include emissions from mobile sources, energy consumption, water consumption, waste disposal, and area sources. GHG emissions were estimated using CalEEMod to obtain daily emissions and a spreadsheet to annualize emissions based on projected equipment hours. As shown in *Table 10 - Maximum Annual Greenhouse Gas Emissions*, the total construction-related and operational CO_2e of 134 $MTCO_2e$ associated with the proposed project would be less than the 3,000 $MTCO_2e$ threshold.

The significance of GHG emissions from operations is not determined independently but is considered cumulatively with construction GHG emissions. It is highly unlikely that operations of any individual project would generate GHG emissions of sufficient quantity to conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing GHG emissions.

Table 10 - Maximum Annual GHG Emissions

Emissions Category	**CO_2e (Metric Tons per Year)**
Construction Emissions Amortized (Direct)[1]	10.7
Area Source Emissions (Direct)	<0.1
Mobile Source Emissions (Direct)	118.2
Energy – Natural Gas Emissions (Direct)	<0.1
Waste Disposal Emissions (Indirect)	<0.1
Water Distribution Emissions (Indirect)	5.0

Table 10 - Maximum Annual GHG Emissions	
Emissions Category	**CO_2e (Metric Tons per Year)**
Total Emissions	**134**
SCAQMD Proposed Threshold (MT CO_2e/year)[2]	3,000
Exceed Threshold?	**No**
Source: TAHA 2018 [1]Amortized construction emissions obtained by dividing total construction emissions by 3 years. [2]SCAQMD 2010.	

Cumulative (Construction and Operations): The proposed project is consistent with anticipated long-term statewide strategies to reduce GHG emissions. As shown in the referenced *Table 10 - Maximum Annual Greenhouse Gas Emissions*, the total annual amortized annual construction-related and annual operational-related GHG emissions of 134 MT CO_2e associated with the project would be less than the 3,000 MT CO2E/year threshold being used by the City of Los Angeles for non-industrial project. The 134 MTCO_2e annual emissions represents approximately 4.4 percent of the annual significance threshold for non-industrial projects. Thus, the project would not generate GHG emissions either directly or indirectly, that would have a significant effect on the environment. Combined annual operations and annual construction emissions amortized over the life of the project of 3 years, the total CO_2e is not expected to exceed the City's threshold of 3,000 MT CO_2e per year for non-industrial projects.

The relatively small magnitude of GHG emissions associated with the project both during construction and operations render any efforts to further reduce emissions to less than 134 MT CO_2e emissions per year to be essentially unnecessary. Any of the broad-scale shifts needed to meet the reduction goals are outside of the control of the City and beyond the scope of the project that is proposed. Furthermore, the project is surrounded by a robust regional transportation system from Metro and Los Angeles Department of Transportation (LADOT). These public transit lines serve the Greater Los Angeles region. Therefore, the project is not inconsistent with the RTP/SCS. The de minimus amount of GHG generated by the project has no potential for the project to interfere with attainment of 2030 or 2050 statewide GHG reduction goals.

As discussed previously, GHG emissions are regionally cumulative in nature and it is highly unlikely construction of any individual project would generate GHG emissions of sufficient quantity to conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing GHG emissions. Therefore, the project would have no significant effect to GHG.

Noise

A Noise and Vibration study conducted in October 2018. This study will help inform the CEQA analysis required for the proposed use. The noise sensitive land uses (NSLUs) within 500 feet of the site include Lafayette Park that is located across Wilshire Boulevard to the north approximately 119 feet away from the project site and the nearest multi-family residence is approximately 290 feet west of the project site. The site is in a highly urbanized area, currently developed with a tennis court and landscaping. See *Figure 3* -

Noise and Vibration Sensitive Receptors. Short term noise (ST) monitoring station locations are shown in *Figure 4 – Noise Monitoring Locations.*

Figure 3 - Noise and Vibration Sensitive Receptors



Figure 4 - Noise Measurement Locations (ST 1 and ST 2)



The site is in a highly urbanized densely populated area, currently developed as part of Lafayette Park and mostly pervious, with the exception of a tennis court. Also, the addition of new stationary HVAC equipment is expected to be located on the eastern side of the proposed project area. The project site consists of a fenced tennis court with security lighting, a grass lawn and landscaping.

Noise and Vibration Characteristics and Effects:

Please refer to the screening analysis in *Attachment G – Noise Information* for details about Noise and Vibration Characteristics and Effects

Federal and State Noise Standards: Please refer to the screening analysis in *Attachment G – Noise Information* for details about the Federal and State Noise and Vibration Noise Standards.

Local Regulations and Standards: The proposed project is within the jurisdiction of the City of Los Angeles. The City of Los Angeles has established policies and regulations concerning the generation and control of noise that could adversely affect its citizens and noise-sensitive land uses.

City of Los Angeles Municipal Code (LAMC)

Los Angeles Noise Ordinance (LAMC): The City of Los Angeles Municipal Code, Chapter IV, Article 1, Section 41.40; and Ordinance No. 161,574 (The City Noise Ordinance) address noise generated at construction sites, including permissible hours of construction. In addition, operational noise from both stationary and mobile sources is regulated by the City.

The City Noise Ordinance states that construction and industrial machinery shall not exceed a maximum of 75 dBA at a distance of 50 feet to a residentially zoned property or within 500 feet thereof, except where compliance is technically infeasible. In addition, construction activities are restricted during different hours of the day - no person shall perform any construction or repair work that makes loud noises that disturb persons occupying sleeping quarters in any place of residence between the hours of 9:00 p.m. of one day and 7:00 a.m. of the following day.

As explained in the project description, the project design shall comply with a construction management plan that includes project design conditions, as necessary, to protect the health, safety, or convenience of affected sensitive receptors, located in the neighborhood that surrounds the project. The construction management plan and appropriate design conditions have been included from the *City of Los Angeles, Bureau of Engineering, Master Specifications, Division 01, General Requirements, Section 01562, Part 1.1.C.* These general requirements include a list of general conditions to further control construction noise and vibration, as needed, as listed in the described specification.

1) Construction or use of noise barriers, enclosures, or blankets;
2) Use of low noise, low vibration, low emission-generating construction equipment, e.g., *(quieter)* Tier 4 engines, as needed;

3) Maintenance of mufflers and ancillary noise abatement equipment;

4) Scheduling high noise producing activities during periods that are least sensitive;

5) Routing construction related truck traffic away from noise-sensitive areas;

6) Reducing construction vehicle speeds; and/or

7) Locate equipment as far as feasible from sensitive receptors.

Design methods that can be considered to further lower operations noise levels may include, but are not limited to:

1) Selection of mechanical equipment designed to produce low noise levels. This includes the mechanical (i.e., heating, ventilation, air-conditioning [HVAC]) equipment for heating and cooling interior spaces;

2) Locating mechanical equipment inside the building or shielding it with screens, walls (including parapet walls for rooftop equipment), acoustical louvers, or other noise control devices;

3) Designing the building shell to contain noise within the building. This includes proper specifications for windows, doors, and ventilation systems;

4) Limiting the maximum noise levels that may be produced by activities within the project;

5) Orienting doors, windows, and other openings away from NSLUs. Where windows or emergency doors need to be oriented toward homes or other noise-sensitive uses, ensure they remain closed when not in use; and

6) Considering all of the above noise control methods in the final architectural and engineering designs and specifications for project construction.

Thresholds: According to the *L.A. CEQA Thresholds Guide* (2006), a project would normally have a significant construction noise impact if:

- Construction activities lasting more than one day would exceed existing ambient exterior noise levels by 10 dBA or more at a noise sensitive use;
- Construction activities lasting more than 10 days in a three-month period would exceed existing ambient exterior noise levels by 5 dBA or more at a noise-sensitive use; or
- Construction activities would exceed the ambient noise level by 5 dBA at a noise sensitive use between the hours of 9:00 p.m. and 7:00 a.m. Monday through Friday, before 8:00 a.m. or after 6:00 p.m. on Saturday, or at any time on Sunday.

According to the *L.A. CEQA Thresholds Guide* (2006), a project would normally have a significant operational noise impact if the project causes:

- The ambient noise level measured at the property line of affected uses to increase by 3 dBA in CNEL to or within the "normally unacceptable" or "clearly unacceptable" category, or any 5 dBA or greater noise increase.

Additionally, the City Noise Ordinance Section 112.02 states that operational noise (e.g., HVAC equipment, etc.) shall not cause the noise level on the premises of any occupied property other than the site to exceed the ambient noise level by more than 5 dBA. This threshold is more conservative than the CEQA Threshold Guide's option of 5 dBA or more, in that the noise increase is measured at the nearest occupied property rather than the nearest sensitive land use (i.e., NSLUs or affected use). Therefore, LAMC Section 112.02 is being used for an operational noise threshold in this assessment. The LAMC Section 112.04 also restricts excess mechanical noise between the hours of 10:00 p.m. and. 7:00 a.m. of the following day in residential zones and within 500 feet of a residential zone. Excess noise during this period is defined as loud, raucous or impulsive sound. This is also being used as a nighttime qualitative threshold.

Construction-related noise was analyzed using data and modeling methodologies the Federal Highway Administration's (FHWA's) Roadway Construction Noise Model (RCNM) (FHWA 2006, 2008), which predicts average noise levels at nearby noise sensitive receptors by analyzing the type of equipment, the distance from source to receptor, usage factor, and the presence, or absence, of intervening shielding between source and receptor. This methodology calculates the composite average noise levels for multiple equipment items. The source-to-receptor distances used in the analyses were the acoustical average distances between the relevant construction area and each receptor. The acoustical average distance is used to represent noise sources that are mobile or distributed over an area (such as the project site); it is calculated by multiplying the shortest distance between the receiver and the noise source area by the farthest distance and then taking the square root of the product. Construction is expected to require the general equipment types shown in See *Attachment G - Noise Information, Table 2 – Estimated Construction Noise Reference Levels* for each equipment type and the corresponding average noise level at 50 feet is shown.

The proposed project construction activities are expected to involve typical equipment, including pneumatic impact tools, saws, cranes, compressors and trucks. Reference maximum noise levels for such conventional construction equipment range between 74 and 85 dBA at a distance of 50 feet from the sound-producing source (FHWA, 2006). See *Attachment G - Noise Information* for further information on noise control.

Construction: Based on the measured noise levels, the proposed project area has an exterior daytime noise levels between approximately 58 and 65 dBA. During the construction period, the projected construction activity noise levels have been calculated to be no more than 57.5 dBA at 50 feet. *Table 11 - Estimated Construction Noise Levels at Noise Sensitive Land Uses* presents the estimated noise levels for project construction. Because the projected construction noise levels are below that of existing ambient noise levels, the project is anticipated to have no significant effect to construction noise as CEQA impact thresholds are not expected to be exceeded.

Table 11 - Estimated Construction Noise Levels at Noise Sensitive Land Uses							
Noise-Sensitive Land Use	**Baseline Daytime Outdoor Ambient* (L_{eq}, dBA)**	**Estimated 9-hour Workshift L_{eq} (dBA) per Construction Phase**					
		Demolition (3 days)	Grading (14 days)	Trench-ing (15 days)	Building Erection (4 months)	Finishes (TBD)	Re-paving (7 days)
Essex Manor Apts. 2816 Sunset Place (first floor)	58	57.5	57.8	57.5	55.3	53.6	55.6
Essex Manor Apts. 2816 Sunset Place (second floor)	58	57.4	57.6	57.4	55.2	53.4	55.5
2815 7th Street (first floor)	64	44.1	44.4	44.1	41.9	40.1	42.2
2815 7th Street (second floor)	64	44.0	44.3	44.0	41.8	40.0	42.1
Bryson Family Apts. 2701 Wilshire Blvd. (first floor)	65	55.0	55.3	55.0	52.8	51.0	53.1
Bryson Family Apts. 2701 Wilshire Blvd. (third floor)	65	54.8	55.0	54.8	52.6	50.8	52.9
Bryson Family Apts. 2701 Wilshire Blvd. (fifth floor)	65	54.6	54.8	54.6	52.3	50.6	52.6
Bryson Family Apts. 2701 Wilshire Blvd. (seventh floor)	65	54.3	54.6	54.3	52.1	50.3	52.4
Bryson Family Apts. 2701 Wilshire Blvd. (ninth floor)	65	54.1	54.4	54.1	51.9	50.1	52.2
Notes: dBA = A-weighted decibel; TBD = to be determined.							

Using the 9-hour workshift estimated L_{eq} values from *Attachment G – Noise Information, Table 2 - Estimated Construction Noise Reference Levels* and project design measures required by City standard conditions, predicted construction noise levels at the indicated floor elevations of the three nearest representative NSLU are presented in *Table 11 - Estimated Construction Noise Levels at Noise Sensitive Land Uses*. As shown in *Table 11 - Estimated Construction Noise Levels at Noise Sensitive Land Uses*, none of the predicted values in exceed the indicated baseline daytime outdoor ambient sound level by 5 dBA or more. Please note that noise barriers will not be required. In addition, as further explanation included in *Attachment G - Noise Information*, short term ambient noise levels were monitored and construction noise levels will be below CEQA thresholds of less than a 5 dBA increase at noise sensitive receptors, therefore no significant effects to noise are anticipated.

Operations: Operational noise from the project is expected to be primarily due to the addition of new stationary HVAC equipment that will located on the eastern side of the proposed project area. This analysis considers the aggregate of HVAC noise emanating from a single point-source at approximately pedestrian height (about 5 feet). In such a

heavily trafficked urban area of Los Angeles, the expected change to the outdoor sound environment based on altered roadway traffic flows attributed to operation of the proposed project is likely to be negligible. The combined operational noise levels from all on-site project noise sources will not exceed or 40 dBA at any occupied property other than the project site during the nighttime hours of 10:00 p.m. to 7:00 a.m. Please refer to *Table 12 – Estimated Operational Noise Levels at Occupied Properties.* Per *Attachment G - Noise Information*, estimated operation noise levels at occupied properties at project stationary sources are not expected to produce noise levels that would cause significant increases to the outdoor ambient sound environment at the studied nearest representative occupied properties. The proposed project will be designed and constructed so that all operational noise is controlled to comply with the noise standards of the LAMC at premises of any occupied property other than the site. Therefore, no significant effect from operational noise expected to exceed CEQA impact thresholds, as well as the local noise ordinance, therefore, this project will create no significant effect to noise.

Table 12 - Estimated Operations Noise Levels at Occupied Properties

Occupied Property/	**Baseline Nighttime Outdoor Ambient (L_{eq}, dBA)***	**Distance to HVAC Equipment (feet)**	**Estimated HVAC Noise Level at Occupied Property**	**Compliant with LAMC 112.02** (increase in outdoor ambient more than 5 dBA)?
Essex Manor Apts. 2816 Sunset Place (first floor)	53	300	29	Yes
2815 7th Street (first floor)	53	325	28	Yes
Bryson Family Apts. 2701 Wilshire Blvd. (first floor)	60	300	29	Yes

Vibration: Anticipated ground vibration due to operation of construction equipment and vehicles on the proposed project site has been predicted with a technique based on the FTA "general assessment" method and available data for construction activities. Among the construction equipment and vehicles shown in *Attachment G - Noise Information, Table 2 – Estimated Construction Noise Reference Levels*, during grading activities the roller would be expected to produce the largest magnitude of vibration. FTA guidance indicates that such equipment produces a reference vibration velocity level of 94 VdB at a distance of 25 feet. Assuming this operating vibratory roller is no closer than 200 feet to the apparent residential NSLU represented by 2816 Sunset Place, the estimated vibration velocity level would be less than 48 VdB and thus well below the aforementioned 85 VdB threshold for annoyance. Nearby existing commercial buildings along South La Fayette Park Place and Hoover Street opposite the proposed Project site are sufficiently distant—due to street width—to avoid risk of building façade damage associated with ground-borne vibration due to onsite construction equipment operation. Therefore, operating equipment

associated with construction of the project are not expected to result in significant annoyance at the nearest studied land use and no further vibration reduction measures would be necessary to comply with FTA-based guidance. No impacts from construction vibration are anticipated. As such, with appropriate design and use of standard specification, including construction management plan conditions, this project will not result in significant effects relating to noise or noise related impacts, such as vibration. Please refer to the *Attachment G - Noise Information,* for a description of the *Standard Public Works Specifications* that will be incorporated into the design of the project

TRAFFIC

A traffic study was conducted in October 2018 to evaluate the potential traffic impacts of the proposed project. The project site is located in the northwest portion of the San Pedro community of the City of Los Angeles. The project site is generally bounded by Wilshire Boulevard to the north, 7th Street to the south, Hoover Avenue to the west, and Lafayette Park Place to the east. The project study area that is the basis of this analysis re based on LADOT MOU requirements for the project.

The project will temporarily convert a southerly lot of Lafayette Park that currently is a fenced tennis court with security lighting, landscaping and grass into a bridge housing facility. There is no parking on the lot. The site is located approximately one mile northeast of the Hollywood I-101 Freeway, just south of Wilshire Boulevard and The project is located in a Transit Priority Area, generally between Hoover Avenue and Alvarado Boulevard along Wilshire Boulevard which is a designated Avenue I (i.e., right of way width of 100 feet and roadway width of 70 feet) in the City of Los Angeles Mobility Plan. The closest transit stop is at the corner of Wilshire Boulevard and South Coronado Street, approximately 760-feet from the project site. Regional transit access to the site via a major transit stop at the Metro Red Line is approximately 0.5 mile to the east of the site at Alvarado Street Station. 7th Street has a bicycle path that provides east and west access and Rampart Avenue has a bicycle path that provides north and south access to other bicycle paths in the project vicinity. Existing pedestrian access is provided along Wilshire Boulevard, Hoover Street, Lafayette Park Place and 7th Street via sidewalks on both sides of the street.

State Regulations: The Los Angeles Congestion Management Program (CMP) is a state-mandated program enacted by the State Legislature with the passage of Proposition 111 in 1990, administered by the Los Angeles County Metropolitan Transportation Authority (Metro). The purpose of the CMP is to develop a coordinated approach to managing and decreasing traffic congestion by linking the various transportation, land use, and air quality planning programs throughout the County. One required element of the CMP is a process to evaluate the transportation and traffic impacts of large projects on the regional transportation system. That process is undertaken by local agencies, project applicants, and traffic consultants through a transportation impact report usually conducted as part of the CEQA project review process.

The 2010 Congestion Management Program (CMP) for the County (adopted October 28, 2010) was developed in part to link local land use decisions with their impacts on regional transportation. The CMP identifies a system of highways and roadways, with minimum

levels of service performance measurements designated at LOS E (unless exceeded in base year conditions) for highway segments and key roadway intersections on this system. A traffic impact analysis (TIA) is required for projects that generate at least 50 new trips at CMP intersections during the peak hour or 150 trips to mainline freeway locations. The analysis must: investigate measures which will mitigate the significant CMP system impacts; develop cost estimates, including the fair share costs to mitigate impacts of the proposed project; and, indicate the responsible agency. Selection of final mitigation measures is left at the discretion of the local jurisdiction. Once a mitigation program is selected, the jurisdiction self-monitors implementation through the existing mitigation monitoring requirements of CEQA.

Local Regulations: The City updated the *Transportation Element of the City's General Plan,* now referred to as Mobility plan 2035 or MP 2035, to reflect policies and programs that will lay the policy foundation for safe, accessible, and enjoyable streets for pedestrians, bicyclists, transit users, and vehicles throughout the City of Los Angeles. The MP 2035 and Final EIR were adopted on August 11, 2015 and is compliant with the 2008 Complete Streets Act, which mandates that the circulation element of a city's General Plan be modified to plan for a balanced, multimodal transportation network that meets the needs of all users of streets, roads, and highways, defined to include motorists, pedestrians, bicyclists, children, person with disabilities, seniors, movers of commercial goods, and users of public transportation, in a manner that is suitable to the rural, suburban or urban context of the general plan.

The Mobility Element includes a discussion of the existing roadway infrastructure in the City of Los Angeles. Goals, objectives and policies are included in the transportation element to ensure the efficient circulation with the city and region.

Methodology: A Los Angeles Department of Transportation (LADOT) Transportation Impact Study Memorandum of Understanding (MOU) acknowledges that the Transportation Impact Study for the project be prepared in accordance with the latest version of the LADOT *Transportation Impact Study Guidelines (LADOT Guidelines) (Reference 13).* The LADOT MOU scope of work for the traffic impact analysis is included and analyzed in this study.

Thresholds: The *City's CEQA Threshold Guide's* screening criteria is to analyze if the project will generate and/or cause a diversion or shift of 500 or more daily vehicle trips and 43 vehicles or more during a.m. and p.m. peak hours on the street system, above which, LADOT requires further study to determine impacts.

Based on coordination with LADOT, the following criteria have been established to determine the level of traffic impact analysis needed for the *LADOT Guidelines* Permanent Supportive Housing/Special Needs affordable housing project type:

- If the project generates less than 43 a.m. or p.m. peak hour vehicle trips or 500 vehicles per day, a Technical Memorandum shall be prepared.
- If the project is likely to generate 25 to 42 a.m. or p.m. vehicle trips, then analysis at the adjacent signalized intersection(s) shall be conducted.
    - Because these projects are expected to be constructed and occupied within a year, the analysis should evaluate Existing and Existing plus Project conditions and there would be no need for related projects.

- If the project is likely to add less than 25 a.m. or p.m. peak hour vehicle trips, evaluation of potential project impacts at adjacent signalized intersection(s) is not required.

Trip Generation: In coordination with LADOT during the MOU development process, the calculation of project trips for the proposed project is based on the trip rates for Permanent Supportive Housing/Special Needs affordable housing type included in the *LADOT Guidelines*. As shown in the *LADOT Guidelines*, the rate applies for the number of dwelling units. However, per direction and approval by LADOT, the number of beds provided for the site can be utilized in lieu of the number of dwelling units for the purpose of evaluating the proposed project. The total number of beds provided for the proposed project is 70. *Tables 13 – Trip Rates* and *Table 15 – Operations Trip Generation* provide a summary of the permanent supportive housing/special needs trip rates and calculated trip generation for the operations of the proposed project.

Table 13 - Trip Rates

Land Use	Source	Unit	Daily	AM Peak Hour			PM Peak Hour		
				In	Out	Total	In	Out	Total
Permanent Supportive Housing/ Special Needs	LADOT[1]	DU/Beds	1.27	0.05	0.07	0.12	0.07	0.05	0.12

[1] *LADOT Transportation Impact Study Guidelines, December 2016*

Parking: the proposed project will be constructed at a park and is not anticipated to cause any displacement in parking at the existing site. Employees of the proposed project are expected to use the available on-street parking in the area during their shifts. Therefore, the proposed project is not anticipated to have significant secondary impacts (parking) related to transportation.

Construction: Project construction is anticipated to occur five days a week between the hours of 7:00 a.m. to 4:00 p.m. Construction is projected to commence in the middle of December 2018 and be completed in approximately five months. The estimated number of construction workers ranges from eight (average) to 10 (maximum). Total number of trucks is approximately eight with a maximum of four trucks per day. Staging areas will be located on-site and construction truck routes will be along Wilshire Boulevard.

Project construction traffic will be composed of the combined number of trucks expected for each construction activity and employee vehicles. *Table 14 - Maximum Number of Construction Vehicles per Construction Activity* provides a summary of the anticipated construction traffic for each of the construction activities. For the purpose of this analysis, a maximum number of 10 employees has been assumed and construction truck volumes have been converted to passenger car equivalent (PCE) volumes utilizing a factor of three passenger cars per truck. As shown in the table, it is anticipated that the maximum number of vehicles during the construction period is 14 during the grading stage of construction with a PCE adjusted volume of 22 vehicles. Based on these anticipated construction traffic volumes and the vehicle volume thresholds indicated above, no further

analysis is required at adjacent signalized intersection(s) according to LADOT guidelines. The proposed project is not anticipated to have significant temporary adverse impacts related to transportation.

Table 14 - Maximum Number of Construction Vehicles Per Construction Activity					
Construction Activity	**Demolition**	**Trenching**	**Grading**	**Paving**	**Sprung Structure Installation**
Trucks – Vehicle Volume	2	2	4	2	0
Trucks – PCE Volume[1]	6	6	12	6	0
Auto	10	10	10	10	10
Total (Truck Vehicle + Auto)	*12*	*12*	*14*	*12*	*10*
Total (Truck PCE + Auto)	*16*	*16*	*22*	*16*	*10*

Operations: As shown in *Table 15 – Operations Trip Generation* the proposed project is anticipated to generate 9 a.m. peak hour vehicle trips, 9 p.m. peak hour vehicle trips, and 89 vehicle trips per day. These projected vehicle trips for the proposed project fall below the 25 a.m. or p.m. peak hour vehicle trip thresholds indicated in the criteria above; therefore, no further analysis is required at adjacent signalized intersection(s) according to LADOT guidelines. Based on this determination, the proposed project is not anticipated to have significant permanent adverse impacts related to transportation. The approved LADOT MOU is included in *Attachment H – Traffic Information*

Table 15 – Operations Trip Generation								
Land Use	**Quantity (Beds)**	**Daily**	**AM Peak Hour**			**PM Peak Hour**		
			In	**Out**	**Total**	**In**	**Out**	**Total**
Permanent Supportive Housing/ Special Needs	70	89	4	5	9	5	4	9

Therefore, no significant effect to direct or indirect transportation and traffic resources is anticipated. In addition, after review of project information and associated technical analyses, no unusual circumstances are known to this office that would cause a significant effect due to unusual circumstances. Therefore, this exception has no application here.

4. Scenic Highway

A categorical exemption shall not be used for a project which may result in damage to scenic resources as viewed from a scenic highway, including but not limited to, trees, historic buildings, rock outcroppings, or similar resources, within a highway officially designated as a state scenic highway. The project is not within sight of any state designated scenic highway and will not impact a scenic highway or associated view to a significant historical resource. Therefore, no significant effect to a scenic highway or associated view to a significant historical resource is anticipated. In addition, after review of project information and associated technical analyses, no unusual circumstances are known to this office that would cause a significant effect due to unusual circumstances. Therefore, this exception has no application here.

5. Hazardous Waste Site

This exception applies when a project is located on a site listed as a hazardous waste site under Government Code Section 65962.5. Based on a review of records for this project, the project site was not on lists referred to under Government Code Section 65962.5 (Reference 14). Furthermore, there are no sites listed within 500 feet of the project site. Additionally, as described in *Attachment E - Hazardous Materials Information*, potentially significant impacts related to hazardous materials and hazardous waste are not anticipated to represent a significant effect environmental condition in connection with the project. Therefore, no significant effect to hazardous materials and hazardous waste is anticipated. In addition, after review of project information and associated technical analyses, no unusual circumstances are known to this office that would cause a significant effect due to unusual circumstances. Therefore, this exception has no application here.

6. Historical Resources

This exception applies when a project may cause a substantial adverse change in the significance of a historical resource. As described under the Cultural Resources narrative in this section, the project site does not contain historically significant resources. Also, there is no site with historical significance adjacent to the site. Therefore, no significant effect to historical resources is anticipated. In addition, after review of project information and associated technical analyses, no unusual circumstances are known to this office that would cause a significant effect due to unusual circumstances. Therefore, this exception has no application here.

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REFERENCES

1. City of Los Angeles Department of Planning. *Navigate LA & ZIMAS Map Reviews for Significant Ecological Area Map for Los Angeles City and County, Seismic Study Areas, Land Use* by E. Schoetzow, LA Bureau of Engineering (LABOE EMG), October 24, 2018.

2. City of Los Angeles, Bureau of Engineering. *Master Specification, General Requirements, Section 01562, Part 1.1.C.*

3. Los Angeles Homeless Services Authority. *Search of Homeless Population Density for Temporary Bridge Housing at Lafayette Park*, September 8, 2018.

4. Los Angeles Homeless Services Authority. Online search of LAHSA statistics for Area, by C. Adams, LABOE, September 8, 2018.

5. Homeless Services Directory. *Review of Services within 10 Miles of Project Site*. C. Adams, LABOE-EMG, August 24, 2018, hyperlink at:

   https://www.homelessshelterdirectory.org/cgi-bin/id/city.cgi?city=Los%20Angeles&state=CA

6. City of Los Angeles Environmental Affairs Department. Los Angeles CEQA Thresholds Guide (2006); hyperlink at:

   http://planning.lacity.org/Documents/MajorProjects/CEQAThresholdsGuide.pdf)

7. Online search of addresses in 1,000-Foot Radius for City Dept. for relevant Department of Building and Safety permits by C. Miller, LABOE-EMG, August 20, 2018.

8. Dibblee, T. W., and H. E. Ehrenspeck, editors, 1991. *Geologic Map of the Hollywood and Burbank (South 1/2) Quadrangles, Los Angeles, California.* 1:24000 Scale. Camarillo: Dibblee Geological Foundation.

9. City of Los Angeles Department of Planning. *Los Angeles City-Wide General Plan Framework Environmental Impact Report, Cultural Resources*, January 19, 1995 *hyperlink at:*
   http://cityplanning.lacity.org/HousingInitiatives/HousingElement/FrameworkEIR/GPF_DraftEIR/GPF_FEIR_DEIR2.15.pdf

10. McLeod, Samuel, 2017. Letter re: Vertebrate Paleontology Records Check for Paleontological Resources for the Proposed 1111 Sunset Project, Project Code 17SB02, in the City of Los Angeles, Los Angeles County, Project Area. Appendix B in Appendix IS-4, *Cultural and Paleontological Resource Evaluation and Impact Assessment for the 1111 Sunset Boulevard Project, City of Los Angeles, California,* by Angela H. Keller, Karen K. Swope, Carrie J. Gregory, Michael R. O'Connell, Joseph J. El Adli, and Donn R. Grenda. Online at: https://planning.lacity.org/eir/nops/1111_Sunset/appendices.pdf. Accessed July 23, 2018.

11. CARB, 2016, California Greenhouse Gas Inventory 2000-2014, available at: https://www.arb.ca.gov/cc/inventory/pubs/reports/2000_2014/ghg_inventory_trends_00-14_20160617.pdf

12. CARB, 2014, First Update to the Climate Change Scoping Plan, available at: https://www.arb.ca.gov/cc/scopingplan/document/updatedscopingplan2013.htm.

13. City of Los Angeles LADOT Transportation Impact Study Guidelines, 2016.

14. Review of Cortese Lists (Government Code Section 65962.5) at ca.gov by C. Adams, LABOE-EMG, September 8, 2018.

15. CARB, 2018, State Implementation Plan Background Information at: https://www.arb.ca.gov/planning/sip/background.htm

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ATACHMENTS

A. Project Description Information
B. Air Quality/Green House Gas Resources Information
C. Biological Resources Information
D. Cultural Resources Information
E. Hazardous Materials Information
F. Human Health Risk Information
G. Noise Information
H. Traffic Information

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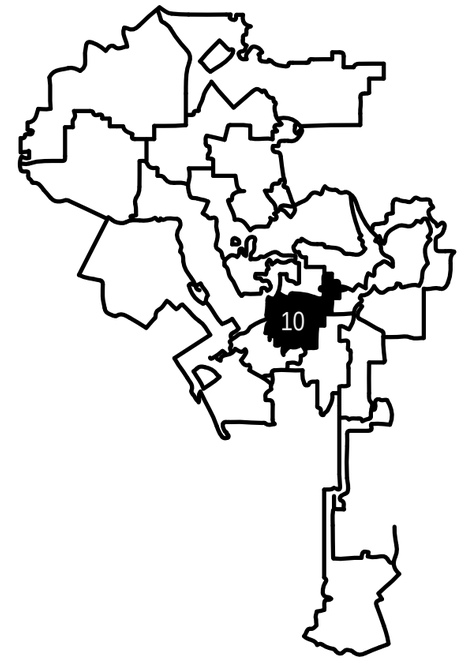
ATTACHMENT A. PROJECT DESCRIPTION INFORMATION

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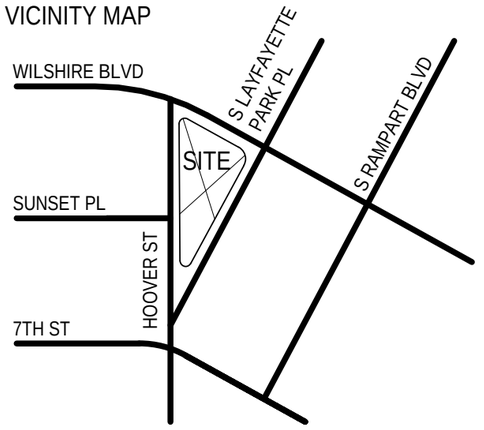


CITY OF LOS ANGELES
A BRIDGE HOME SHELTER

COUNCIL DISTRICT MAP



VICINITY MAP



PROJECT DATA

NUMBER OF HOUSED:	**70 BEDS**
ANTICIPATED COST:	**$X.XXM**
SITE AREA:	**27,900 SF**

CITY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING

ENGINEERING
CITY OF LOS ANGELES

COUNCIL DISTRICT 10

PROJECT DATA

W.O. #	########
Date	05/25/2018
Drawn by	Author
Checked by	Checker
Scale	12" = 1'-0"

A-1

CITY ENGINEER

GARY LEE MOORE, PE, ENV SP

A BRIDGE HOME SHELTER
CD10 LAFAYETTE PARK

682 SOUTH VERMONT AVE, LOS ANGELES, CA 90005

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ATTACHMENT B. AIR QUALITY AND GREENHOUSE GAS RESOURCES INFORMATION

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Memorandum

To	Ms. Heloise Froelich Environmental Management Group Bureau of Engineering, Department of Public Works	Pages 12
Subject	Bridge Housing Project (Council District 10): Air Quality and Greenhouse Gas (GHG) Technical Memorandum	
From	Sam Silverman and Andy Uk, Terry A. Hayes Associates Inc. (TAHA)	
Date	October 31, 2018	

Introduction

This technical memorandum describes potential air quality and GHG emissions impacts of the Bridge Housing Project (proposed project) to be located at 625 South La Fayette Park Place in the Wilshire Community Plan Area of the City of Los Angeles (Council District 10), Los Angeles County, California (subject property). The proposed project consists of a temporary change in property use from a City-owned park to a City-owned temporary emergency homeless shelter for no more than 3 years. The subject property is part of a City of Los Angeles Recreation and Parks Department park, known as La Fayette Park, which is addressed at 625 South La Fayette Park Place. The subject property portion of La Fayette Park is separated from the main larger park site by Wilshire Boulevard. The subject property portion of the park consists of Los Angeles County Assessor Parcel Number (APN) 5077-006-901, which comprises approximately 0.682 acre. No street address is associated with the subject property parcel. The subject property is currently developed with two tennis courts surrounded by landscaping and trees. The proposed project will require the removal of three mature trees, but will be replaced on-site per the current requirements (3 to 1 replacement ratio) of the Recreation and Parks Department. The proposed project would include a new 7,200-square-foot tent structure with 70 beds, a 480-square-foot hygiene trailer, a freestanding shade structure, a 960-square-foot administration trailer, a 1,300-square-foot exterior dining area, a 130-square-foot food preparation and serving area, 385 square-feet of bin storage, 475 linear-feet of street and onsite fencing, a 500-square-foot outdoor pet area, bike racks, a smoking area, and general open space that would serve the local homeless community. As discussed in this memorandum, the proposed project will have no significant adverse effect related to air quality or GHG emissions.

The project design shall comply with a construction management plan that includes project design conditions, as necessary, to protect the health and safety of the community and protect the environment surrounding the project site. The construction management plan and appropriate design conditions have been selected from the *City of Los Angeles, Bureau of Engineering, Master Specifications, Division 01, General Requirements, Section 01562, Part 1.1.C.* In addition, unless otherwise stated, the proposed project will be designed, constructed and operated following all applicable laws, regulations, ordinances and formally adopted City standards including but not limited to:

- Los Angeles Municipal Code
- Bureau of Engineering Standard Plans
- Standard Specifications for Public Works Construction
- Work Area Traffic Control Handbook
- Additions and Amendments to the Standard Specifications for Public Works Construction

Regulatory control measures (RCMs) will be applied to the proposed project as required by the following laws, rules and regulations, as follow:

State Regulations and Standards

- California Environmental Quality Act (CEQA)

Local Regulations and Standards

- South Coast Air Quality Management District (SCAQMD)
- South Coast Air Basin (SCAB)

Purpose

The purpose of this technical memorandum was to assess the potential for air quality or GHG impacts in accordance with the California Environmental Quality Act (CEQA). The analysis is consistent with methodology established by the South Coast Air Quality Management District (SCAQMD).

Air Quality Planning

The project site is located within the South Coast Air Basin (SCAB) under the jurisdiction of SCAQMD. SCAQMD monitors air quality within the SCAB, which includes Orange County and portions of Los Angeles, Riverside, and San Bernardino counties. The SCAB is bounded by the Pacific Ocean to the west; the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east; and the San Diego County line to the south. The SCAB is subject to some of the worst air pollution in the nation due to the immense magnitude of emissions sources and the combination of topography, low mean atmospheric mixing height, and abundant sunshine. Although the SCAB has a semiarid climate, air near the surface is generally moist because of the presence of a shallow marine layer. With very low average wind speeds, there is a limited capacity to disperse air contaminants horizontally. The mountains and hills surrounding the SCAB contribute to the variation of rainfall, temperature, and winds throughout the region.

The primary purpose of an air quality plan is to bring an area that does not attain National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS) into compliance with those standards pursuant to the requirements of the federal Clean Air Act and California Clean Air Act. NAAQS and CAAQS have been established for the following criteria pollutants: ozone (O_3), carbon monoxide (CO), sulfur dioxide (SO_2), nitrogen dioxide (NO_2), respirable particulate matter less than 10 microns in diameter (PM_{10}), fine particulate matter less than 2.5 microns in diameter ($PM_{2.5}$), and lead (Pb). Because O_3 is not directly emitted in the air—rather it is formed by chemical reactions between nitrogen oxides (NOx) and volatile organic compounds (VOC) in the presence of sunlight—air quality regulations focus on the precursors of O_3. These pollutants are common byproducts of human activities and have been documented through scientific research to cause adverse health effects.

SCAQMD is tasked with preparing regional programs and policies designed to improve air quality within the SCAB, which are assessed and published in the form of an Air Quality Management Plan (AQMP). The AQMP is updated every four years to evaluate the effectiveness of the adopted programs and policies and to forecast attainment dates for nonattainment pollutants. The most recent publication is the 2016 AQMP, which is intended to serve as a regional blueprint for achieving the federal air quality standards and healthful air. The 2016 AQMP represents a thorough analysis of existing and potential regulatory control options, and includes available, proven, and cost-effective strategies to pursue multiple goals in promoting reductions in GHG emissions and toxic risk, as well as efficiencies in energy use, transportation, and goods movement. The 2016 AQMP focuses on demonstrating NAAQS attainment dates for the 2008 8-hour O_3 standard, the 2012 annual $PM_{2.5}$ standard, and the 2006 24-hour $PM_{2.5}$ standard.

Criteria Air Pollutant Emissions

Construction

Construction of the proposed project would result in the generation of criteria pollutant emissions. Criteria air pollutant emissions associated with typical construction activities were modeled using the California Emissions Estimator Model (CalEEMod), Version 2016.3.2. This model allows the user to enter project-specific construction information, such as the types, number and horsepower of construction equipment, and the number and length of off-site motor vehicle trips. Construction emissions were estimated for the use of off-road equipment, heavy-duty trucks (i.e., demolition, haul, and materials delivery), and worker commutes.

The City of Los Angeles Department of Public Works, Bureau of Engineering (BOE) provided assumptions for the emissions analysis, which are provided in Attachment 1. Construction of the proposed project is expected to begin in December 2018 and would last approximately five months. The estimated construction workforce is a maximum of 10 workers per day. The analysis assumed a maximum of three vendor truck trips per day (i.e., equipment and materials delivery) and up to 30 truck trips per day to haul construction materials off-site. Grading activity would be minimal as the project site has previously been developed and is flat. The estimate of fugitive dust emissions accounts for Rule 403 compliance. Examples of Rule 403 compliance include (a) All exposed areas will be frequently watered to reduce the generation of dust, and (b) Vehicle speed of construction vehicles/equipment in exposed areas (i.e., unpaved access) shall be reduced to reduce the generation of dust.

The SCAQMD significance thresholds were used to assess regional and localized emissions during construction and operation of the proposed project (SCAQMD 2015). Localized emissions of criteria air pollutants and precursors were assessed in accordance with SCAQMD's localized significance thresholds (LST) guidance (SCAQMD 2008). For projects less than five acres in area, SCAQMD has developed look-up reference tables providing the maximum daily emissions that would not have the potential to cause an exceedance of any air quality standard based on existing ambient air quality. The nearest sensitive receptor to the project site is an after-school child development center approximately 100 feet to the southeast. Therefore, the analysis conservatively assumes a project site of one acre and a receptor distance of 25 meters for the LST values. Also, of note, child play facilities are located on Wilshire Boulevard, approximately 130 feet from construction activities. Please note that the maximum daily regional emissions (i.e., combined on- and off-site emissions) would occur during the building construction phase for VOC, the demolition phase for NO_X, PM_{10}, and $PM_{2.5}$, and the grading phase for CO. In addition, the maximum localized emissions (i.e., on-site emissions only) would occur during the building construction phase for NO_X, grading phase for CO and the demolition phase for PM_{10}, and $PM_{2.5}$.

As shown in Table 1, the peak daily construction emissions would not exceed any of the SCAQMD daily or LST thresholds. Therefore, construction of the proposed project would not violate an ambient air quality standard or contribute substantially to an existing violation. Additional modeling assumptions and details are provided in Attachment 1.

Table 1. Unmitigated Maximum Daily Construction-Related Emissions

	Daily Emissions (Pounds Per Day)					
Phase	**VOC**	**NO_X**	**CO**	**SO_X**	**PM_{10}**	**$PM_{2.5}$**
Demolition						
On-Site Emissions	0.2	1.1	1.2	<0.1	3.9	0.6
Off-Site Emissions	0.4	7.4	2.6	<0.1	0.6	0.2
Total	***0.6***	***8.5***	***3.8***	***<0.1***	***4.5***	***0.8***
Grading						
On-Site Emissions	0.5	3.9	4.3	<0.1	0.2	0.2
Off-Site Emissions	0.2	2.1	1.5	<0.1	0.3	0.1
Total	***0.7***	***6.0***	***5.8***	***<0.1***	***0.5***	***0.3***
Trenching/Utilities						
On-Site Emissions	0.2	1.1	1.2	<0.1	0.1	0.1
Off-Site Emissions	0.1	0.8	1.1	<0.1	0.3	0.1
Total	***0.3***	***1.9***	***2.3***	***<0.1***	***0.4***	***0.2***
Building Construction						
On-Site Emissions	0.7	7.4	3.5	<0.1	0.4	0.3
Off-Site Emissions	0.1	0.8	1.1	<0.1	0.3	0.1
Total	***0.8***	***8.2***	***4.6***	***<0.1***	***0.7***	***0.4***

Table 1. Unmitigated Maximum Daily Construction-Related Emissions

Paving						
On-Site Emissions	0.5	4.8	4.0	<0.1	0.3	0.3
Off-Site Emissions	0.1	0.8	1.1	<0.1	0.3	0.1
Total	***0.6***	***5.6***	***5.1***	***<0.1***	***0.6***	***0.4***
REGIONAL ANALYSIS						
Maximum Regional Daily Emissions[1]	***0.8***	***8.5***	***5.8***	***<0.1***	***4.5***	***0.8***
Regional Significance Threshold	75	100	550	150	150	55
Exceed Regional Threshold?	**No**	**No**	**No**	**No**	**No**	**No**
LOCALIZED ANALYSIS						
Maximum Localized Daily Emissions[2]	**--**	***7.4***	***4.3***	**--**	***3.9***	***0.6***
Localized Significance Threshold[3]	--	74	680	--	5	3
Exceed Localized Threshold?	**--**	**No**	**No**	**--**	**No**	**No**

Source: TAHA 2018.
Notes:
[1]Maximum regional emissions (i.e., combined on- and off-site emissions) would occur during the building construction phase for VOC, the demolition phase for NO_X, PM_{10}, and $PM_{2.5}$, and the grading phase for CO.
[2]Maximum localized emissions (i.e., on-site emissions only) would occur during the building construction phase for NO_X, grading phase for CO and the demolition phase for PM_{10}, and $PM_{2.5}$.
[3]Assumes a 1-acre project site and a 25-meter receptor distance for Source Receptor Area 1. The nearest sensitive receptor is a child development center approximately 100 feet southeast of the boundary of the project site.
SCAQMD has not developed an LST for VOC or SO_X emissions.

Table 2. Unmitigated Maximum Daily Operational Emissions

	Daily Emissions (Pounds Per Day)					
Source/Description	**VOC**	**NO_X**	**CO**	**SO_X**	**PM_{10}**	**$PM_{2.5}$**
Area (On-Site)	0.2	<0.1	<0.1	<0.1	<0.1	<0.1
Energy (Off-Site)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mobile (Off-Site)	0.2	<0.9	2.4	<0.1	0.6	0.2
Total	***0.4***	***<0.9***	***2.4***	***<0.1***	***0.6***	***0.2***
REGIONAL ANALYSIS						
Maximum Regional Daily Emissions[1]	***0.4***	***<0.9***	***2.4***	***<0.1***	***0.6***	***0.2***
Regional Significance Threshold	55	55	550	150	150	55
Exceed Regional Threshold?	**No**	**No**	**No**	**No**	**No**	**No**
LOCALIZED ANALYSIS						
Maximum Localized Daily Emissions[2]	**--**	**<0.1**	**<0.1**	**--**	**<0.1**	**<0.1**
Localized Significance Threshold[3]	--	74	680	--	1	1
Exceed Localized Threshold?	**--**	**No**	**No**	**--**	**No**	**No**

Source: TAHA 2018.
Notes:
[1]The maximum regional emissions includes all operational emissions (i.e., on- and off-site activities).
[2]On-site emissions only include areas sources (e.g., cleaning products and aerosols)
[3]Assumes a 1-acre project site and a 25-meter receptor distance for Source Receptor Area 1. The nearest sensitive receptor is a child development center approximately 100 feet southeast of the boundary of the project site.
SCAQMD has not developed an LST for VOC or SO_X emissions.

Operation

After construction, day-to-day activities associated with the operation of the proposed project would generate emissions from a variety of sources. Operational emissions may be both direct and indirect emissions, and would be generated by area, mobile, and energy sources. Area sources include sources such as the use of consumer products (e.g., cleaning products, aerosols), landscape maintenance equipment, and periodic architectural coatings. The proposed project would be used as a facility serving homeless families and individuals. Mobile-source emissions would primarily include vehicle trips by employees to the facility. It is anticipated the facility would result in 89 trips per day. Operational emissions associated with the day-to-day activities of the proposed project were quantified using CalEEMod. The maximum regional emissions includes all operational emissions (i.e., on- and off-site activities) and on-site emissions only include areas sources (e.g., cleaning products and aerosols). As shown in Table 2, the peak daily operational emissions would not exceed any of the SCAQMD daily thresholds. Therefore, operation of the proposed project would not violate an ambient air quality standard or contribute substantially to an existing violation. Additional modeling assumptions and details are provided in Attachment 1.

Toxic Air Contaminants

Construction

SCAQMD devised its LST values to prevent the occurrence of localized hot spots of criteria pollutant concentrations at sensitive receptor locations surrounding the project site. The LST values were determined using emissions modeling based on ambient air quality measured throughout the SCAB. If maximum daily emissions remain below the LST values during construction activities, it is highly unlikely that air pollutant concentrations in ambient air would reach substantial levels sufficient to create public health concerns for sensitive receptors. As shown in Table 1, maximum daily emissions from sources located on the project site would not exceed any applicable LST values. Therefore, construction of the proposed project would not result in exposure of sensitive receptors to substantial concentrations of criteria pollutants.

Furthermore, according to SCAQMD methodology, health risks from carcinogenic air toxics are usually described in terms of individual cancer risk. “Individual Cancer Risk” is the likelihood that a person exposed to concentrations of toxic air contaminants (TACs) over a 30-year lifetime will contract cancer based on the use of standard risk-assessment methodology. The entire duration of construction activities associated with implementation of the proposed project is anticipated to be approximately five months, and the magnitude of daily diesel particulate matter (diesel PM) emissions will vary over this time period. No residual emissions and corresponding individual cancer risk are anticipated after construction. Because there is such a short-term exposure period, no significant effect associated with construction TAC emissions would occur.

The California Office of Environmental Health Hazard Assessment (OEHHA) has also published guidance for estimating health risks. The guidance includes a recommendation for assessing construction-related risks for short-term activities. Importantly, while SCAQMD and the City of Los Angeles support the OEHHA methodologies, the screening guidance has not been adopted by either agency. The proposed project involves five months of construction activities and no substantial earthwork activities. Based on information provided by BOE, construction activities would involve a total of 40 equipment use days, or approximately eight weeks in total over the five-month construction period. Regarding TAC emissions during construction activities, average daily diesel PM emissions on equipment use days would be approximately 0.15 pounds per work day. Comprehensive experience implementing the OEHHA guidance for development projects has shown that this level of emission over this relatively short time period has no potential to result in a significant health risk. Furthermore, heavy-duty equipment would not be in use for approximately two and a half months of the five-month construction period, and sources of air pollutant emissions would be limited to worker trips and material deliveries when equipment is not in use. On these days, there would be no source of diesel PM emissions operating on the project site. There is no need for a detailed construction health risk assessment. However, as requested by the lead agency, a health risk assessment has been prepared and is placed in the Administrative Record to further support these conclusions.

Operation

Regarding exposure of on-site residents and workers to permanent sources of TACs, SCAQMD and the OEHHA recommend detailed health risk assessment for projects located within 0.25 mile of high-volume roadways (i.e., freeways), trucking facilities, and other substantial sources of emissions (e.g., rail yards, ports, etc.). The project site is not located near a significant or uncommon source of toxic air contaminant emissions. Furthermore, OEHHA and SCAQMD guidance assesses long-term exposure over a 70-year lifetime. The temporary shelter is planned for a three-year period. There is no potential for people located on the project site to be exposed to significant health risk from air pollution.

Regarding off-site exposure from operational activities occurring on the project site, the proposed project does not include an industrial component that would constitute a new substantial stationary source of operational air pollutant emissions, nor does it include a land use that would generate a substantial number of heavy-duty truck trips. There would be no substantial source of air toxic emissions. Additionally, as shown in Table 2, daily emissions of criteria pollutants would not exceed SCAQMD thresholds.

Odors

Construction

A significant impact would occur if construction or operation of the proposed project would result in the creation of nuisance odors that would be noxious to a substantial number of people. Potential sources that may produce objectionable odors during construction activities include equipment exhaust, application of asphalt and architectural coatings, and other interior and exterior finishes. Odors from these sources would be localized and generally confined to the immediate area surrounding the project site; the emissions would be temporary in nature and would not persist beyond the termination of construction activities. The proposed project would utilize standard construction techniques and procedures, and the odors would be typical of most construction sites and temporary in nature. In addition, as construction-related emissions dissipate away from the construction area, the odors associated with these emissions would also decrease and would be quickly diluted.

Operation

The proposed project would also include a food preparation and serving area. Odors associated with food preparation from the project site would be produced. According to the SCAQMD CEQA Air Quality Handbook, land uses and industrial operations that are associated with odor complaints include agricultural uses, wastewater treatment plants, food processing plants, chemical plants, composting, refineries, landfills, dairies, and fiberglass molding. Although the homeless shelter would produce some odors and smells associated with the preparation of food, the operations would comply with SCAQMD Rule 402, which would prohibit any air quality discharge that would be a nuisance or pose any harm to individuals of the public. On-site trash receptacles would have the potential to create adverse odors. Trash receptacles would be located and maintained in a manner that promotes odor control in accordance with the Los Angeles Clean Streets program and no adverse odor effects are anticipated from these types of land uses.

Cumulative Impacts

“Cumulative impacts” refers to two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts. The cumulative impact from several projects is the change in the environment that results from the incremental impact of the project when added to other closely related past, present, and reasonably foreseeable probable future projects. SCAQMD states that, “projects that do not exceed the project-specific thresholds are generally not considered to be cumulatively significant” (SCAQMD 2003). As shown in Tables 1 and 2, neither construction nor operation of the proposed project would exceed applicable SCAQMD thresholds. Therefore, no further cumulative analysis is warranted.

Greenhouse Gas Emissions

GHG emissions refer to a class of emissions that are generally believed to affect global climate conditions. The greenhouse effect compares Earth and the atmosphere surrounding it to a greenhouse with glass panes. The glass panes in a greenhouse let heat from sunlight in and reduce the amount of heat that escapes. GHGs, such as carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O), keep the average surface temperature of

Earth close to 60 degrees Fahrenheit. CO_2 is the most abundant pollutant that contributes to climate change through fossil fuel combustion. The other GHGs are less abundant but have higher global warming potency than CO_2. To account for this higher potential, emissions of other GHGs are frequently expressed in the equivalent of CO_2, denoted as CO_2e. CO_2e is a measurement used to account for the fact that different GHGs have different potential to retain infrared radiation in the atmosphere and contribute to the greenhouse effect.

The State of California and SCAQMD have adopted plans or policies to reduce GHG emissions. In September 2006, California passed the California Global Warming Solutions Act of 2006 (Assembly Bill [AB] 32; California Health and Safety Code Division 25.5, Sections 38500, et seq.). AB 32 establishes regulatory, reporting, and market mechanisms to achieve quantifiable reductions in GHG emissions and establishes a cap on statewide GHG emissions. It requires that statewide GHG emissions be reduced to 1990 levels by 2020. In 2008 and 2014, the California Air Resources Board (CARB) approved the Scoping Plan and the first update to the Scoping Plan, respectively (CARB 2008, 2014). In 2016, the state legislature passed Senate Bill (SB) 32, which established a 2030 GHG emissions reduction target of 40 percent below 1990 levels. In response to SB 32 and the companion legislation of AB 197, CARB approved the Final Proposed 2017 Scoping Plan Update: The Strategy for Achieving California's 2030 GHG Target in November 2017 (CARB 2017). The 2017 Scoping Plan draws from the previous plans to present strategies to reaching California's 2030 GHG reduction target. None of these statewide plans or policies constitute a regulation to adopt or implement a regional or local plan for reduction or mitigation of GHG emissions. It is assumed that any requirements formulated under the mandate of AB 32 and SB 32 would be implemented consistent with statewide policies and laws. Executive Order (E.O.) B-30-15 established an interim GHG reduction target of 40 percent below 1990 levels by 2030, and E.O. S-3-05 established a long-term goal of reducing statewide GHG emissions to 80 percent below 1990 levels by 2050.

In May 2007, Los Angeles released "Green LA: An Action Plan to Lead the Nation in Fighting Global Warming" (Climate Action Plan) with a goal to reduce the City of Los Angeles GHG emissions to 35 percent below 1990 levels by the year 2030. The Climate Action Plan focuses on reducing GHG emissions by increasing the use of renewable energy sources, implementing green building policies, diverting waste from landfills, greening the Port of Los Angeles, and changing land use and transportation patterns to reduce dependence on automobiles. In April 2015, the City released the City's Sustainable City pLAn, which lays out strategies and priority initiatives to reduce Los Angeles's GHG emissions by 45 percent by 2025, 60 percent by 2035, and 80 percent by 2050, all against a 1990 baseline (City of Los Angeles 2015).

As the City of Los Angeles has not established screening thresholds for GHG emissions, this analysis uses the applicable significance thresholds developed by SCAQMD. The GHG CEQA Significance Threshold Stakeholder Working Group recommended options for evaluating non-industrial projects, including thresholds for residential, commercial, and mixed-use projects. These draft thresholds include a threshold of 3,000 metric tons CO_2e ($MTCO_2e$) per year for non-industrial projects (SCAQMD 2010). This analysis compares the amortized construction and operational emissions to the SCAQMD draft threshold of 3,000 $MTCO_2e$ per year. SCAQMD recommends that construction emissions associated with a project be amortized over the life of the project (typically 30 years) and added to the operational emissions. The proposed project comprises a temporary housing facility with an operational lifetime of three years. Therefore, this analysis includes a quantification of the total modeled construction-related GHG emissions, which are then amortized and evaluated over the three-year life of the proposed project.

Heavy-duty off-road equipment, materials transport, and worker commutes during construction of the proposed project would result in exhaust-related GHG emissions. GHG emissions generated during the operational phase of the proposed project would include emissions from mobile sources, energy consumption, water consumption, waste disposal, and area sources. GHG emissions were estimated using CalEEMod to obtain daily emissions and a spreadsheet to annualize emissions based on equipment hours provided by BOE. As shown in Table 3, the total construction-related and operational CO_2e of 134 $MTCO_2e$ associated with the proposed project would be less than the 3,000 $MTCO_2e$ threshold.

Table 3. Maximum Annual Emissions

Emissions Category	CO_2e (Metric Tons per Year)
Construction Emissions Amortized (Direct)[1]	10.7
Area Source Emissions (Direct)	<0.1
Mobile Source Emissions (Direct)	118.2
Energy – Natural Gas Emissions (Direct)	<0.1
Waste Disposal Emissions (Indirect)	<0.1
Water Distribution Emissions (Indirect)	5.0
Total Emissions	**134**
SCAQMD Proposed Threshold ($MTCO_2e$/year)[2]	3,000
Exceed Threshold?	**No**

Source: TAHA 2018
[1]Amortized construction emissions obtained by dividing total construction emissions by 3 years.
[2]SCAQMD 2010.

Greenhouse Gas Reduction Plans

State and regional agencies along with the City have adopted programs and policies to control and reduce GHG emissions. The following discussion addresses relevant programs and policies. Importantly, the proposed project would be a temporary three-year use that would not contribute to the permanent GHG emissions inventory. The 134 $MTCO_2e$ emissions identified above represents approximately four percent of the significance threshold. Negligible emissions would be related to the region's primary source of GHG emissions, which is on-road vehicles. The relatively small magnitude and temporary nature of GHG emissions associated with the proposed project render any efforts to further reduce emissions to less than 134 $MTCO_2e$ emissions to be essentially unnecessary.

Assembly Bill 32 (AB 32)

AB 32 requires CARB to develop and enforce regulations for the reporting and verification of statewide GHG emissions and directs CARB to set a GHG emission limit—based on 1990 levels—to be achieved by 2020. The Scoping Plan outlines a series of technologically feasible and cost-effective measures to reduce statewide GHG emissions, including expanding energy efficiency programs; increasing electricity production from renewable resources (at least 33 percent of the statewide electricity mix); and increasing automobile efficiency by implementing the Low-Carbon Fuel Standard and developing a cap-and-trade program. These measures are designed to be implemented by State agencies at high planning levels. The proposed project's scale and required compliance with the mandatory measures related to planning, design, energy efficiency, water efficiency, water conservation, material conservation, resource efficiency, and environmental quality within the Los Angeles Green Building Code would ensure that the proposed project does not interfere with implementation of the AB 32 measures. The CARB has stated that the statewide GHG emissions inventory was 429.4 $MMTCO_2e$ in 2016. The proposed project would generate approximately 134 $MTCO_2e$ per year. There is no potential for the proposed project to be inconsistent with the AB 32 GHG reduction goals.

Executive Orders S-3-05 (E.O. S-3-05)

E.O. S-3-05 established a long-term goal of reducing statewide GHG emissions to 80 percent below 1990 levels by 2050. The proposed project is a temporary three-year facility that would be closed well before 2050. There is no potential for the proposed project to interfere with attainment of 2050 statewide GHG reduction goals. In addition, achieving these long-term GHG reduction policies will require systemic changes in how energy is produced and used. A number of studies discuss potential mechanisms for limiting statewide GHG emissions to meet the aggressive goals identified by E.O. S-3-05. For example, CARB and other State agencies commissioned Energy + Environmental Economics in 2015 to develop feasible GHG reduction scenarios for

2030. Other studies include a report by the California Center for Science and Technology, the California Department of Transportation's California Transportation Plan 2040, CARB's First Update to the AB 32 Scoping Plan, and a study published in Science that analyzes the changes that will be required to reduce GHG emissions to 80 percent below 1990 levels by 2050. In general, these studies reach similar conclusions—deep reductions in GHG emissions can only be achieved with significant changes in electricity production, transportation fuels, and industrial processes (e.g., decarbonizing electricity production, electrifying transportation, utilizing alternative fuels for aviation).

The systemic changes that will be required to achieve E.O. S-3-05, if they are legislatively adopted, will require significant policy, technical, and economic solutions. Some changes, such as the use of alternative fuels (e.g., biofuel) to replace petroleum for aviation, cannot be accomplished without action by the federal government. Similarly, achieving the reduction goals will require California to dramatically increase the amount of electricity that is generated by renewable generation sources and, correspondingly, advance the deployment of energy storage technology and smart-grid strategies, such as price-responsive demand and the smart charging of vehicles. This would entail a significant redesign of California's electricity system, which can only be accomplished through State action. Accordingly, in evaluating the proposed project's emissions for consistency with E.O. S-3-05, it is important to note that many of the broad-scale shifts needed to meet the reduction goals are outside of the control of the City and beyond the scope of the proposed project.

The long-term climate change policy and regulatory changes that will be enacted to meet 2030 and 2050 emissions reduction targets are unknown at this time. As a consequence, the extent to which the proposed project emissions and resulting impacts would be mitigated through implementation of statewide (and nationwide) changes is not known. However, some of the anticipated statewide actions (e.g., decarbonization, energy efficiency, alternative transportation) can be facilitated, at least to some extent, through implementation of specific GHG reduction measures in large-scale developments. The proposed project includes policies related to reduced water consumption. The proposed project is consistent with anticipated long-term statewide strategies to reduce GHG emissions. Accordingly, the proposed project would not conflict with the goals in E.O. S-3-05.

Senate Bill 32 (SB 32)

SB 32 was enacted in 2016 in response to E.O. B-30-15 and requires reducing statewide GHG emissions to 40 percent below 1990 levels by 2030. The proposed project is a temporary three-year facility that would be closed before 2030. There is no potential for the proposed project to interfere with attainment of 2030 statewide GHG reduction goals. Refer to the above discussions related to AB 32 and E.O. S-3-05 for additional analysis.

Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS)

SB 375 requires the metropolitan planning organizations to prepare an SCS in their RTPs to achieve the per capita GHG reduction targets and the region's SCS is contained within the Southern California Association of Governments 2016–2040 RTP/SCS. As discussed above, the proposed project would not be inconsistent with GHG reduction targets associated with AB 32 and related regulations. In addition, the RTP/SCS focuses on job growth in high-quality transit areas, resulting in more opportunity for transit-oriented development. The RTP/SCS supports sustainable growth through a more compact, infill, and walkable development pattern. The proposed project would be located within walking distance of the Los Angeles County Metropolitan Transportation Authority (Metro) Red Line Wilshire/Vermont Station and the Westlake/MacArthur Park Station; and would be surrounded by various bus lines from Metro and Los Angeles Department of Transportation (LADOT). These public transit lines would serve the Los Angeles downtown area and surrounding areas.

Air Quality Management Plan

The 2016 AQMP is a regional blueprint for achieving the federal air quality standards and healthful air. The AQMP is focused on criteria air pollutant and ozone precursor emissions, although Chapter 10 addresses climate and energy. The AQMP identifies the primary sources of criteria air pollutants and GHG emissions as direct and indirect energy use within the SCAB. The largest share of energy use in the SCAB is related to transportation purposes and the second largest share is electricity use. The majority of policies included in Chapter 10 of the AQMP are not relevant to individual or temporary land use development. These include:

- Establishing a workgroup to assess life-cycle emissions;

- Technical assistance to agencies implementing efficiency measures or new transportation technologies and infrastructure;
- Implementing more efficient mobile source technologies;
- Working collaboratively with other State, national, and international entities on air pollution reduction efforts;
- Evaluating biogas technologies; and
- Studying future climate impacts on air quality.

The AQMP does include policies related to reducing energy consumption and imported water use. The proposed project would not be inconsistent with GHG policies in the AQMP.

GreenLA Climate Action Plan (CAP)

The City of Los Angeles has issued guidance promoting sustainable development to reduce GHG emissions citywide in the form of a CAP. The objective of GreenLA is to reduce GHG emissions 35 percent below 1990 levels by 2030. GreenLA identifies goals and actions designed to make the City a leader in confronting global climate change. The measures would reduce emissions directly from municipal facilities and operations and create a framework to address citywide GHG emissions. GreenLA lists various focus areas in which to implement GHG reduction strategies. Focus areas include energy, water, transportation, land use, waste, port, airport, and ensuring that changes to the local climate are incorporated into planning and building decisions. City goals for each focus area are identified as follows:

Energy

- Increase the generation of renewable energy;
- Encourage the use of mass transit;
- Develop sustainable construction guidelines;
- Increase City-wide energy efficiency; and
- Promote energy conservation.

Water

- Decrease per capita water use to reduce electricity demand associated with water pumping and treatment.

Transportation

- Power the City vehicle fleet with alternative fuels; and
- Promote alternative transportation (e.g., mass transit and rideshare).

Other Goals

- Create a more livable City through land use regulations;
- Increase recycling, reducing emissions generated by activity associated with the Port of Los Angeles and regional airports;
- Create more City parks, promoting the environmental economic sector; and
- Adapt planning and building policies to incorporate climate change policy.

In order to provide detailed information on action items discussed in GreenLA, the City published an implementation document titled “ClimateLA”. ClimateLA presents the existing GHG inventory for the City, includes enforceable GHG reduction requirements, provides mechanisms to monitor and evaluate progress, and includes mechanisms that allow the plan to be revised in order to meet targets. By 2030, the plan aims to reduce GHG emissions by 35 percent from 1990 levels which were estimated to be approximately 54.1 million metric tons. The City will need to lower annual GHG emissions to approximately 35.1 million metric tons per year by 2030. To achieve these reductions the City has developed strategies that focus on energy, water use, transportation, land use, waste, open space and greening, and economic factors. The temporary shelter would not be inconsistent with the long-term goal to reduce citywide GHG emissions.

Zero Emissions 2028 Roadmap

In September 2018, the Transportation Electrification Partnership—convened by the Los Angeles Cleantech Incubator (LACI) —released the 1.0 version of their Zero Emissions 2028 Roadmap, setting the goal to move toward an additional 25 percent reduction in GHG emissions and air pollution beyond current commitments—through accelerating transportation electrification—by the time the world arrives in Los Angeles for the 2028 Olympic and Paralympic Games. The Partnership's Leadership Group includes CARB, Los Angeles Mayor Eric Garcetti, County of Los Angeles, Metro, LADWP, Southern California Edison, and LACI. Construction and operation of the proposed project would not interfere with planned upgrades to the electric grid infrastructure, nor would it introduce new non-electric vehicles to the regional transportation network. The goals of the Zero Emissions 2028 Roadmap would not be compromised by implementing the proposed project.

Conclusions

Based on the results of this environmental review, no environmental concerns were identified in connection with the subject property.

Prepared by





Sam Silverman
Senior Associate

Andy Uk
Assistant Planner

Attachment 1 – CalEEMod Files & GHG Emissions Calculations

References

California Air Resources Board (CARB). 2008. Climate Change Scoping Plan. Available at https://www.arb.ca.gov/cc/scopingplan/document/adopted_scoping_plan.pdf. Accessed October 2018.

———. 2014. First Update to the Climate Change Scoping Plan: Building on the Framework. Pursuant to AB 32, the California Global Warming Solutions Act of 2006. Available at https://www.arb.ca.gov/cc/scopingplan/2013_update/first_update_climate_change_scoping_plan.pdf. Accessed October 2018.

———. 2017. California's 2017 Climate Change Scoping Plan. Available at https://www.arb.ca.gov/cc/scopingplan/scoping_plan_2017.pdf. Accessed October 2018.

City of Los Angeles. 2007. GreenLA Climate Action Plan. Available at http://environmentla.org/pdf/GreenLA_CAP_2007.pdf. Accessed October 2018.

Southern California Association of Governments. 2016. 2016-2040 RTP/SCS. Available at http://scagrtpscs.net/Pages/DRAFT2016PEIR.aspx. Accessed October 2018.

South Coast Air Quality Management District (SCAQMD). 2008. Localized Significance Threshold Methodology. Available at http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/final-lst-methodology-document.pdf?sfvrsn=2. Accessed October 2018.

———. 2010. Interim CEQA GHG Significance Threshold. Available at http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/year-2008-2009/ghg-meeting-15/ghg-meeting-15-minutes.pdf. Accessed October 2018.

———. 2015. Air Quality Significance Thresholds. Available at http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf?sfvrsn=2. Accessed October 2018.

———. 2016. Air Quality Management Plan. Available at http://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan/final-2016-aqmp. Accessed October 2018.

Attachment 1
CalEEMod Files & GHG Emissions Calculations

625 S. La Fayette Park Place - Bridge Housing

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	0.68	Acre	0.69	29,620.80	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2019
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

625 S. La Fayette Park Place - Bridge Housing - Los Angeles-South Coast County, Winter

Project Characteristics -

Land Use - Project Specific Information:

Tent Structure: 7,200 sq. ft.
Hygiene Station 1: 480 sq. ft.
Hygiene Station 2: 480 sq. ft.
Admin: 960 sq. ft.
Covered Dining Area: 998 sq. ft.

Total Building sq. ft.: 10,118

Construction Phase - Project Specific Phase Lengths

Off-road Equipment - Maximum Daily Activity.

Off-road Equipment - Maximum Daily Activity.

Off-road Equipment - Maximum Daily Activity.

Off-road Equipment - Maximum Daily Activity.

Off-road Equipment - Maximum Daily Acitivity.

Trips and VMT - Project Information Assumption.

Demolition - 20,500 SQ. FT. Demolished Area.

Grading - 32 CY export maximum/Day

Vehicle Trips - Trip Generation.

Consumer Products -

Area Coating -

Construction Off-road Equipment Mitigation - SCAQMD Rule 403

Area Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	100.00	1.00
tblConstructionPhase	NumDays	10.00	1.00
tblConstructionPhase	NumDays	2.00	1.00

tblConstructionPhase	NumDays	5.00	1.00
tblGrading	MaterialExported	0.00	480.00
tblLandUse	LotAcreage	0.68	0.69
tblOffRoadEquipment	HorsePower	130.00	80.00
tblOffRoadEquipment	HorsePower	97.00	30.00
tblOffRoadEquipment	HorsePower	84.00	6.00
tblOffRoadEquipment	HorsePower	84.00	6.00
tblOffRoadEquipment	HorsePower	132.00	80.00
tblOffRoadEquipment	HorsePower	80.00	20.00
tblOffRoadEquipment	HorsePower	65.00	70.00
tblOffRoadEquipment	HorsePower	97.00	30.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblTripsAndVMT	HaulingTripNumber	45.00	20.00
tblTripsAndVMT	HaulingTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	5.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	5.00	20.00
tblTripsAndVMT	WorkerTripNumber	10.00	20.00
tblTripsAndVMT	WorkerTripNumber	5.00	20.00

tblTripsAndVMT	WorkerTripNumber	12.00	20.00
tblTripsAndVMT	WorkerTripNumber	5.00	20.00
tblVehicleTrips	ST_TR	22.75	131.00
tblVehicleTrips	SU_TR	16.74	131.00
tblVehicleTrips	WD_TR	1.89	131.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	0.6743	8.4970	5.8199	0.0212	10.3482	0.2436	10.4607	1.6404	0.2245	1.7458	0.0000	2,249.7375	2,249.7375	0.2308	0.0000	2,254.2644
2019	0.8007	8.2119	5.0624	0.0111	0.2620	0.3717	0.6337	0.0704	0.3421	0.4125	0.0000	1,113.7234	1,113.7234	0.2479	0.0000	1,119.9208
Maximum	**0.8007**	**8.4970**	**5.8199**	**0.0212**	**10.3482**	**0.3717**	**10.4607**	**1.6404**	**0.3421**	**1.7458**	**0.0000**	**2,249.7375**	**2,249.7375**	**0.2479**	**0.0000**	**2,254.2644**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	0.6743	8.4970	5.8199	0.0212	4.4089	0.2436	4.5215	0.7411	0.2245	0.8466	0.0000	2,249.7375	2,249.7375	0.2308	0.0000	2,254.2644
2019	0.8007	8.2119	5.0624	0.0111	0.2620	0.3717	0.6337	0.0704	0.3421	0.4125	0.0000	1,113.7234	1,113.7234	0.2479	0.0000	1,119.9208
Maximum	**0.8007**	**8.4970**	**5.8199**	**0.0212**	**4.4089**	**0.3717**	**4.5215**	**0.7411**	**0.3421**	**0.8466**	**0.0000**	**2,249.7375**	**2,249.7375**	**0.2479**	**0.0000**	**2,254.2644**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**55.98**	**0.00**	**53.53**	**52.57**	**0.00**	**41.67**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/17/2018	12/17/2018	5	1	
2	Grading	Grading	12/20/2018	12/20/2018	5	1	
3	Trenching	Trenching	1/9/2019	1/9/2019	5	1	
4	Building Construction	Building Construction	1/30/2019	1/30/2019	5	1	
5	Paving	Paving	4/1/2019	4/1/2019	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Generator Sets	1	4.00	6	0.74
Demolition	Tractors/Loaders/Backhoes	1	8.00	30	0.37
Grading	Rollers	2	8.00	20	0.38
Grading	Skid Steer Loaders	2	8.00	70	0.37
Trenching	Generator Sets	1	4.00	6	0.74
Trenching	Tractors/Loaders/Backhoes	1	8.00	30	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	1	8.00	89	0.20
Paving	Pavers	1	8.00	80	0.42
Paving	Paving Equipment	1	8.00	80	0.36

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	2	20.00	6.00	20.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	20.00	6.00	4.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching	2	20.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	2	20.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	2	20.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.7365	0.0000	9.7365	1.4742	0.0000	1.4742			0.0000			0.0000
Off-Road	0.2208	1.1179	1.1798	1.3500e-003		0.0803	0.0803		0.0746	0.0746		127.2061	127.2061	0.0351		128.0826
Total	**0.2208**	**1.1179**	**1.1798**	**1.3500e-003**	**9.7365**	**0.0803**	**9.8168**	**1.4742**	**0.0746**	**1.5488**		**127.2061**	**127.2061**	**0.0351**		**128.0826**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2035	6.5498	1.4302	0.0159	0.3497	0.0251	0.3747	0.0959	0.0240	0.1198		1,721.9263	1,721.9263	0.1253		1,725.0579
Vendor	0.0288	0.7370	0.2210	1.5400e-003	0.0384	5.2600e-003	0.0437	0.0111	5.0400e-003	0.0161		164.4899	164.4899	0.0119		164.7866
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.3546**	**7.3791**	**2.6458**	**0.0199**	**0.6116**	**0.0323**	**0.6440**	**0.1662**	**0.0309**	**0.1970**		**2,122.5314**	**2,122.5314**	**0.1460**		**2,126.1818**

3.2 Demolition - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.7973	0.0000	3.7973	0.5749	0.0000	0.5749			0.0000			0.0000
Off-Road	0.2208	1.1179	1.1798	1.3500e-003		0.0803	0.0803		0.0746	0.0746	0.0000	127.2061	127.2061	0.0351		128.0826
Total	**0.2208**	**1.1179**	**1.1798**	**1.3500e-003**	**3.7973**	**0.0803**	**3.8775**	**0.5749**	**0.0746**	**0.6495**	**0.0000**	**127.2061**	**127.2061**	**0.0351**		**128.0826**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2035	6.5498	1.4302	0.0159	0.3497	0.0251	0.3747	0.0959	0.0240	0.1198		1,721.9263	1,721.9263	0.1253		1,725.0579
Vendor	0.0288	0.7370	0.2210	1.5400e-003	0.0384	5.2600e-003	0.0437	0.0111	5.0400e-003	0.0161		164.4899	164.4899	0.0119		164.7866
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.3546**	**7.3791**	**2.6458**	**0.0199**	**0.6116**	**0.0323**	**0.6440**	**0.1662**	**0.0309**	**0.1970**		**2,122.5314**	**2,122.5314**	**0.1460**		**2,126.1818**

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0543	0.0000	0.0543	8.2200e-003	0.0000	8.2200e-003			0.0000			0.0000
Off-Road	0.4825	3.9108	4.3183	5.9000e-003		0.2314	0.2314		0.2129	0.2129		594.1979	594.1979	0.1850		598.8225
Total	**0.4825**	**3.9108**	**4.3183**	**5.9000e-003**	**0.0543**	**0.2314**	**0.2857**	**8.2200e-003**	**0.2129**	**0.2211**		**594.1979**	**594.1979**	**0.1850**		**598.8225**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0407	1.3100	0.2861	3.1900e-003	0.0699	5.0100e-003	0.0749	0.0192	4.7900e-003	0.0240		344.3853	344.3853	0.0251		345.0116
Vendor	0.0288	0.7370	0.2210	1.5400e-003	0.0384	5.2600e-003	0.0437	0.0111	5.0400e-003	0.0161		164.4899	164.4899	0.0119		164.7866
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1918**	**2.1393**	**1.5016**	**7.1000e-003**	**0.3319**	**0.0123**	**0.3442**	**0.0895**	**0.0117**	**0.1012**		**744.9904**	**744.9904**	**0.0458**		**746.1355**

3.3 Grading - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0212	0.0000	0.0212	3.2100e-003	0.0000	3.2100e-003			0.0000			0.0000
Off-Road	0.4825	3.9108	4.3183	5.9000e-003		0.2314	0.2314		0.2129	0.2129	0.0000	594.1979	594.1979	0.1850		598.8225
Total	**0.4825**	**3.9108**	**4.3183**	**5.9000e-003**	**0.0212**	**0.2314**	**0.2525**	**3.2100e-003**	**0.2129**	**0.2161**	**0.0000**	**594.1979**	**594.1979**	**0.1850**		**598.8225**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0407	1.3100	0.2861	3.1900e-003	0.0699	5.0100e-003	0.0749	0.0192	4.7900e-003	0.0240		344.3853	344.3853	0.0251		345.0116
Vendor	0.0288	0.7370	0.2210	1.5400e-003	0.0384	5.2600e-003	0.0437	0.0111	5.0400e-003	0.0161		164.4899	164.4899	0.0119		164.7866
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1918**	**2.1393**	**1.5016**	**7.1000e-003**	**0.3319**	**0.0123**	**0.3442**	**0.0895**	**0.0117**	**0.1012**		**744.9904**	**744.9904**	**0.0458**		**746.1355**

3.4 Trenching - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2061	1.0831	1.1581	1.3500e-003		0.0734	0.0734		0.0682	0.0682		125.5563	125.5563	0.0350		126.4311
Total	**0.2061**	**1.0831**	**1.1581**	**1.3500e-003**		**0.0734**	**0.0734**		**0.0682**	**0.0682**		**125.5563**	**125.5563**	**0.0350**		**126.4311**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0260	0.6953	0.2031	1.5300e-003	0.0384	4.5000e-003	0.0429	0.0111	4.3000e-003	0.0154		162.7663	162.7663	0.0114		163.0521
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226
Total	**0.1368**	**0.7766**	**1.0880**	**3.8200e-003**	**0.2620**	**6.4300e-003**	**0.2684**	**0.0704**	**6.0800e-003**	**0.0764**		**391.1924**	**391.1924**	**0.0193**		**391.6747**

3.4 Trenching - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2061	1.0831	1.1581	1.3500e-003		0.0734	0.0734		0.0682	0.0682	0.0000	125.5563	125.5563	0.0350		126.4311
Total	**0.2061**	**1.0831**	**1.1581**	**1.3500e-003**		**0.0734**	**0.0734**		**0.0682**	**0.0682**	**0.0000**	**125.5563**	**125.5563**	**0.0350**		**126.4311**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0260	0.6953	0.2031	1.5300e-003	0.0384	4.5000e-003	0.0429	0.0111	4.3000e-003	0.0154		162.7663	162.7663	0.0114		163.0521
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226
Total	**0.1368**	**0.7766**	**1.0880**	**3.8200e-003**	**0.2620**	**6.4300e-003**	**0.2684**	**0.0704**	**6.0800e-003**	**0.0764**		**391.1924**	**391.1924**	**0.0193**		**391.6747**

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6640	7.4353	3.4872	7.2900e-003		0.3653	0.3653		0.3361	0.3361		722.5310	722.5310	0.2286		728.2460
Total	**0.6640**	**7.4353**	**3.4872**	**7.2900e-003**		**0.3653**	**0.3653**		**0.3361**	**0.3361**		**722.5310**	**722.5310**	**0.2286**		**728.2460**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0260	0.6953	0.2031	1.5300e-003	0.0384	4.5000e-003	0.0429	0.0111	4.3000e-003	0.0154		162.7663	162.7663	0.0114		163.0521
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226
Total	**0.1368**	**0.7766**	**1.0880**	**3.8200e-003**	**0.2620**	**6.4300e-003**	**0.2684**	**0.0704**	**6.0800e-003**	**0.0764**		**391.1924**	**391.1924**	**0.0193**		**391.6747**

3.5 Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6640	7.4353	3.4872	7.2900e-003		0.3653	0.3653		0.3361	0.3361	0.0000	722.5310	722.5310	0.2286		728.2460
Total	**0.6640**	**7.4353**	**3.4872**	**7.2900e-003**		**0.3653**	**0.3653**		**0.3361**	**0.3361**	**0.0000**	**722.5310**	**722.5310**	**0.2286**		**728.2460**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0260	0.6953	0.2031	1.5300e-003	0.0384	4.5000e-003	0.0429	0.0111	4.3000e-003	0.0154		162.7663	162.7663	0.0114		163.0521
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226
Total	**0.1368**	**0.7766**	**1.0880**	**3.8200e-003**	**0.2620**	**6.4300e-003**	**0.2684**	**0.0704**	**6.0800e-003**	**0.0764**		**391.1924**	**391.1924**	**0.0193**		**391.6747**

3.6 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5097	4.8206	3.9743	5.3600e-003		0.3474	0.3474		0.3196	0.3196		530.6399	530.6399	0.1679		534.8371
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5097**	**4.8206**	**3.9743**	**5.3600e-003**		**0.3474**	**0.3474**		**0.3196**	**0.3196**		**530.6399**	**530.6399**	**0.1679**		**534.8371**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0260	0.6953	0.2031	1.5300e-003	0.0384	4.5000e-003	0.0429	0.0111	4.3000e-003	0.0154		162.7663	162.7663	0.0114		163.0521
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226
Total	**0.1368**	**0.7766**	**1.0880**	**3.8200e-003**	**0.2620**	**6.4300e-003**	**0.2684**	**0.0704**	**6.0800e-003**	**0.0764**		**391.1924**	**391.1924**	**0.0193**		**391.6747**

3.6 Paving - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5097	4.8206	3.9743	5.3600e-003		0.3474	0.3474		0.3196	0.3196	0.0000	530.6399	530.6399	0.1679		534.8371
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5097**	**4.8206**	**3.9743**	**5.3600e-003**		**0.3474**	**0.3474**		**0.3196**	**0.3196**	**0.0000**	**530.6399**	**530.6399**	**0.1679**		**534.8371**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0260	0.6953	0.2031	1.5300e-003	0.0384	4.5000e-003	0.0429	0.0111	4.3000e-003	0.0154		162.7663	162.7663	0.0114		163.0521
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226
Total	**0.1368**	**0.7766**	**1.0880**	**3.8200e-003**	**0.2620**	**6.4300e-003**	**0.2684**	**0.0704**	**6.0800e-003**	**0.0764**		**391.1924**	**391.1924**	**0.0193**		**391.6747**

4.0 Operational Detail - Mobile

GHG Emissions - Construction Activity

CONSTRUCTION GHG

Phase	Source	CO2e (lb/day)	Days	CO2e (lb CO2e/source)
Demo	Equipment	128.0826	3	384.2
Demo	Hauling	1725.0579	3	5175.2
Demo	Vendor	164.7866	3	494.4
Demo	Workers	236.3373	3	709.0
Grading	Equipment	598.8225	7	4191.8
Grading	Hauling	345.0116	14	4830.2
Grading	Vendor	164.7866	14	2307.0
Grading	Workers	236.3373	14	3308.7
Trenching	Equipment	126.4311	10	1264.3
Trenching	Hauling			0.0
Trenching	Vendor	163.0521	15	2445.8
Trenching	Workers	228.6226	15	3429.3
Building Construction	Equipment	728.246	1	728.2
Building Construction	Hauling			0.0
Building Construction	Vendor	163.0521	90	14674.7
Building Construction	Workers	228.6226	90	20576.0
Paving	Equipment	534.8371	7	3743.9
Paving	Hauling			0.0
Paving	Vendor	163.0521	7	1141.4
Paving	Workers	228.6226	7	1600.4
			Total (MTCO2e)	**32.2**
			Amortized (3-Years)	**10.7**

ATTACHMENT C. BIOLOGICAL RESOURCES INFORMATION

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AECOM
300 S Grand Avenue,
Los Angeles, CA 90071
www.aecom.com

213.593.8100 tel
213.593.8053 fax

Memorandum

To	Ms. Heloise Froelich Environmental Management Group Bureau of Engineering, Department of Public Works	Pages 9
Subject	Bridge Housing Project (Council District 10): Biological Resources Technical Memorandum	
From	Arthur Popp, AECOM	
Date	October 31, 2018	

Introduction

This technical memorandum describes the biological resources associated with the Bridge Housing Project (proposed project) to be located at 625 South La Fayette Park Place in the Wilshire Community Plan Area of the City of Los Angeles (Council District 10), Los Angeles County, California (subject property/project site). The proposed project consists of a temporary change in property use from a City-owned park to a City-owned temporary emergency homeless shelter for no more than 3 years. The subject property is part of a City of Los Angeles Recreation and Parks Department park, known as La Fayette Park, which is addressed at 625 South La Fayette Park Place. The subject property portion of La Fayette Park is separated from the main larger park site by Wilshire Boulevard. The subject property portion of the park consists of Los Angeles County Assessor Parcel Number (APN) 5077-006-901, which comprises approximately 0.682 acre. No street address is associated with the subject property parcel. The subject property is currently developed with two tennis courts surrounded by landscaping and trees. The proposed project will require the removal of three mature trees, but will be replaced on-site per the current requirements (3 to 1 replacement ratio) of the Recreation and Parks Department. The proposed project would include a new 7,200-square-foot tent structure with 70 beds, a 480-square-foot hygiene trailer, a freestanding shade structure, a 960-square-foot administration trailer, a 1,300-square-foot exterior dining area, a 130-square-foot food preparation and serving area, 385 square-feet of bin storage, 475 linear-feet of street and on-site fencing, a 500-square-foot outdoor pet area, bike racks, a smoking area, and general open space that would serve the local homeless community.

The project design shall comply with a construction management plan that includes project design conditions, as necessary, to protect the health and safety of the community and protect the environment surrounding the project site. The construction management plan and appropriate design conditions have been selected from the *City of Los Angeles, Bureau of Engineering, Master Specifications, Division 01, General Requirements, Section 01562, Part 1.1.C.* In addition, unless otherwise stated, the proposed project will be designed, constructed and operated following all applicable laws, regulations, ordinances and formally adopted City standards including but not limited to:

- Los Angeles Municipal Code
- Bureau of Engineering Standard Plans
- Standard Specifications for Public Works Construction
- Work Area Traffic Control Handbook
- Additions and Amendments to the Standard Specifications for Public Works Construction

Regulatory control measures (RCMs) will be applied to the proposed project as required by the following laws, rules and regulations, as follow:

Federal Regulations and Standards

- Federal Endangered Species Act (FESA)
- Migratory Bird Treaty Act (MBTA)
- Clean Water Act (CWA)

State Regulations and Standards

- California Fish and Game Code (CFGC)
- Porter-Cologne Water Quality Control Act
- California Environmental Quality Act (CEQA)
- California Coastal Act

Local Regulations and Standards

- County of Los Angeles Regional Planning Significant Ecological Areas (SEA) Program
- South Coast Air Quality Management District
- City of Los Angeles Tree Ordinance
- County of Los Angeles Oak Tree Ordinance
- Recreation and Parks Department Tree Replacement Policy

Purpose

The purpose of this memorandum is to document the biological resources occurring within the project site and to evaluate the potential effects to biological resources resulting from implementation of the proposed project. As presented in this memorandum, implementation of the proposed project is not anticipated to have a significant effect on biological resources.

Site Setting

The project site is located at 625 South La Fayette Park Place in the Westlake neighborhood of Central Los Angeles, in the Wilshire Community Plan Area. The project site is triangular-shaped and bordered on all sides by roadways. Currently, the project site is a public park with a tennis court and landscaping. The area surrounding the project site is completely urbanized and developed with residential and commercial buildings.

Methods for Assessing Biological Resources

A search of relevant databases for regional special-status biological resources in the vicinity of the project site was conducted. The project site occurs in the east-central portion of the U.S. Geological Survey's Hollywood, California, quadrangle. A search of this quadrangle and the surrounding eight quadrangles, including Pasadena, Beverly Hills, South Gate, Burbank, Los Angeles, Venice, Van Nuys, and Inglewood, was made of the California Department of Fish and Wildlife's (CDFW) California Natural Diversity Database (CNDDB) and of the California Native Plant Society's (CNPS) on-line Inventory of Rare and Endangered Plants of California. Additionally, the U.S. Fish and Wildlife Service's (USFWS) online Information for Planning and Consultation (IPaC) database was reviewed for special-status species, sensitive natural communities, and protected areas known from the project vicinity.

On October 12, 2018, a field assessment of the project site was conducted by AECOM biologist Art Popp to document existing biological resources that occur or have the potential to occur on-site. The survey focused on trees within the project site. Observations of conditions on adjacent properties were also made. This memorandum presents the results of this survey and background review and is intended to assist the Los Angeles Bureau of Engineering during the environmental review process for the proposed project. The survey was intended as an evaluation of on-site vegetation and an assessment of the potential for occurrence of special-status plant and wildlife species.

Plant species within the project site and wildlife species observed within the project site and surrounding area were recorded. Seasonal, species-specific botanical and wildlife surveys were not conducted as part of this evaluation; however, based on the survey conducted and an assessment of on-site conditions, it is apparent that special-status plant and wildlife species are not expected on-site.

Existing Conditions

The project site is a triangular-shaped park area surrounded on all sides by roadways; South La Fayette Park Place to the east, Wilshire Boulevard to the north, and Hoover Street to the west. It includes a tennis court with lawn around it, and ornamental trees and shrubs. Commercial and residential development occurs around the project site. The project site is flat and lies at approximately 265 feet above mean sea level. Photos of the project site are included in Attachment 1.

Vegetation Communities and Plants

Vegetation communities are assemblages of plant species that commonly coexist. The classification of vegetation communities is based on the life form of the dominant species within that community and the associated species. No native plant communities occur on-site.

Approximately 30 common non-native ornamental trees, a few shrubs and herbaceous plants, and a lawn composed mostly of bare ground with dead grasses were documented in the project site during the field survey. Most trees occur along the north side of the tennis court, where 11 pear (*Pyrus calleryana*) occur between the tennis court and sidewalk, and six large Canary Island date palm (*Phoenix canariensis*) occur between the sidewalk and Wilshire Boulevard. Five Queen palm (*Syagrus romanzoffiana*), one red gum eucalyptus (*Eucalyptus camaldulensis*), one red ironbark eucalyptus (*Eucalyptus sideroxylon*), and one Arizona cypress (*Hersperocyparis arizonica*) occur in the southern portion of the site. Additional pear trees occur west of the tennis court, along with an olive (*Olea* sp.) shrub and bird of paradise (*Strelitzia reginae*) in a small landscaped area.

No special-status plant species were observed during the filed survey.

Wildlife

Wildlife species observed within and around the project site during the field survey included only house sparrow (*Passer domesticus*). Bird activity on-site was low during the survey and no other wildlife was observed on-site or in surrounding areas.

No special-status wildlife species were detected during the field survey.

Wildlife Corridor

In an urban context, a wildlife migration corridor can be defined as a linear landscape feature of sufficient width and buffer to allow animal movement between two comparatively undisturbed habitat fragments, or between a habitat fragment and some vital resource that encourages population growth and diversity. Habitat fragments are isolated patches of habitat separated by otherwise foreign or inhospitable areas, such as urban tracts or highways. Two types of wildlife migration corridors seen in urban settings are regional corridors, defined as those linking two or more large areas of natural open space, and local corridors, defined as those allowing resident wildlife to access critical resources (food, cover, and water) in a smaller area that might otherwise be isolated by urban development.

The project site does not occur within an established regional wildlife corridor, nor does it serve as a significant local corridor. The project site occurs in a heavily urbanized and densely populated area of the City. Although ornamental trees on-site and in the surrounding area may provide some opportunities for cover, resting, foraging, and nesting to localized bird populations, they do not provide functions as a significant regional or local wildlife movement corridor.

Special-Status Species

Special-Status Plant Species

Special-status plant species include those listed as endangered, threatened, or rare or those species proposed for listing by USFWS under the federal Endangered Species Act (FESA), those listed by CDFW under the California Endangered Species Act (CESA), and the CNPS.[1,2,3] The CNPS inventory is sanctioned by CDFW and essentially serves as the list of candidate plant species for state listing. CNPS's California Rare Plant Rank (CRPR) 1B and 2 species are considered eligible for state listing as endangered or threatened.
A total of 70 plant species were identified from the CNDDB (CDFW 2018a) and CNPS (CNPS 2018) database searches to have historically been recorded from the Hollywood and surrounding eight quadrangles, and from a search of IPaC (USFWS 2018) for the project area, including thirteen federal and/or state-listed species: marsh sandwort (*Arenaria paludicola*), Braunton's milk-vetch (*Astragalus brauntonii*), Ventura marsh milk-vetch (*Astragalus pycnostachyus* var. *lanosissimus*), coastal dunes milk-vetch (*Astragalus tener* var. *titi*), Nevin's barberry (*Berberis nevinii*), salt marsh bird's-beak (*Chloropyron maritimum* spp. *maritimum*), San Fernando spineflower (*Chorizanthe parryi* var. *fernandina*), beach spectaclepod (*Dithyrea maritima*), slender-horned spineflower (*Dodecahema leptoceras*), San Diego button-celery (*Erynigium aristulatum* var. *parishii*), Gambel's water cress (*Nasturtium gambelii*), spreading navarretia (*Navarretia fossalis*), and California orcutt grass (*Orcuttia californica*). The 70 special-status plant species identified by the database reviews are combined and their status and habitat requirements are provided in Table A, Attachment 2.

No special-status plant species were observed during the field survey or have been recorded from within the project site, and the project site does not provide habitat potentially suitable for any special-status plants. As a result, no special-status plant species are anticipated to occur within the project site. Additionally, no USFWS-designated critical habitat for any special-status plant species coincides with the project site.

Special-Status Wildlife Species

Special-status wildlife species include those listed by USFWS under FESA and by CDFW under CESA (CDFW 2018b). USFWS officially lists species as either threatened, endangered, or as candidates for listing. Additional species receive federal protection under the Bald Eagle Protection Act (e.g., bald eagle, golden eagle), the Migratory Bird Treaty Act (MBTA), and state protection under California Environmental Quality Act Section 15380(d).

All birds, except European starlings; English house sparrows; rock doves (pigeons); and non-migratory game birds such as quail, pheasant, and grouse are protected under the MBTA. However, non-migratory game birds are protected under California Fish and Game Code (CFGC) Section 3503. Many other species are considered by CDFW to be California Species of Special Concern (SSC) and others are on a CDFW Watch List (WL). The CNDDB tracks species within California for which there is conservation concern, including many that are not formally listed, and assigns them a CNDDB Rank. Although CDFW SSC and WL species and species that are tracked by the CNDDB but not formally listed are afforded no official legal status, they may receive special consideration during the environmental review process. CDFW further classifies some species as "Fully Protected" (FP), indicating that the species may not be taken or possessed except for scientific purposes, under special permit from CDFW. Additionally, CFGC Sections 3503, 3505, and 3800 prohibit the take, destruction, or possession of any bird, nest, or egg of any bird except English house sparrows and European starlings unless authorization is obtained from CDFW.

A total of 53 wildlife species were identified from the CNDDB (CDFW 2018a) search to have historically been recorded from the Hollywood and surrounding eight quadrangles and a search of IPaC (USFWS 2018) for the project area, including fourteen federal and/or state-listed wildlife species: Swainson's hawk (*Buteo swainsoni*), western yellow-billed cuckoo (*Coccyzus americanus occidentalis*), western snowy plover (*Charadrius*

[1] Species listed or proposed for listing as threatened or endangered under the federal Endangered Species Act (Title 50 Code of Federal Regulations [CFR] 17.12 [listed plants], Title 50 CFR 17.11 [listed animals] and includes notices in the Federal Register for proposed species).

[2] Species listed or proposed for listing by the State of California as threatened or endangered under the California Endangered Species Act (Title 14 California Code of Regulations 670.5).

[3] Plants listed as rare under the California Native Plant Protection Act (California Fish and Game Code Section 1900 *et seq*.).

alexandrines nivosus), southwestern willow flycatcher (*Empidonax traillii extimus*), El Segundo blue butterfly (*Euphilotes battoides allyni*), California black rail (*Laterallus jamaicensis coturniculus*), Belding's savannah sparrow (*Passerculus sandwichensis beldingi*), Pacific pocket mouse (*Perognathus longimembris pacificus*), coastal California gnatcatcher (*Polioptila californica californica*), southern mountain yellow-legged frog (*Rana muscosa*), bank swallow (*Riparia riparia*), California least tern (*Sternula antillarum browni*), Riverside fairy shrimp (*Streptocephalus woottoni*), and least Bell's vireo (*Vireo bellii pusillus*). The 53 special-status wildlife species identified by the database reviews are combined and their status and habitat requirements are provided in Table B, Attachment 2.

No special-status wildlife species were observed during the site survey or have been recorded from within the project area, and the project site does not provide habitat potentially suitable for any special-status wildlife. As a result, no special-status wildlife species are anticipated to occur within the project site. Additionally, no USFWS-designated critical habitat for any special-status wildlife species coincides with the project site.

Sensitive Natural Communities

Sensitive natural communities are those that are designated as rare in the region by the CNDDB, support special-status plant or wildlife species, or receive regulatory protection (i.e., Section 404 of the Clean Water Act [CWA] and/or Sections 1600 et seq. of the CFGC). Rare communities are given the highest inventory priority (Holland 1986; CDFG 2010). Based on a review of the CNDDB, eight sensitive vegetative communities have been recorded within the Hollywood and surrounding eight quadrangles, including California Walnut Woodland, Riversidian Alluvial Fan Sage Scrub, Southern Coast Live Oak Riparian Woodland, Southern Cosatal Salt Marsh, Southern Cottonwood Willow Riparian Forest, Southern Dune Scrub, Southern Sycamore Alder Riparian Woodland, and Walnut Forest (CDFW 2018a). These communities are generally documented in the CNDDB from about 4-5 miles to the north, in Griffith Park, and farther to the northeast in the Verdugo Mountains.

No sensitive natural communities occur within the project site and surrounding area. On-site vegetation consists of ornamental species that are common in urban environments. Additionally, no sensitive aquatic communities (i.e., wetlands or other waters) under regulatory jurisdiction of the U.S. Army Corps of Engineers (USACE), CDFW, and the Regional Water Quality Control Board (RWQCB) occur on-site.

Applicable Regulations

As referenced above in the Introduction section, several regulations and standards have been established by federal, state, and local agencies to protect and conserve biological resources. The proposed project would be designed and constructed in compliance with the regulations and standards listed above.

Impacts on Biological Resources

Biological resources may be either directly or indirectly impacted by a project. Direct and indirect impacts may be either permanent or temporary in nature. These impact categories are defined below.

- **Direct**: Any alteration, physical disturbance, or destruction of biological resources that would result from project-related activities is considered a direct impact. Examples include clearing vegetation, encroaching into wetlands or a stream, and the loss of individual species and/or their habitats.
- **Indirect**: As a result of project-related activities, biological resources may also be affected in a manner that is ancillary to physical impacts. Examples include elevated noise and dust levels, soil compaction, increased human activity, decreased water quality, and the introduction of invasive wildlife (domestic cats and dogs) and plants.
- **Permanent**: All impacts that result in the long-term or irreversible removal of biological resources are considered permanent. Examples include constructing a building or permanent road on an area containing biological resources.
- **Temporary**: Any impacts considered to have reversible effects on biological resources can be viewed as temporary. Examples include the generation of fugitive dust during construction; or removing vegetation in preparation for earth stabilization activities, and either allowing the natural vegetation to recolonize or actively revegetating the impact area. Surface disturbance that removes vegetation and disturbs the soil is considered a long-term temporary impact because of slow natural recovery in arid ecosystems.

Construction

The anticipated impacts to biological resources of proposed project construction are described below.

Vegetation

Implementation of the proposed project will result in the removal of up to three mature trees, all common non-native ornamental species that are not protected by the City's tree ordinance. However, as part of the proposed project implementation, tree replacement at a ratio of 3 to 1 will occur per the Recreation and Parks Department Tree Replacement Policy. The removal and replacement of ornamental trees during project implementation does not constitute a significant effect to the environment.

Indirect impacts to ornamental vegetation inside and outside the project site could include the accumulation of fugitive dust, and the colonization of non-native, invasive plant species. Other indirect impacts could include an increase in the amount of compacted or modified surfaces that, if not controlled, could increase the potential for surface runoff, increased erosion, and sediment deposition beyond the project's footprint. As described in the Introduction section above, RCMs related to fugitive dust (e.g., implementation of Rule 403 measures required by the South Coast Air Quality Management District) and erosion control (e.g., implementation of a Storm Water Pollution Prevention Plan) will be followed such that indirect impacts to ornamental vegetation would not occur. The proposed project would not have a significant effect on any vegetation.

Special-Status Plant Species

Individual special-status plant species could be damaged or destroyed from crushing or trampling during construction activities; however, no federal or state-listed plant species were identified during the site survey or have been recorded from the project site, and special-status plants are not expected to occur within the project site due to a lack of potentially suitable habitat. Since no special-status plants were observed and the site is not suitable for them, none are expected to occur on-site. As a result, significant direct effects on special-status plants are not anticipated.

Indirect impacts to special-status plant species occurring outside the project site could result from construction-related habitat loss and modification of sensitive natural communities related to dust, noise, and stormwater runoff, and through the potential spread of noxious and invasive plant species into these communities. Such impacts would be considered significant; however, suitable habitat for special-status plants is not present in the urban environment surrounding the project site, and by implementing RCMs related to fugitive dust and erosion control, the potential for indirect impacts to special-status plants would be further reduced. As a result, significant indirect effects to special-status plants would not occur.

Sensitive Natural Communities

Implementation of the proposed project would not result in direct or indirect impacts to any sensitive natural communities. As presented above, no sensitive natural communities occur within the project site and surrounding area. Additionally, sensitive aquatic habitats under regulatory jurisdiction of USACE, CDFW, and RWQCB do not occur in the project site or surrounding area. As a result, significant effects to sensitive natural communities would not occur.

Wildlife

Elements of project construction could potentially affect common wildlife. Tree removal and ground disturbance activities could result in the mortality of individual wildlife species, and species with limited mobility or that occupy burrows within the construction zone could be crushed during project activities. Additionally, short-term indirect effects on wildlife would occur when wildlife, primarily urban bird species (discussed further below), avoid the immediate construction area due to noise disturbances, increased human activity, and vibrations caused by heavy equipment. Although wildlife mortality is unlikely and not considered significant, direct and indirect impacts to common wildlife would be avoided and minimized by implementing and adhering to RCMs related to fugitive dust, erosion control, and noise (e.g., properly maintained equipment). As a result, significant effects to wildlife are not anticipated.

Ornamental trees in the project site and surrounding area provide potentially suitable nesting habitat for urban bird species. As a result, birds protected by the MBTA and the CFGC have the potential to nest in and near the project site. The proposed project will require the removal of up to three mature trees. As described in the Introduction section above, RCMs related to nesting birds and their habitat (e.g., conducting pre-construction surveys for nesting birds and providing a biological monitor should nesting birds be present) will be followed such that direct impacts of vegetation removal on nesting birds or their associated habitat would not occur. The proposed project would not have a significant effect on birds protected by the MBTA and the CFGC.

Indirect impacts to nesting birds within the vicinity of the project site could occur during construction as a result of noise, dust, increased human presence, and vibrations resulting from construction activities. Disturbances related to construction activities could result in increased nestling mortality due to nest abandonment or decreased feeding frequency. As described in the Introduction section above, adhering to RCMs (i.e., fugitive dust, erosion control, and noise) and adhering to RCMs regarding nesting birds protected by the MBTA and CFGC, the proposed project would not have a significant indirect effect on nesting birds.

Special-Status Wildlife Species

Individual special-status wildlife species could be directly and indirectly affected during construction in the same manner as described above; however, no federal or state-listed wildlife species have been identified on-site and potentially suitable habitat for such species is absent from the project site and surrounding area. Therefore, significant direct and indirect effects to special-status wildlife would not occur.

Wildlife Movement Corridor

The project site does not serve as a regional wildlife corridor and, as a result, direct and indirect impacts to a regional wildlife movement corridor would not occur. Therefore, significant direct and indirect effects to localized bird movement would not occur.

Operation

Significant impacts to vegetation, special-status plant species, and sensitive natural communities during operations and routine maintenance of the day laborer and homeless services center are not anticipated. Only ornamental vegetation would occur on-site upon project completion, and special-status plants are not expected to occur in the project site or surrounding area due to a lack of suitable habitat. As a result, significant effects to vegetation, special-status plants, and sensitive natural communities during operations and routine maintenance of the center are not anticipated.

Impacts to wildlife, special-status wildlife species, and wildlife movement would be limited. Activities would be conducted within previously disturbed and developed surfaces containing only ornamental vegetation, and would generally not change biological conditions from those present prior to and after project construction. As a result, operation and maintenance activities are not anticipated to significantly affect wildlife, special-status wildlife species, and wildlife movement.

Avoidance, Minimization, and Regulatory Control Measures

The potential exists for nesting birds protected under the MBTA and CFGC to occur in ornamental trees within the project site and surrounding area; therefore, compliance with RCMs, such as conducting pre-construction surveys for nesting birds and providing a biological monitor if nesting birds are present, would ensure potential effects to nesting birds during the bird breeding season (February 15 through September 1) are avoided.

Conclusions

Based on the analysis presented above regarding anticipated effects of the proposed project, significant effects to nesting birds protected under the MBTA and by CFGC would not occur as the proposed project would adhere to applicable RCMs. No other significant effects to biological resources are anticipated.

Prepared by



Arthur Popp
Senior Biologist

Attachment 1 – Site Photos
Attachment 2 – Special-Status Species and Natural Vegetation Communities Considered

References

California Department of Fish and Game (CDFG)
2010 *List of California Terrestrial Natural Communities Recognized by the Natural Diversity Data Base.* Natural Heritage Division. The Resources Agency. September.

California Department of Fish and Wildlife (CDFW)
2018a *California Natural Diversity Database (CNDDB).* Full condensed report for the Hollywood and surrounding eight quadrangles, including Pasadena, Beverly Hills, South Gate, Burbank, Los Angeles, Venice, Van Nuys, and Inglewood. Generated October 11, 2018.

2018b Special Animals. California Natural Diversity Database. August. Available at https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=109406.

California Native Plant Society (CNPS)
2018 Rare Plant Program. Inventory of Rare and Endangered Plants of California (online edition, v8-03 0.39). Available at http://www.rareplants.cnps.org. CNPS report for the Hollywood and surrounding eight quadrangles, including Pasadena, Beverly Hills, South Gate, Burbank, Los Angeles, Venice, Van Nuys, and Inglewood. Generated October 11, 2018.

Holland, R.
1986 *Preliminary Descriptions of the Terrestrial Natural Communities of California*. California Department of Fish and Game, The Resources Agency. 156 pp.

U.S. Fish and Wildlife Service (USFWS)
2018 Information for Planning and Conservation. Available at https://ecos.fws.gov/ipac/. Accessed October 11, 2018.

Attachment 1
Site Photos



Photo 1. North-facing view across the project site from the southern corner of the site.



Photo 2. North-facing view of landscaped area along the west of the tennis courts.



Photo 3. West-facing view of the north side of tennis courts, with Wilshire Boulevard at far right.



Photo 4. South-facing view of east side of tennis courts, with South La Fayette Park Pl. at right.

Attachment 2
Special-Status Species and Natural Vegetation Communities Considered

TABLE A. SPECIAL-STATUS PLANT SPECIES AND NATURAL VEGETATION COMMUNITIES CONSIDERED[1]

Common Name *Scientific Name*[2]	Status[3]	General Habitat Description[4]
red sand-verbena *Abronia maritima*	Federal: None State: None CRPR: 4.2	Coastal dunes. Occurs between 0–100 meters (0–330 feet). Blooms February–November.
marsh sandwort *Arenaria paludicola*	Federal: FE State: SE CRPR: 1B.1	Sandy openings in freshwater or brackish marshes and swamps. Occurs between 3-170 meters (10-560 feet). Blooms May-August.
western spleenwort *Asplenium vespertinum*	Federal: None State: None CRPR: 4.2	Prefers rocky substrates in chaparral, cismontane woodland, and coastal scrub habitats. Occurs between 180-1,000 meters (590-3,280 feet). Blooms February-June.
Braunton's milk- vetch *Astragalus brauntonii*	Federal: FE State: None CRPR: 1B.1	Closed-cone coniferous forest, chaparral, coastal scrub, and valley and foothill grassland. Prefers recent burns or disturbed areas, in stiff gravelly clay soils overlying granite or limestone. Occurs between 4-640 meters (13-2,100 feet). Blooms January-August.
Ventura marsh milk-vetch *Astragalus pycnostachyus* var. *lanosissimus*	Federal: FE State: SE CRPR: 1B.1	Coastal dunes, coastal scrub, and edges of coastal salt or brackish marshes and swamps. Occurs between 1-35 meters (3-115 feet). Blooms June-October.
coastal dunes milk-vetch *Astragalus tener* var*. titi*	Federal: FE State: SE CRPR: 1B.1	Often vernally mesic areas in sandy coastal bluff scrub, coastal dunes, and mesic coastal prairie. Occurs between 1-50 meters (3-165 feet). Blooms March-May.
Coulter's saltbush *Atriplex coulteri*	Federal: None State: None CRPR: 1B.2	Often in alkaline or clay habitats of coastal bluff scrub, coastal dunes, coastal scrub and valley and foothill grasslands. Occurs between 3-460 meters (10-1,510 feet). Blooms March-October.
South Coast saltscale *Atriplex pacifica*	Federal: None State: None CRPR: 1B.2	Alkali sink, coastal sage scrub, wetland-riparian playas and coastal habitats. Occurs between 0-140 meters (0-460 feet). Blooms March-October.
Parish's brittlescale *Atriplex parishii*	Federal: None State: None CRPR: 1B.1	Alkaline chenopod scrub, playas, and vernal pools. Occurs between 25-1,900 meters (80-6,230 feet). Blooms June-October.
Davidson's saltscale *Atriplex serenana* var. *davidsonii*	Federal: None State: None CRPR: 1B.2	Chaparral, cismontane woodland, coastal scrub, riparian scrub. Occurs at 70-825 meters (230 to 2,700 feet). Blooms (Feb) March-June.
Catalina mariposa lily *Calochortus catalinae*	Federal: None State: None CRPR: 4.2	Chaparral, cismontane woodland, coastal scrub, and valley and foothill grassland. Occurs between 15-700 meters (50-2,300 feet). Blooms February-June.
Nevin's barberry *Berberis nevinii*	Federal: FE State: SE CRPR: 1B.1	Chaparral, cismontane woodland, coastal scrub, riparian scrub. Occurs at 70-825 meters (230 to 2,700 feet). Blooms (Feb) March-June.
Catalina mariposa-lily *Calochortus catalinae*	Federal: None State: None CRPR: 4.2	Chaparral, cismontane woodland, coastal scrub, and valley and foothill grasslands. Occurs at 15-700 meters (50-2,300 feet). Blooms February-June.
slender mariposa-lily *Calochortus clavatus* var. *gracilis*	Federal: None State: None CRPR: 1B.2	Chaparral and coastal scrub, in shaded foothill canyons, often on grassy slopes within other habitats. Occurs between 320-1,000 meters (1,050-3,280 feet). Blooms March–June.

Common Name *Scientific Name*[2]	Status[3]	General Habitat Description[4]
Plummer's mariposa-lily *Calochortus plummerae*	Federal: None State: None CRPR: 4.2	Coastal scrub, chaparral, valley and foothill grassland, cismontane woodland, lower montane coniferous forest, on rocky and sandy sites (granitic or alluvial material). Occurs between 100–1,700 meters (330-5,580 feet). Blooms May–July.
lucky morning-glory *Calystegia felix*	Federal: None State: None CRPR: 1B.1	Sometimes alkaline meadows and seeps and alluvial riparian scrub. Historically associated with wetland and marshy places, but possibly in drier situations as well. Possibly silty loam and alkaline. Occurs between 30-215 meters (100-705 feet). Blooms March-September.
Lewis' evening primrose *Camissoniopsis lewisii*	Federal: None State: None CRPR 3	Sandy or clay sites in coastal bluff scrub, cismontane woodland, coastal dunes, coastal scrub, and valley and foothill grasslands. Occurs between 0-300 meters (0-980 feet). Blooms March-June.
southern tarplant *Centromadia parryi* ssp. *australis*	Federal: None State: None CRPR: 1B.1	Marshes and swamps (margins), valley and foothill grassland. Often in disturbed sites near the coast at marsh edges; also in alkaline soils sometimes with saltgrass. Occurs between 0–480 meters (0-1,570 feet). Blooms May–November.
smooth tarplant *Centromadia pungens* ssp. *laevis*	Federal: None State: None CRPR: 1B.1	Alkaline habitats in chenopod scrub, meadows and seeps, playas, riparian woodland, and valley and foothill grassland. Occurs between 0-640 meters (0-2,100 feet). Blooms April-September.
Orcutt's pincushion *Chaenactis glabriuscula* var. *orcuttiana*	Federal: None State: None CRPR: 1B.1	Sandy coastal bluff scrub and coastal dunes. Occurs from 0–100 meters (0–330 feet). Blooms January–August.
coastal goosefoot *Chenopodium littoreum*	Federal: None State: None CRPR: 1B.2	Coastal dunes. Occurs from 10–30 meters (33–100 feet). Blooms April–August.
salt marsh bird's-beak *Chloropyron maritimum* ssp. *maritimum*	Federal: FE State: SE CRPR: 1B.2	Coastal dunes and coastal salt marshes and swamps. Occurs between 0-30 meters (0-100 feet). Blooms May-October.
San Fernando Valley spineflower *Chorizanthe parryi* var. *fernandina*	Federal: FC State: SE CRPR: 1B.1	Sandy coastal scrub and valley and foothill grasslands. Occurs 150-1,220 meters (490-4,000 feet). Blooms April - July
Parry's spineflower *Chorizanthe parryi* var. *parryi*	Federal: None State: None CRPR: 1B.1	Sandy or rocky substrates, in openings in chaparral, cismontane woodland, coastal scrub, and valley and foothill grassland habitats. Occurs between 275-1,220 meters (900-4,000 feet). Blooms April-June.
monkey-flower savory *Clinopodium mimuloides*	Federal: None State: None CRPR: 4.2	Prefers streambanks and mesic habitats in chaparral and North Coast coniferous forest. Occurs between 305-1,800 meters (1,000-5,900 feet). Blooms June-October.
small-flowered morning-glory *Convolvuluv simulans*	Federal: None State: None CRPR: 4.2	Prefers clay or serpentine seeps in open areas within chaparral, coastal scrub and valley and foothill grassland. Occurs between 30-700 meters (100-2,300 feet). Blooms March – July.
paniculate tarplant *Deinandra paniculata*	Federal: None State: None CRPR: 4.2	Usually vernally mesic, sometimes sandy, coastal scrub, valley and foothill grasslands, and vernal pools. Occurs between 25–940 meters (80–3,100 feet). Blooms April–November.

Common Name ***Scientific Name*[2]**	**Status[3]**	**General Habitat Description[4]**
western dichondra *Dichondra occidentalis*	Federal: None State: None CRPR: 4.2	Chaparral, cismontane woodlands, coastal scrub, and valley and foothill grasslands. Occurs between 50–500 meters (165–1,650 feet). Blooms January – July.
beach spectaclepod *Dithyrea maritima*	Federal: None State: ST CRPR: 1B.1	Coastal dunes and sandy coastal scrub. Occurs between 3–50 meters (10–165 feet). Blooms March-May.
slender-horned spineflower *Dodecahema leptoceras*	Federal: FE State: SE CRPR: 1B.1	Sandy chaparral, cismontane woodland, and alluvial fan coastal scrub. Occurs between 200-760 meters (890–2,510 feet). Blooms April–June.
many-stemmed dudleya *Dudleya multicaulis*	Federal: None State: None CRPR: 1B.2	Chaparral, coastal scrub, valley and foothill grassland. Often in clay soils. Occurs between 15-790 meters (50-2,520 feet). Blooms April-July.
San Diego button-celery *Eryngium aristulatum* var. *parishii*	Federal: FE State: SE CRPR: 1B.1	Mesic coastal scrub, valley and foothill grasslands, and vernal pools. Occurs between 20–620 meters (65–2,050 feet). Blooms April–June.
suffrutescent wallflower *Erysimum suffrutescens*	Federal: None State: None CRPR: 4.2	Coastal bluff scrub, maritime chaparral, coastal dunes and coastal scrub. Occurs between 0–150 meters (3–495 feet). Blooms January–July.
Los Angeles sunflower *Helianthus nuttallii ssp. parishii*	Federal: None State: None CRPR: 1A	Coastal salt and freshwater marshes and swamps. Occurs between 10-1,675 meters (30-5,490 feet). Blooms August-October.
vernal barley *Hordeum intercedens*	Federal: None State: None CRPR: 3.2	Coastal dunes, coastal scrub, valley and foothill grasslands in saline flats and depressions, and vernal pools. Occurs between 5-1,000 meters (15-3,280 feet). Blooms March – June.
mesa horkelia *Horkelia cuneata* ssp. *puperula*	Federal: None State: None CRPR: 1B.1	Prefers sandy or gravelly sites in chaparral, cismontane woodland, and coastal scrub. Occurs between 70-810 meters (230-2,660 feet). Blooms February-September.
southern California black walnut *Juglans californica*	Federal: None State: None CRPR: 4.2	Prefers alluvial sites in chaparral, cismontane woodlands, coastal scrub, and riparian woodland. Occurs between 50-900 meters (160-2,950 feet). Blooms March-August.
southwestern spiny rush *Juncus acutus* spp. leopoldii	Federal: None State: None CRPR: 4.2	Mesic coastal dunes, meadows and seeps (sometimes alkaline), coastal salt marshes and swamps. Occurs between 3–900 meters (10–2970 feet). Blooms March–June.
Coulter's goldfields *Lasthenia glabrata* spp. *coulteri*	Federal: None State: None CRPR: 1B.1	Coastal salt marshes, playas, and vernal pools. Occurs between 1-1,220 meters (3-4,000 feet). Blooms February-June.
fragrant pitcher sage *Lepechinia fragrans*	Federal: None State: None CRPR: 4.2	Chaparral habitats. Occurs between 20-1,310 meters (65-4,300 feet). Blooms March-October.
Robinson's pepper-grass *Lepidium virginicum* var. *robinsonii*	Federal: None State: None CRPR: 4.3	Prefers chaparral and coastal scrub habitats. Occurs between 1-885 meters (3-2,900 feet). Blooms January-July.
ocellated Humboldt lily *Lilium humboldtii* ssp. *ocellatum*	Federal: None State: None CRPR: 4.2	Prefers openings in chaparral, cismontane woodland, coastal scrub, lower montane coniferous forest, and riparian woodland. Occurs between 30-1,800 meters (100-5,900 feet). Blooms March-August.
San Gabriel linanthus *Linanthus concinnus*	Federal: None State: None CRPR: 1B.2	Rocky substrates in openings in chaparral, lower montane coniferous forest, and upper montane coniferous forest habitats. Occurs between 1,520-2,800 meters (4,985-9,200 feet). Blooms April-July)

Common Name *Scientific Name*[2]	Status[3]	General Habitat Description[4]
Davidson's bush-mallow *Malacothamnus davidsonii*	Federal: None State: None CRPR: 1B.2	Chaparral, cismontane woodland, coastal scrub, and riparian woodland. Occurs between 185-855 meters (610-2,800 feet). Blooms June-January.
mud nama *Nama stenocarpa*	Federal: None State: None CRPR: 2B.2	Marshes and swamps; lake margins and riverbanks. Occurs between 5-500 meters (15-1,640 feet). Blooms January-July.
Gambel's watercress *Rorippa gambellii*	Federal: FE State: ST CRPR: 1B.1	Prefers freshwater or brackish marshes and swamps. Occurs between 5-330 meters (15-1,080 feet). Blooms April-October.
spreading navarretia *Navarretia fossalis*	Federal: FT State: None CRPR: 1B.1	Chenopod scrub, marshes and swamps (assorted shallow freshwater), playas, and vernal pools. Occurs between 30-655 meters (100-2,180 feet). Blooms April-June.
prostrate vernal pool navarretia *Navarretia prostrata*	Federal: None State: None CRPR: 1B.1	Prefers mesic coastal scrub, meadows and seeps, alkaline valley and foothill grassland, and vernal pools. Occurs between 15-1,210 meters (50-3,970 feet). Blooms April-July.
California orcutt grass *Orcuttia californica*	Federal: FE State: SE CRPR: 1B.1	Found in vernal pools. Occurs between 15-660 meters (49-2165 feet). Blooms April-August.
Hubby's phacelia *Phacelia hubbyi*	Federal: None State: None CRPR: 4.2	Prefers gravelly, rocky, or talus sites in chaparral, coastal scrub, and valley and foothill grasslands. Occurs between 0-1,000 meters (0-3,280 feet). Blooms April-July.
south coast branching phacelia *Phacelia ramosissima* var. *austrolitoralis*	Federal: None State: None CRPR: 3.2	Sandy, sometimes rocky chaparral, coastal dunes, coastal scrub and coastal salt marshes and swamps. Occurs between 5–300 meters (16–990 feet). Blooms March–August.
Brand's star phacelia *Phacelia stellaris*	Federal: None State: None CRPR: 1B.1	Coastal dunes and coastal scrub. Occurs between 1–400 meters (3–1,320 feet). Blooms March-June.
Ballona cinquefoil *Potentilla multijuga*	Federal: None State: None CRPR: 1A	Brackish meadows and seeps. Occurs between 0–2 meters (0-7 feet). Blooms June–August.
white rabbit-tobacco *Pseudognaphalium leucocephalum*	Federal: None State: None CRPR: 2B.2	Prefers sandy or gravelly sites in riparian woodland, cismontane woodland, coastal scrub, and chaparral. Occurs between 0-2,100 meters (0-6,890 feet). Blooms July-December.
Nuttall's scrub oak *Quircus dumosa*	Federal: None State: None CRPR: 1B.1	Prefers sandy or clay loam sites in closed-cone coniferous forest, chaparral, and coastal scrub. Occurs between 15-400 meters (50-1,310 feet). Blooms February-August.
San Gabriel oak *Quercus durata* var. *gabrielensis*	Federal: None State: None CRPR: 4.2	Chaparral and cismontane woodland habitats. Occurs 450-1,000 meters (1,480-3,280 feet). Blooms April-May.
Englemann oak *Quercus engelmannii*	Federal: None State: None CRPR: 4.2	Chaparral, cismontane woodland, riparian woodland, and valley and foothill grassland habitats. Occurs between 50-1,300 meters (165-4,265 feet). Blooms March-June.
Parish's gooseberry *Ribes divaricatum* var. *parishi*i	Federal: None State: None CRPR: 1A	Occurs in riparian woodland habitat, between 65-300 meters (215-990 feet). Blooms February-April.
Coulter's matilija poppy *Romneya coulteri*	Federal: None State: None CRPR: 4.2	Often in burns in chaparral and coastal scrub habitats. Occurs 20-1,200 meters (65-3,940 feet) Blooms March-July(August).

Common Name ***Scientific Name*[2]**	**Status[3]**	**General Habitat Description[4]**
Parish's rupertia *Rupertia rigida*	Federal: None State: None CRPR: 4.3	Chaparral, cismontane woodland, lower montane coniferous forest, meadows and seeps, Pebble (Pavement) plain, and valley and foothill grassland habitats. Occurs between 700-2,500 meters (2,300-8,200 feet). Blooms June-August.
salt spring checkerbloom *Sidalcea neomexicana*	Federal: None State: None CRPR: 2B.2	Prefers alkaline or mesic sites in chaparral, coastal scrub, lower montane coniferous forest, Mojavean desert scrub, and playas. Occurs between 15-1,530 meters (50-5,020 feet). Blooms March-June.
western bristly scaleseed *Spermolepis lateriflora*	Federal: None State: None CRPR: 2A	Rocky or sandy. Sonoran desert scrub. Occurs between 365–670 meters (1,205–2,210 feet). Blooms March–April.
estuary seablite *Suaeda esteroa*	Federal: None State: None CRPR: 1B.2	Coastal salt marshes and swamps. Occurs between 0–5 meters (0–17 feet). Blooms May-January.
woolly seablite *Suaeda taxifolia*	Federal: None State: None CRPR: 4.2	Coastal bluff scrub, coastal dunes, marshes and swamps (margins of coastal salt). Occurs between 0–50 meters (0–165 feet). Blooms January-December.
San Bernardino aster *Symphyotrichum defoliatum*	Federal: None State: None CRPR: 1B.2	Prefers sites near ditches, streams and springs in coastal scrub, cismontane woodland, lower montane coniferous forest, valley and foothill grassland, and in meadows and seeps. Occurs between 2–2,040 meters (6-6,690 feet). Blooms July–November.
Greata's aster *Symphyotrichum greatae*	Federal: None State: None CRPR: 1B.3	Mesic sites in broad-leafed upland forest, chaparral, cismontane woodland, lower montane coniferous forest, and riparian woodland. Occurs between 300-2,010 meters (980-6,590 feet). Blooms June-October.
Sonoran maiden fern *Thelypteris puberula* var. *sonorensis*	Federal: None State: None CRPR: 2B.2	Meadows and seeps (seeps and streams). Occurs between 50–610 meters (165–2,015 feet). Blooms January–September.
California Walnut Woodland	CNDDB	
Riversidian Alluvial Fan Sage Scrub	CNDDB	
Southern Coast Live Oak Riparian Forest	CNDDB	
Southern Coastal Salt Marsh	CNDDB	
Southern Cottonwood Willow Riparian Forest	CNDDB	
Southern Dune Scrub	CNDDB	
Southern Sycamore Alder Riparian Woodland	CNDDB	
Walnut Forest	CNDDB	

[1] Special-status plant species and natural vegetation communities known from the CNDDB and CNPS to occur on the Hollywood and surrounding eight quadrangles, including Pasadena, Beverly Hills, South Gate, Burbank, Los Angeles, Venice, Van Nuys, and Inglewood; and from a search of IPaC for the project vicinity.

[2] Nomenclature for special-status plant species conforms to CNPS.

[3] Sensitivity Status Codes

Federal **FT** - Federally Threatened under the Federal Endangered Species Act
FE - Federally Endangered under the Federal Endangered Species Act

	FC – A Federal Candidate for listing under the Federal Endangered Species Act
State	**ST** - State Threatened under the California Endangered Species Act
	SE - State Endangered under the California Endangered Species Act
CRPR	California Rare Plant Rank (CRPR)
	1A: Plants presumed extinct in California
	1B: Plants rare, threatened, or endangered in California and elsewhere
	2: Plants rare, threatened, or endangered in California, but more common elsewhere
	3: Plants more information is needed for
	4: Plants of limited distribution – a watch list
	0.1: Seriously threatened in California
	0.2: Fairly endangered in California
	0.3: Not very endangered in California
	California Department of Fish and Wildlife (CDFW)
CNDDB	Tracked by CDFW in the CNDDB

[4] General Habitat Descriptions from CNPS.

TABLE B. SPECIAL-STATUS WILDLIFE SPECIES CONSIDERED[1]

Common Name *Scientific Name*[2]	Status[3]	General Habitat Description[4]
Invertebrates		
Crotch bumble bee *Bombus crotchii*	Federal: None State: None Other: CNDDB	Occurs at relatively warm and dry sites, including the inner Coast Range of California and the margins of the Mojave Desert.
Belkin's dune tabanid fly *Brennania belkini*	Federal: None State: None Other: CNDDB	Coastal sand dunes of southern California.
Busck's gallmouth *Carolella busckana*	Federal: None State: None Other: CNDDB	Coastal scrub dune. More specific habitat requirements are currently unknown.
sandy beach tiger beetle *Cicindela hirticollis gravida*	Federal: None State: None Other: CNDDB	Inhabits areas adjacent to non-brackish water along the coast of California from San Francisco bay to northern Mexico. Inhabits clean, dry, light-colored sand in the upper zone. Subterranean larvae prefer moist sand not affected by wave action.
senile tiger beetle *Cicindela senilis frosti*	Federal: None State: None Other: CNDDB	Saline coastal habitats including salt marshes, tidal flats, and beaches.
glubose dune beetle *Coelus globosus*	Federal: None State: None Other: CNDDB	Inhabits coastal sand dune habitats, from Bodega Head in Sonoma County, south to Ensenada, Mexico. Found in foredunes and sand hummocks, burrowing beneath the sand surface. Most common beneath dune vegetation.
monarch – California overwintering population *Danaus plexippus pop. 1*	Federal: None State: None Other: CNDDB	Winter roosts occur along California coast from Mendocino County, south to Baja California, Mexico. Roosts in wind-protected tree groves (eucalyptus, Monterey pine, cypress) with nectar and water sources nearby.
Henne's eucosman moth *Eucosma hennei*	Federal: None State: None Other: CNDDB	Endemic to the El Segundo dunes, Los Angeles County.
El Segundo blue butterfly *Euphilotes battoides allyni*	Federal: FE State: None	Obligate resident of coastal dunes. Requires presence of its host plant, seacliff buckwheat (*Eriogonum parvifolium*). Only three colonies remain in existence.
Lange's El Segundo Dune weevil *Onychobaris langei*	Federal: None State: None Other: CNDDB	El Segundo Dunes, Los Angeles County.
wandering (=saltmarsh) skipper *Panoquina errans*	Federal: None State: None Other: CNDDB	Found coastally, along ocean bluffs, and other open areas near the ocean.
Gertsch's socalchemmis spider *Socalchemmis gertschi*	Federal: None State: None Other: CNDDB	Inhabits sage scrub, chaparral, oak woodland, and coniferous forest, generally in rocky outcrops or talus slopes in non-arid climates. Known only from Brentwood and Topanga Canyon.
Riverside fairy shrimp *Streptocephalus woottoni*	Federal: FE State: None	Lives in vernal pools of at least 30 centimeters in depth, from January through March. Found in Riverside and San Diego counties. Also found in northern Baja California.
Dorothy's El Segundo Dune weevil *Trigonoscuta dorothea dorothea*	Federal: None State: None Other: CNDDB	Saline coastal habitats including salt marshes, tidal flats, and beaches.

Common Name *Scientific Name*[2]	Status[3]	General Habitat Description[4]
mimic tryonia (=California brackishwater snail) *Tryonia imitator*	Federal: None State: None Other: CNDDB	Prefers coarse brackish sediments at the mouths of creeks, streams and rivers of southern California.
Amphibians		
southern mountain yellow-legged frog *Rana muscosa*	Federal: FE State: SE Other: WL	Found in the southern Sierra Nevada mountains in lakes, ponds, and streams. Requires breeding habitat that does not dry out year round.
Coast Range newt *Taricha torosa*	Federal: None State: None Other: SSC	Found along the coast and coast range mountains from Mendocino county south to San Diego county. In southern California, found in drier chaparral, oak woodland, and grasslands.
Reptiles		
California legless lizard *Anniella* sp.	Federal: None State: None Other: SSC	Favors moist, warm, loose soil with some plant cover. Often found in sparsely vegetated areas of coastal dune, valley and foothill grassland, chaparral, and coastal scrub habitats.
southern California legless lizard *Anniella stebbinsi*	Federal: None State: None Other: SSC	Occurs in moist, warm, loose soil with plant cover in sparsely vegetated areas of beach dunes, chaparral, pine-oak woodlands, desert scrub, sandy washes, and stream terraces with sycamores, cottonwoods, or oaks. Leaf litter under trees and bushes in sunny areas and dunes stabilized with bush lupine and mock heather often indicate suitable habitat. Often under surface objects such as rocks, boards, driftwood, and logs.
California glossy snake *Arizona elegans occidentalis*	Federal: None State: None Other: SSC	Most common is desert habitats but also occur in chaparral, sagebrush, valley-foothill hardwood, pine-juniper, and annual grass.
coastal whiptail *Aspidoscelis tigris stejnegeri*	Federal: None State: None Other: SSC	Found in deserts and semiarid areas with sparse vegetation and open areas. Also in woodland and riparian areas. Substrate may be firm soils, sandy, or rocky.
western pond turtle *Emys marmorata*	Federal: None State: None Other: SSC	Inhabits permanent or nearly permanent bodies of water in many habitat types, below 6,000 feet (1,830 meters). This species requires basking sites such as partially submerged logs, vegetation mats, or open mud banks. Also needs suitable nesting sites.
coast horned lizard *Phrynosoma blainvillii*	Federal: None State: None Other: SSC	Inhabits coastal sage scrub and chaparral in arid and semiarid climates. Prefers friable, rocky, or shallow sandy soils.
Birds		
tricolored blackbird *Agelaius tricolor*	Federal: None State: SC Other: SSC	Inhabits annual grasslands, wet and dry vernal pools, seasonal wetlands. Frequently found in and around agricultural areas.
southern California rufous-crowned sparrow *Aimophila ruficeps canescens*	Federal: None State: None Other: WL	Resident in southern California coastal sage scrub and sparse mixed chaparral. Frequents relatively steep, often rocky hillsides with grass and forb patches.
burrowing owl *Athene cunicularia*	Federal: None State: None Other: SSC	Inhabits open, dry annual or perennial grasslands, deserts, and scrublands characterized by low-growing vegetation. Subterranean nester, dependent upon burrowing mammals, most notably, California ground squirrel.

Common Name ***Scientific Name*[2]**	**Status[3]**	**General Habitat Description[4]**
Swainson's hawk *Buteo swainsoni*	Federal: None State: ST	Breeds in grasslands with scattered trees, juniper-sage flats, riparian areas, savannahs, & agricultural or ranch lands with groves or lines of trees.
western yellow-billed cuckoo *Coccyzus americanus occidentalis*	Federal: FT State: SE	Breeds in low to moderate elevation native forests lining the rivers and streams of western United States. Prefers cottonwood-willow forests. Migrate to wintering grounds in South America.
yellow rail *Coturnicops noveboracensis*	Federal: None State: None Other: SSC	Requires sedge marshes or meadows with most soil or shallow standing water for breeding. Inhabit wet meadows and coastal tidal marshes.
western snowy plover *Charadrius alexandrines nivosus*	Federal: FT State: None Other: SSC	Breeds in low to moderate elevation native forests lining the rivers and streams of western United States. Prefers cottonwood-willow forests. Migrate to wintering grounds in South America.
southwestern willow flycatcher *Empidonax traillii extimus*	Federal: FE State: SE	Riparian woodlands in southern California. Nests in extensive thickets of low, dense willows on edge of wet meadows, ponds, or backwaters, between 2,000 and 8,000 feet (610-2,440 meters). Dense willow thickets are required for nesting and roosting. Low, exposed branches are used for singing posts/hunting perches.
American peregrine falcon *Falco peregrinus anatum*	Federal: Delisted State: Delisted Other: FP	Frequents bodies of water in open areas with cliffs and canyons nearby for cover and nesting.
California black rail *Laterallus jamaicensis coturniculus*	Federal: None State: ST Other: FP	Found in coastal salt marshes, freshwater marshes, swamps, estuaries, and wet meadows.
Belding's savannah sparrow *Passerculus sandwichensis beldingi*	Federal: None State: SE	Found most often in salt marshes, also known to frequent open fields, meadows, prairies, dunes and shores. Active nesting sites are known along the coast north of Santa Barbara, in the Sierra Nevada, and in other mountains of northern California. In winter, found inland throughout the Central Valley, and occasionally on the Channel Islands. Migrants occur along the coast, and in the western Sierra Nevada in spring and fall. Breeds mostly in woodland, forest, and coastal habitats. Riparian areas and coastal and inland wetlands are important habitats yearlong, especially in nonbreeding seasons.
California brown pelican *Pelecanus occidentalis californicus*	Federal: Delisted State: Delisted Other: FP	Inhabits salt bays, beaches and oceans. Mostly over shallower waters, especially sheltered bays. May occasionally be found on inland freshwater lakes.
coastal California gnatcatcher *Polioptila californica californica*	Federal: FT State: None Other: SSC	Obligate, permanent resident of coastal sage scrub below 2.500 feet (760 meters) in southern California. Inhabits low, coastal sage scrub in arid washes, on mesas and slopes.
bank swallow *Riparia riparia*	Federal: None State: ST	Colonial nester; nests primarily in riparian and other lowland habitats west of the desert. Requires vertical banks/cliffs with fine-textured/sandy soils near streams, rivers, lakes, and ocean to dig nesting hole.

Common Name *Scientific Name*[2]	Status[3]	General Habitat Description[4]
California least tern *Sternula antillarum browni*	Federal: FE State: SE Other: FP	Found along coastal beaches, bays, large rivers, and salt flats. Known to feed in shallow coastal waters and occasionally inland.
least Bell's vireo *Vireo bellii pusillus*	Federal: FE State: SE	Summer resident of southern California in low riparian habitat in vicinity of water or in dry river bottoms, below 2,000 feet (610 meters).
Mammals		
pallid bat *Antrozous palidus*	Federal: None State: None Other: SSC, WBWG-H	Deserts, grasslands, shrublands, woodlands and forests. Most common in open, dry habitats with rock areas for roosting. Roosts must protect bats from high temperatures; very sensitive to disturbance of roosting sites.
western mastiff bat *Eumops perotis californicus*	Federal: None State: None Other: SSC, WBWG-H	Known from open semiarid to arid habitats, including conifer and deciduous woodlands, coastal scrub, grassland, and chaparral. Roosts in crevices in cliff faces, high buildings, trees, and tunnels. Roost locations are generally high above the ground providing a 3-meter minimum clearance below the entrance for flight. Requires large open-water drinking sites.
silver-haired bat *Lasionycteris noctivagans*	Federal: None State: None Other: CNDDB, WBWG-M	Common, but erratic in abundance. During spring and fall migrations the silver-haired bat may be found anywhere in California. Primarily a coastal and montane forest dweller feeding over streams, ponds, and open brushy areas. Roosts in hollow trees, beneath exfoliating bark, abandoned woodpecker holes and rarely under rocks. Needs drinking water.
hoary bat *Lasiurus cinereus*	Federal: None State: None Other: CNDDB, WBWG-M	May be found at any location in California. Winters along the coast and in southern California, breeding inland and north of the winter range. During migration, may be found at locations far from the normal range. Prefers open habitats or habitat mosaics, with access to trees for cover and open areas or habitat edges for feeding. Roosts in dense foliage of medium to large trees, feeds primarily on moths; requires water.
western yellow bat *Lasiurus xanthinus*	Federal: None State: None Other: SSC, WBWG-H	Found in valley foothill riparian, desert riparian, desert wash, and palm oasis habitats. Roosts in dead palm fronds and other trees, sometimes in urban areas.
south coast marsh vole *Microtus californicus stephensi*	Federal: None State: None Other: SSC	Tidal marshes in Los Angeles, Orange and southern Ventura Counties.
San Diego desert woodrat *Neotoma lepida intermedia*	Federal: None State: None Other: SSC	Coastal scrub of southern California from San Diego County to San Luis Obispo County. Moderate to dense canopies preferred. They are particularly abundant in rock outcrops and rocky cliffs and slopes.
pocketed free-tailed bat *Nyctinomops femorosaccus*	Federal: None State: None Other: SSC, WBWG-M	Desert scrub and arid lowlands, not far from riparian areas. Roosts in small groups in rock crevices, caves and buildings.

Common Name ***Scientific Name*[2]**	**Status[3]**	**General Habitat Description[4]**
big free-tailed bat *Nyctinomops macrotis*	Federal: None State: None Other: SSC, WBWG-MH	Low-lying arid hilly areas in Southern California to about 6,000 feet. Roosts in crevices and cliffs, buildings, and cavities in trees.
southern grasshopper mouse *Onychomys torridus ramona*	Federal: None State: None Other: SSC	Desert areas, especially scrub habitats with friable soils for digging. Prefers low to moderate shrub cover.
Los Angeles pocket mouse *Perognathus longimembris brevinasus*	Federal: None State: None Other: SSC	Lower elevation grasslands and coastal sage communities in and around the Los Angeles Basin; open ground with fine sandy soils; may not dig extensive burrows, instead may be found hiding under weeds and dead leaves.
Pacific pocket mouse *Perognathus longimembris pacificus*	Federal: FE State: None Other: SSC	Inhabits areas with fine-grained sandy substrates in coastal dunes, river alluvium and sage scrub, within 2.4 miles of the ocean.
Southern California saltmarsh shrew *Sorex ornatus salicornicus*	Federal: None State: None Other: SSC	Inhabits salt marshes dominated by pickleweed and salt grass. Also found near stands of dense willows.
American badger *Taxidae taxus*	Federal: None State: None Other: SSC	Uncommon, permanent resident found throughout most of the state, except in the northern North Coast area. Most abundant in drier open stages of most shrub, forest, and herbaceous habitats, with friable soils.

[1] Special-status species known from the CNDDB to occur on the Hollywood and surrounding eight quadrangles, including Pasadena, Beverly Hills, South Gate, Burbank, Los Angeles, Venice, Van Nuys, and Inglewood; and from a search of IPaC for the project vicinity.

[2] Nomenclature for special-status wildlife conforms to CNDDB.

[3] Sensitivity Status Codes

Federal
FT - Federally Threatened under Federal Endangered Species Act (FESA)
FE - Federally Endangered under FESA

State
ST - State Threatened under California Endangered Species Act (CESA)
SE - State Endangered under CESA
SC – State Candidate for listing under CESA

Other
SSC – Designated as a Species of Special Concern by CDFW
WL – Designated as a Watch List species by CDFW
CNDDB - Tracked by CDFW in the California Natural Diversity Data Base or considered locally sensitive
WBWG-H - Designated by the Western Bat Working Group as High Priority - species that are imperiled or are at high risk of imperilment
WBWG-M - Designated by the WBWG as Medium Priority – a level of concern that should warrant closer evaluation, more research, and conservation actions of both species and possible threats.

[4] General Habitat Descriptions from CNDDB.

ATTACHMENT D. CULTURAL RESOURCES INFORMATION

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AECOM
300 S Grand Avenue,
Los Angeles, CA 90071
www.aecom.com

213.593.8100 tel
213.593.8053 fax

Memorandum

To	Ms. Heloise Froelich Environmental Management Group Bureau of Engineering, Department of Public Works	Pages 20
Subject	Bridge Housing Project (Council District 10): Cultural, Paleontological, and Tribal Cultural Resources Technical Memorandum	
From	Marc A. Beherec, Ph.D., RPA; Monica (Mello) Wilson, MA, AECOM	
Date	November 1, 2018	

Introduction

This technical memorandum describes the potential cultural, paleontological, and tribal cultural resources impacts associated with the Bridge Housing Project (proposed project) to be located at 625 South La Fayette Park Place in the Wilshire Community Plan Area of the City of Los Angeles (Council District 10), Los Angeles County, California (subject property; Attachment 1). The proposed project consists of a temporary change in property use from a City-owned park to a City-owned temporary emergency homeless shelter for no more than 3 years. The subject property is part of a City of Los Angeles Recreation and Parks Department park, known as La Fayette Park, which is addressed at 625 South La Fayette Park Place. The subject property portion of La Fayette Park is separated from the main larger park site by Wilshire Boulevard. The subject property portion of the park consists of Los Angeles County Assessor Parcel Number (APN) 5077-006-901, which comprises approximately 0.682 acre. No street address is associated with the subject property parcel. The subject property is currently developed with two tennis courts surrounded by landscaping and trees. The proposed project will require the removal of three mature trees, but will be replaced on-site per the current requirements (3 to 1 replacement ratio) of the Recreation and Parks Department. The proposed project would include a new 7,200-square-foot tent structure with 70 beds, a 480-square-foot hygiene trailer, a freestanding shade structure, a 960-square-foot administration trailer, a 1,300-square-foot exterior dining area, a 130-square-foot food preparation and serving area, 385 square-feet of bin storage, 475 linear-feet of street and onsite fencing, a 500-square-foot outdoor pet area, bike racks, a smoking area, and general open space that would serve the local homeless community. As discussed in this memorandum, the proposed project will have no significant adverse effect related to paleontological resources, cultural resources, or tribal cultural resources.

The project design shall comply with a construction management plan that includes project design conditions, as necessary, to protect the health and safety of the community and protect the environment surrounding the project site. The construction management plan and appropriate design conditions have been selected from the *City of Los Angeles, Bureau of Engineering, Master Specifications, Division 01, General Requirements, Section 01562, Part 1.1.C.* In addition, unless otherwise stated, the proposed project will be designed, constructed and operated following all applicable laws, regulations, ordinances and formally adopted City standards including but not limited to:

- Los Angeles Municipal Code

- Bureau of Engineering Standard Plans
- Standard Specifications for Public Works Construction
- Work Area Traffic Control Handbook
- Additions and Amendments to the Standard Specifications for Public Works Construction

Regulatory control measures (RCMs) will be applied to the proposed project as required by the following laws, rules and regulations, as follow:

Federal Regulations

- National Register of Historic Places (NRHP)

State Regulations and Standards

- California Environmental Quality Act (CEQA)
- California Register of Historical Resources (CRHR)

Geological Setting

The project area is mapped as having surficial deposits of older Quaternary alluvium. These unconsolidated to weakly consolidated deposits date to the late Pleistocene and consist of alluvial clay, sand, and gravel, including alluvial fan sediments (Dibblee and Ehrenspeck 1991).

Cultural Setting

As a framework for discussing the types of cultural resources that might be encountered in the vicinity of the proposed project, the following section summarizes our current understanding of major prehistoric and historic developments in and around Los Angeles.

Prehistoric Overview

The earliest occupation of Southern California may be associated with the peoples who first colonized North America in the terminal Pleistocene and earliest Holocene (Arnold et al. 2004). These cultures are characterized by fluted points. Among Southern California's fluted points is a fluted obsidian point found in a stratified deposit beside an ancient lake bed in the mountains of eastern San Diego County (Kline and Kline 2007). Other fluted points have been reported at other locations in Santa Barbara and San Diego Counties (Rondeau 2008). Closest to the project area, the Farpoint Site (CA-LAN-451) in Malibu, Los Angeles County, has yielded a fluted point, and its excavator argues the site should be associated with the Clovis culture (Stickel 2008). Clovis is the earliest universally recognized material culture in North America and dates to approximately 11,500 radiocarbon years before present (B.P.).

However, scholarly consensus holds that the earliest unambiguous evidence of human occupation in the Los Angeles area dates to at least 9000 B.P. and is associated with a period known as the Millingstone Cultural Horizon (Wallace 1955; Warren 1968). Millingstone populations established permanent settlements that were located primarily on the coast and in the vicinity of estuaries, lagoons, lakes, streams, and marshes where a variety of resources, including seeds, fish, shellfish, small mammals, and birds, were exploited. Early Millingstone occupations are typically identified by the presence of handstones (manos) and millingstones (metates), while those Millingstone occupations dating later than 5000 B.P. contain a mortar and pestle complex as well, signifying the exploitation of acorns in the region.

Although many aspects of Millingstone culture persisted, by 3500 B.P., a number of socioeconomic changes occurred (Erlandson 1994; Wallace 1955; Warren 1968). These changes are associated with the period known as the Intermediate Horizon (Wallace 1955). Increasing population size necessitated the intensification of existing terrestrial and marine resources (Erlandson 1994). This was accomplished in part through use of new technological innovations such as the circular shell fishhook on the coast, and in inland areas through use of the mortar and pestle to process an important new vegetal food staple (acorns), and the dart and atlatal resulting in a more diverse hunting capability. Evidence for shifts in settlement patterns has been noted as well at a variety

of locations at this time and is seen by many researchers as reflecting increasingly territorial and sedentary populations. The Intermediate Horizon marks a period in which specialization in labor emerged, trading networks became an increasingly important means by which both utilitarian and nonutilitarian materials were acquired, and travel routes were extended.

The Late Prehistoric period, spanning from approximately 1500 years B.P. to the Spanish mission era, is the period associated with the florescence of contemporary Native American groups. The group occupying the southern Channel Islands and adjacent mainland areas of Los Angeles and Orange Counties came to be known as the Gabrielino, after Mission San Gabriel. They are reported to have been second only to their Chumash neighbors in terms of population size, regional influence, and degree of sedentism (Bean and Smith 1978). The boundary between these two groups is commonly believed to be in the area by Topanga Canyon, with the Chumash living along the beaches of Malibu up to the area of Paso Robles and the Gabrielino residing along the coastal stretches to the south. The Gabrielino are estimated to have numbered around 5,000 in the pre-contact period (Kroeber 1925). Maps produced by early explorers indicate the existence of at least 40 Gabrielino villages, but as many as 100 may have existed prior to contact with Europeans (Bean and Smith 1978; McCawley 1996; Reid 1939 [1852]). Groups in the San Fernando Valley were typically referred to by the Spanish as the *Fernadeño*, whose name was derived from nearby Mission San Fernando. The *Fernadeño* spoke a dialect of the Gabrielino tongue and were otherwise culturally identical to the Gabrielino (Bean and Smith 1978; Shipley 1978).

Prehistoric subsistence consisted of hunting, fishing, and gathering. Small terrestrial game was hunted with deadfalls and rabbit drives, and by burning undergrowth, while larger game such as deer were hunted using bows and arrows. Fish were taken by hook and line, nets, traps, spears, and poison (Bean and Smith 1978; Reid 1939 [1852]). The primary plant resources were acorns gathered in the fall and processed with mortars and pestles, and various seeds that were harvested in late spring and summer and ground with manos and metates. The seeds included chia and other sages, various grasses, and islay or holly-leafed cherry (Reid 1939 [1852]).

Historic Overview

Spanish explorers made brief visits to Gabrielino territory in 1542 and 1602, and on both occasions the two groups exchanged trade items (McCawley 1996). Sustained contact with Europeans did not commence until the onset of the Spanish Period, which began in 1769, when Gaspar de Portola and a small Spanish contingent began their exploratory journey along the California coast from San Diego to Monterey.

Gabrielino villages are reported by early explorers to have been most abundant near the Los Angeles River, in the area north of downtown known as the Glendale Narrows, and those areas along the river's various outlets into the sea. Among those villages north of downtown were *Maawnga* near Griffith Park; *Totongna* and *Kawengna* in the San Fernando Valley; and *Hahamongna*, northeast of Glendale. At the time of Portola's visit, the village of *Yangna* stood in the vicinity of today's downtown and is reported to have supported a population of at least 200 (Gumprecht 1999). It was later reported to have contained anywhere from 500 to 1,500 huts, implying an even greater population (Reid 1939 [1852]). The community of *Yangna* was located somewhere in the vicinity of the Los Angeles Civic Center, and, as McCawley notes, "is popularly regarded as the Indian precursor of modern Los Angeles" (McCawley 1996:57).

By the early 1800s, the majority of the surviving Gabrielino population had entered the mission system, either at Mission San Gabriel, founded in 1771, or at Mission San Fernando Ray de Espana, established in 1797. Other Native Americans worked at *El Pueblo de la Reyna de Los Angeles,* a secular community founded by colonists in 1781. Over time, the missions became self-sufficient through farming and selling cattle hides, tallow, and various fruit crops to the nearby Pueblo (Paddison 1999; Wright 1992). Mission life was utilized by the Spanish in a time when Native American traditional trade and political alliances were failing and epidemics and subsistence instabilities were increasing. This lifestyle change brought significant negative consequences for Gabrielino health and cultural integrity (Jackson 1999).

The growth of the *El Pueblo de la Reyna de Los Angeles* became established after the Mexican empire gained independence and formed what would become the state of Alta California in 1821. The authority of the California missions gradually declined, culminating with their secularization in 1834. Although the Mexican government

directed that each mission's lands, livestock, and equipment be divided among its converts, the majority of these holdings quickly fell into non-Indigenous hands. Mission buildings were abandoned and quickly fell into decay. If mission life was difficult for Native Americans, secularization was typically worse. After two generations of dependence on the missions, they were suddenly disenfranchised. After secularization, "nearly all of the Gabrielinos went north while those of San Diego, San Luis, and San Juan overran this county, filling the Angeles and surrounding ranchos with more servants than were required" (Reid 1977 [1851]:104).

The first party of U.S. immigrants arrived in Los Angeles in 1841, although surreptitious commerce had previously been conducted between Mexican California and residents of the United States and its territories. As the possibility of a takeover of California by the United States loomed large, the Mexican government increased the number of land grants in an effort to keep the land in the hands of upper-class *Californios* like the Domínguez, Lugo, and Sepúlveda families (Wilkman and Wilkman 2006:14–17). Governor Pío Pico and his predecessors made more than 600 rancho grants between 1833 and 1846, putting most of the state's lands into private ownership for the first time (Gumprecht 1999).

The United States took control of California after the Mexican–American War of 1846, and seized Monterey, San Francisco, San Diego, and Los Angeles (then the state capital) with little resistance. Local unrest soon bubbled to the surface, however, and Los Angeles slipped from U.S. control in 1847. Hostilities officially ended with the signing of the Treaty of Guadalupe Hidalgo in 1848, in which the United States agreed to pay Mexico $15 million for the conquered territory, which included California, Nevada, and Utah, and parts of Colorado, Arizona, New Mexico, and Wyoming. The conquered territory represented nearly half of Mexico's pre-1846 holdings. California joined the United States in 1850 as the 31st state (Wilkman and Wilkman 2006:15).

The discovery of gold in northern California led to an enormous influx of American citizens in the 1850s and 1860s, and these settlers rapidly displaced the old rancho families. In 1873, the U.S. government confirmed legal title to old Rancho ex-Mission San Fernando at 116,858.43 acres, the largest private land parcel in California. The Southern Pacific Railroad extended its line from San Francisco to Los Angeles in 1876, passing through the San Fernando Valley thanks to a new tunnel through Newhall Pass. Newcomers continued to pour into Los Angeles and the population nearly doubled between 1870 and 1880. The completion of the second transcontinental line, the Santa Fe, took place in 1886 causing a fare war, which drove fares to an unprecedented low. More settlers continued to head west and the demand for real estate skyrocketed. The city's population rose from 11,000 in 1880 to 50,000 by 1890 (Meyer 1981:45).

In the mid-nineteenth century, the San Fernando Valley was filled with growing and dwindling cattle ranches due to unpredictable weather. This started to subside into the late nineteenth century but was not negated until pumping units and aqueducts were later utilized (Jorgensen 1988). During this time, a new route, known as the Santa Susana Pass was opened up to the east to bypass the older Devil's Slide, linking San Fernando, Simi Valley, and the greater Los Angeles Basin together and becoming not only a well-traveled wagon route but the first automobile route to link the valleys. This opened the flood gates of an urban population boom within the San Fernando Valley in conjunction with what was already occurring within the greater Los Angeles Basin to the east (Bevill 2007). The creation of these passes was followed by a push of the San Fernando Valley to bring water from the Owens Valley to the north. Construction began in 1908, linking the Los Angeles Aqueduct into the San Fernando Valley. This was to avoid depleting underground resources that were starting to plague the area due to this population explosion. Liquid fuel-powered well water pumps located throughout the area fell out of favor as water from the Los Angeles Aqueduct started to flow (Jorgensen 1988:121).

The beginning of the twentieth century saw the florescence of a uniquely suburban metropolis, where a vast network of residential communities overshadowed city centers, where the single-family home was valued over the high-rise, and where private space took precedence over public space (Hawthorne 2006). This landscape demanded an innovative transportation solution, and Los Angeles embraced automobiles and freeways like no other city had. The first homemade car puttered down city streets in 1897. Seven years later, the first grand theft auto was reported by Los Angeles Police (Wilkman and Wilkman 2006:50). Inexpensive automobiles gained popularity in the 1920s, soon creating tremendous congestion in the centers of cities and necessitating alternate transportation routes. Dozens of freeways were constructed in the post-World War II years, radically altering the character of Los Angeles by simultaneously dividing local neighborhoods and connecting outlying communities.

Property History – Lafayette Park

Sunset (now Lafayette) Park was established in 1899 on what was then undesirable land donated by Clara Shatto, whose husband George owned Catalina Island. In 1918, French heritage groups convinced the City to rename the park for the Marquis de Lafayette (Cabrera 1994), and the change took place in 1919 (LAT 1919). Hector Alliot, President of the Lafayette Society of California and Orra E. Monette, President of the Sons of the Revolution put forward the name change proposal to the City Council (LAT 1918). The name change was not only intended as homage to Marquis de Lafayette, but also tribute to the American Lafayettes lost during the World War I Battle of Saint Mihiel and of the Meuse-Argonne offensive. The name change was symbolic of the bonds that have linked France and America during times of peace and war.

At the same time, in the first half of the twentieth century, the Wilshire District became a hub for elite Los Angeles. The park was surrounded by important ecclesiastical, commercial, and residential buildings such as Bullock's Department Store, The Town House, Granada Shoppes and Suites, the First Congregational Church, and the Catholic Church of the Precious Blood, and the park was patronized by the Angelenos who lived in and frequented the buildings around the park. In 1929, the Phillipe de Neve Branch of the Los Angeles Public Library was established in the north-central portion of the park.

In 1934, the "Power of Water" Fountain was installed in Lafayette Park (Figure 1). The fountain was designed by Henry Lion, assisted by Jason Emerson Herron on casting and Sherry Peticolas for the engineering, and was among one of the last projects completed under federally assisted Public Works of Art Project (PWAP) (LAT 1934). The PWAP was a New Deal program that ran from 1933 through 1934, and employed artists to embellish public buildings and spaces with "American Scene" imagery (Smithsonian American Art Museum 2015). With this minimal guidance, they turned to local and regional subjects and created a picture of the country striving to survive through hard work and true grit (Smithsonian American Art Museum 2015). The PWAP program only generated a few thousand works of art and was later succeeded by the Federal Art Project (FAP) of the Works Progress Administration (WPA), which ran from 1935 through 1943. The FAP employed more than 5,000 artists who created 225,000 works of art (Smithsonian American Art Museum 2015).



Figure 1. PWAP "Power of Water Fountain," 1937 (Los Angeles Public Library 2018)

The “Power of Water” Fountain was one of only 2000 works of art produced in Southern California under the PWAP and is considered one of the larger-scale monuments constructed (LAT 1934). The fountain features a cast central figure of a woman who symbolizes the power of water, the flowing lines of her hair and garments evoking flowing currents; 12 nude figures in relief on the face of the lower basin represent the timeless struggle to obtain the precious resource (Holliday 2016). The fountain was later infilled with soil during the 1990s (Publicartinla.com 2010).

Over the course of the middle and late twentieth century, as the area’s residents moved away from the city core, much of the surrounding neighborhood became derelict. As the neighborhood declined, so did the park. By the 1990s, when the City began active revitalization of Lafayette Park, it was known for its homeless population, its gangs, and its drug deals (Cabrera 1994). The Phillipe de Neve Branch of the Los Angeles Public Library was closed in 1990 for a seismic retrofit project and was reopened in 1994.

Archival Research

Archival research of the project site was conducted by AECOM archaeologist Marc A. Beherec, Ph.D., RPA, at the South Central Coastal Information Center (SCCIC) housed at California State University, Fullerton on September 26, 2018. The research focused on the identification of previously recorded cultural resources within a 0.25-mile radius of the proposed project footprint. The archival research included review of previously recorded archaeological site records and reports, historic site and property inventories, and historic maps. Inventories of the National Register of Historic Places (NRHP), the California Register of Historical Resources (CRHR), the California State Historic Resources Inventory (HRI), California Historical Landmarks and Points of Interest, and the list of City of Los Angeles Historic-Cultural Monuments (LAHCMs) were also reviewed to identify cultural resources within a 0.25 mile radius of the project area.

Research at the SCCIC was supplemented with additional research in other archives, appropriate online repositories, and AECOM’s holdings. Archival research included a Sacred Lands File (SLF) search and Native American contact program. Finally, geologic maps and the results of past paleontological work in the vicinity were consulted to establish the area’s paleontological sensitivity.

Previous Cultural Resources Investigations Reports

Nine previous cultural resources investigations have been conducted within 0.25 mile of the project area (Table 1). These include four cultural resources surveys and determination requests prepared for cell phone tower sites, three cultural resources surveys associated with rail corridor projects, and two cultural resources surveys of parcels to be developed as apartment complexes. None of these studies overlap the planned project area.

Table 1. Previous Investigations Conducted within 0.5 Mile of the Project Area

Author	Report #	Description	Date
Anonymous	LA-01578	Technical Report Archaeological Resources, Los Angeles Rapid Rail Transit Project Draft Environmental Impact Statement and Environmental Impact Report	1983
Anonymous	LA-03496	Draft Environmental Impact Report Transit Corridor Specific Plan Park Mile Specific Plan Amendments	n.d.
Duke, Curt	LA-04312	Cultural Resource Assessment for the Los Angeles Cellular Telephone Company, Facility Number 171.1, Located at 690 Wilshire Place, City and County of Los Angeles, California	2007
Wood, Catharine M.	LA-08124	Archaeological Survey Report for the Seven Maples Senior Apartments Project Located at 2530-2618-2632 West 7th Street and 702-704 South Rampart Boulevard, Los Angeles, California	2007
Gust, Sherri, and Heather Puckett	LA-08251	Los Angeles Metro Red Line Project, Segments 2 and 3 Archaeological Resources Impact Mitigation Program Final Report of Findings	2004

Author	Report #	Description	Date
Wood, Catharine M.	LA-08950	Archaeological Survey Report for the 7th & Coronado Family Apartments Project Located at 2614 & 2614 1/2 West 7th Street and 717-723 South Coronado Street, Los Angeles, California	2007
Beckley, Luvina	LA-11121	Request for Determination RE: 36 CFR Part 800, Section 106 of the National Historic Preservation Act, Site Address: 621 South Virgil Avenue, Los Angeles, CA 90005	2004
Bonner, Wayne	LA-11942	Cultural Resources Records Search and Visit Results for T-Mobile West, LLC Candidate SV00239A (LA239 Equality Building), 621 South Virgil Avenue, Los Angeles, Los Angeles County, California	2012
Bonner, Dianne, Carrie Wills, and Kathleen Crawford	LA-12718	Cultural Resources Records Search and Site Visit Results for AT&T Mobility, LLC Candidate LAC171 (Wilshire/8th), 690 Wilshire Place, Los Angeles, Los Angeles County, California, CASPR No. 3551014984	2014

Previously Recorded Cultural Resources

The SCCIC records search identified 11 previously recorded cultural resources mapped within 0.25 mile of the project area (Table 2). All of the resources are historic buildings. They include four hotel/apartment buildings, three commercial buildings, one library, one church, and the mixed-use Granada Shoppes and Studios. No prehistoric sites or resources of Native American origin are documented within 0.25 mile of the project area. None of the resources are located within the project area itself.

Table 2. Previously Recorded Cultural Resource Sites within 0.5 Mile of the Project Area

Primary Number (P-19-)	Historic Name/Description	Time Period	Eligibility Evaluation
166819	Granada Shoppes and Studios	1927	Listed in CRHR and NRHP
166849	Bryson Apartment Hotel	1912-1913	Listed in CRHR and NRHP
166850	Bullock's Wilshire Building	1928	Listed in CRHR and NRHP
167299	Felipe de Neve Branch, Los Angeles Public Library	1929	Listed in CRHR and NRHP
169917	Park Plaza Hotel	1924	Recommended eligible for CRHR and NRHP
170022	A-American Self-Storage Building	1925	Recommended eligible for NRHP and CRHR
173542	First Congregational Church of Los Angeles	1930-1932	Recommended eligible for NRHP and CRHR
174876	The Town House	1929	Listed in CRHR and NRHP
187018	Wilshire Royale	1927	Determined eligible for NRHP by consensus through the Section 106 process; listed in CRHR.
190072	Equality Building	Ca. 1953	Recommended not eligible for NRHP; not evaluated for CRHR

Primary Number (P-19-)	Historic Name/Description	Time Period	Eligibility Evaluation
190981	Commercial/Office Building, 690 Wilshire Place	1956	Recommended not eligible for NRHP; not evaluated for CRHR

California State Historic Resources Inventory

Study of the California Office of Historic Preservation (OHP)'s HRI focused on properties within 0.25 mile of the project area, which faced streets bordering the project area. The streets investigated include South La Fayette Park Place, South Hoover Street, and Wilshire Boulevard. The HRI lists 12 historic resources within 0.25 mile of the project site on these three streets (Table 3). The properties, which include commercial buildings, apartments, hotels, and ancillary structures, date from 1912 through 1948.

Table 3. Properties on the OHP HRI Bordering Streets Facing the Project Area within 0.5 Mile of the Project Area

Primary Number (P-19-)	Historic Address	Time Period	Eligibility Evaluation
166819	672 S. Lafayette Park Place; Granada Shoppes and Studios	1927	Listed in the NRHP by the Keeper; listed in the CRHR
–	2619 Wilshire Boulevard; Wilshire Royale Hotel	1927	Determined eligible for NRHP by consensus through the Section 106 process; listed in CRHR
166849	2701 Wilshire Boulevard; Bryson Apartment Hotel	1912	Determined eligible for NRHP through tax certification; listed in CRHR
174876	2959 Wilshire Boulevard; Town House Apartment Hotel	1929	Not yet evaluated by OHP; contributor to a district determined eligible for NRHP by Keeper; listed in CRHR
176437	2959 Wilshire Boulevard; North Parking Garage	1928	Contributor to a district determined eligible for NRHP by Keeper; listed in CRHR
176436	2959 Wilshire Boulevard; Annex Building and South Garage	1929	Determined ineligible for NRHP by State Historical Resources Commission or Keeper; not evaluated for CRHR
176438	2959 Wilshire Boulevard; Lanai Building	1948	Determined ineligible for NRHP by State Historical Resources Commission or Keeper; not evaluated for CRHR
176439	2959 Wilshire Boulevard; Lanai Buildings	1948	Determined ineligible for

Primary Number (P-19-)	Historic Address	Time Period	Eligibility Evaluation
			NRHP by State Historical Resources Commission or Keeper; not evaluated for CRHR
176440	2959 Wilshire Boulevard; Swimming Pool	1942	Determined ineligible for NRHP by State Historical Resources Commission or Keeper; not evaluated for CRHR
176435	2959 Wilshire Boulevard; The Town House	1928	Determined eligible for NRHP by Keeper; listed in CRHR
–	2965 Wilshire Boulevard; Town House Annex	-	Received for evaluation by OHP but not yet evaluated
166850	3050 Wilshire Boulevard; Bullocks Wilshire Building	1929	Listed in NRHP by the Keeper; listed in CRHR

California Historical Landmarks

California Historical Landmarks are buildings, structures, sites, or places that have been determined to have statewide historical interest. A search of the California Historical Landmarks list revealed no California Historic Landmarks within 0.5 mile of the project area.

Los Angeles Historic-Cultural Monuments

LAHCMs are sites in Los Angeles that have been designated by the Los Angeles Cultural Heritage Commission as worthy of preservation based on their architectural, historic, and cultural merits. A search of the LAHCMs found five monuments within 0.25 mile of the project area (Table 4). These include three historic hotels, one commercial building, and the Granada Shoppes and Studios mixed-use complex.

Table 4. Los Angeles Historic-Cultural Monuments within 0.5 Mile of the Project Area

LAHCM Number	Historic Name/Description
56	Bullock's Wilshire Building
238	Granada Shoppes and Studios
267	Park Plaza Hotel
576	The Town House
653	Bryson Apartment Hotel

Historic Maps

Relevant historic and ethnographic maps at the SCCIC, online, and in AECOM's possession were consulted to understand past land use and disturbance and to identify possible locations of archaeological sensitivity within the project area. U.S. General Land Office maps, the City of Los Angeles Annexation Map, Baist Real Estate Atlases, and Sanborn Fire Insurance maps were all consulted in this analysis.

Maps prepared by anthropologists or at the direction of local tribes were consulted. These include maps published by A.L. Kroeber and William McCawley (Kroeber 1925; McCawley 1996); *Tongva Villages: Gabrieleno-Fernandeno of the Los Angeles Basin,* prepared by Keepers of Indigenous Ways (Sutimiv-Pa'alat 2010); *Kizh Tribal Territory (Gabrieleno Indian Lands),* prepared by archaeologist Gary Stickel for the Gabrieleno Band of Mission Indians-Kizh Nation (Flaherty 2016); and *Native California: Los Angeles County* (Fernandeno Tataviam Band of Mission Indians 2014). These maps do not show any tribal villages within or near the project area of potential effects. The closest village shown on these maps is Yaanga, in the vicinity of the modern Civic Center.

The project area is located just within the western boundary of the City Lands of Los Angeles land grant. The project area does not appear in the 1888 Sanborn atlas.

The eastern border of the project area falls at the very edge of coverage in the 1900 Sanborn atlas. It is labeled Sunset Park, but no other details are visible (Sanborn 1900: Vol. 4, Sheet 151).

The 1910 Baist map shows the project area as open green space. It is labeled as part of Sunset Park. Today's La Fayette Park Place is labeled Benton Boulevard. The 1914 map is the same for the project area, although the Felipe de Neve Branch Library now stands at the northwest corner of the park. The 1921 map again shows the project area as open green space, but the park is labeled Lafayette Park.

Native American Contact Program

As part of this investigation, an SLF search of the project area and vicinity was requested from the Native American Heritage Commission (NAHC). A letter was prepared and mailed to NAHC on September 25, 2018. The letter requested that an SLF check be conducted for the proposed project and that contact information be provided for Native American groups or individuals that may have concerns about cultural resources in the project site. AECOM and the Los Angeles Bureau of Engineering (BOE) are awaiting a response.

In anticipation of the NAHC response, AECOM contacted Native American groups expected to be identified by the NAHC with a letter dated September 27, 2018. The letter briefly described the proposed project and its geographical location, and requested any information the tribes could provide regarding tribal concerns and the sensitivity for unknown tribal cultural resources within the project area. The results of the SLF search and Native American contact are included in confidential Attachment 2.

Paleontological Research

The project area is located wholly within an area marked as older Quaternary deposits (Dibblee and Ehrenspeck 1991). Excavations in Hollywood have yielded fossils of horse, bison, camel, and mastodon at depths ranging from 5 feet to 65 feet in older Quaternary alluvium (McLeod 2017).

Field Methods and Results

Archaeological Survey

An archaeological field survey of the project area was conducted on September 26, 2018, by AECOM archaeologist Marc A. Beherec, RPA. Dr. Beherec meets the Secretary of the Interior's Professional Qualification Standards in Archaeology. The purpose of the survey was to identify and record cultural resources that are at least 45 years old and evaluate any discovered resources for historical significance based on criteria for listing in the CRHR.

Archaeological survey focused on those areas where soil was visible, such as planters and landscaped areas. These areas were walked over in transects of 5 meters or less and carefully inspected.

An approximately 110-foot by 120-foot portion of the project area is currently occupied by tennis courts. Other parts of the project area are obscured by sidewalks and landscaping. However, approximately 50 percent of the project area consists of largely exposed soils. The portions of the project area with visible soil consist of the triangle south of the tennis courts, the northwest tip of the project area, and earth areas surrounding the

perimeter of this part of the park. These undeveloped areas of the park had good surface visibility ranging from approximately 90 percent to approximately 20 percent. Vegetation, wood chips, and modern refuse obscured visibility.

Throughout the surveyed areas, the soil is predominantly a densely packed light tan, fine-grained silty sand with worn cobble and pebble granitic inclusions. Previous ground disturbance associated with landscaping and utilities excavations and other construction activities appears to have impacted much of the park.

In the course of the field survey, no archaeological resources meeting the age criterion of 45 years or more were identified.

Built Environment Survey

An intensive-level built environment survey of the properties within the project area was conducted on September 26, 2018. Based on the survey and property-specific research, one built environment resource within the project area was recorded and evaluated: Lafayette Park PWAP "Power of Water" Fountain. Architectural historian Monica Mello recorded and evaluated the built environment resource. Ms. Mello meets the Secretary of the Interior's Professional Qualification Standards in Architectural History and History. In accordance with regulations promulgated by the National Parks Service and OHP, properties within the project area were inspected and photographed in the field, and were documented in detail on California Department of Parks and Recreation (DPR) 523 forms (Derry et al. 1985). California DPR 523 forms are included in Attachment 3.

Lafayette Park PWAP "Power of Water" Fountain

The "Power of Water" Fountain located in Lafayette Park was constructed in 1934 (Figure 2). The "Power of Water" Fountain was designed by Henry Lion, assisted by Jason Emerson Herron on casting and Sherry Peticolas for engineering. A cast central figure of a woman symbolizes the power of water, the flowing lines of her hair and garments evoking flowing currents; 12 nude figures in relief on the face of the lower basin represent the timeless struggle to obtain the precious resource (Holliday 2016). The fountain is constructed of cast concrete, the central figure is approximately 10 feet in height; the relief panel is 5 feet in height and 25 feet in length. The upper right corner of the relief panel is inscribed with the words "PWAP 1934 LION.HERRON.PETICOLAS."



Figure 2. Overview of PWAP "Power of Water" Fountain, view north, September 26, 2018

The PWAP “Power of Water” Fountain is located within the southernmost portion of Lafayette Park in a triangular-shaped parcel. The fountain is bordered to the north by Wilshire Boulevard, to the west by Hoover Street, and to the east by South La Fayette Park Place. This portion of the park contains the fountain, tennis courts, concrete sidewalks, mature trees (eucalyptus and palm varieties), lawns, and modern light fixtures. The fountain has a southwest-facing orientation and is placed at an axis to the surrounding concrete sidewalks.

The basin of the structure has been infilled with mulch and no longer is functional as a fountain. The lower/secondary basin has been completely infilled with soil with only the upper portion visible.

Resource Evaluation

Sculpture Conservation Studio, Inc. and Glenn Wharton and Associates, Inc. inventoried this property in 1998 for the report titled “A Survey of Important Sculptures in Los Angeles County” (Publicartinla.com 2010). The previous recordation did not include an evaluation of the property’s eligibility for the NRHP or the CRHR. After review of the previous recordation and current field check and research, the present evaluation concludes that the PWAP “Power of Water” Fountain does appear to meet the criteria for listing in the NRHP and the CRHR. It appears to be a historical resource for purposes of the California Environmental Quality Act (CEQA). The following provides more information regarding the evaluation of the property.

To be eligible for the NRHP, properties must retain their historic integrity and must be significant at the local, state, or national level, under one or more of the following four criteria, which are defined as any resource that:

- Criterion A. Is associated with events that have made a significant contribution to the broad patterns of our history; or
- Criterion B. Is associated with the lives of significant persons in our past; or
- Criterion C. Embodies the distinctive characteristics of a type, period, or method of construction, or that represents the work of a master, or that possesses high artistic values, or that represents a significant and distinguishable entity whose components may lack individual distinction; or
- Criterion D. Has yielded or may be likely to yield, information important in history or prehistory.

To be eligible for the CRHR, properties must retain their historic integrity and must be significant at the local, state, or national level, under one or more of the following four criteria:

- Criterion 1. It is associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the United States; or
- Criterion 2. It is associated with the lives of persons important to local, California, or national history; or
- Criterion 3. It embodies the distinctive characteristics of a type, period, region, or method or construction, or represents the work of a master, or possesses high artistic values; or
- Criterion 4. It has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation.

Criterion A/1 – Event

Under NRHP Criterion A or CRHR Criterion 1, this property has significant associations with important historic events. The PWAP “Power of Water” Fountain, installed in 1934, was among one of the last projects completed under PWAP—a program that only ran in 1933 and 1934 and was later succeeded by other New Deal programs including the WPA’s FAP. The “Power of Water” Fountain was one of only 2000 works of art produced in Southern California under the PWAP and is considered one of the larger-scale monuments constructed (LAT 1934). Therefore, the PWAP “Power of Water” Fountain is eligible for listing in the NRHP under Criterion A or the CRHR under Criterion 1.

Criterion B/2 – Person

The PWAP “Power of Water” Fountain located in Lafayette Park is not associated with any significant person in history. Research did not indicate that any individuals related to the development and use of this structure made

demonstrably important contributions to history at the local, state, or national level. Therefore, the PWAP "Power of Water" Fountain is not eligible for listing in the NRHP under Criterion B or the CRHR under Criterion 2.

Criterion C/3 – Design/Construction
Under NRHP Criterion C or CRHR Criterion 3, this property is significant because it is an important example of a type, period, or method of construction. The PWAP "Power of Water" Fountain has character-defining features and stylistic details associated with the New Deal public art movement and Art Deco style public art. These include the concrete casting techniques and application, size and scale, perspective, and subject matter. The fountain's combined features of both monumental sculpture and bas relief detail display these features. These elements are good examples of a pattern of elements, variation of features, or an evolution or transition of a resource class. Although it no longer functions as a fountain, the structure is eligible for NRHP/CRHR listing under Criterion C/Criterion 3 because it embodies distinctive characteristics of a type, period, or method of construction.

The PWAP "Power of Water" Fountain was designed by Henry Lion, assisted by Jason (Jessie) Emerson Herron on casting and Sherry Peticolas for the engineering. In addition to the "Power of Water" Fountain, other New Deal and WPA projects Lion worked on include the Juan Rodriguez Cabrillo cast concrete statue in San Pedro (installed 1936), and the cast concrete eagle facades for the Los Angeles Federal Courthouse (installed 1938) (Living New Deal 2018a). Jason (Jessie) Emerson Herron was among the leading female sculptors of California known for her Art Deco style sculptures (Osona 2018). Sherry Peticolas' other New Deal and WPA works include: wood relief sculpture the "Horseman" located at the Hollywood Station Post Office (installed 1937); wood relief sculpture "Transportation of the Mail" located at the San Fernando Post Office (installed c. 1937); and the plaster façade sculptures located at the Inglewood Post Office (installed 1937)(Living New Deal 2018b). The PWAP "Power of Water" Fountain is the work of several recognized master artists. Therefore, the property is eligible for NRHP/CRHR listing under Criterion C/Criterion 3.

Criterion D/4 – Information Potential
The property has not yielded, nor is it likely to yield, information important in prehistory or history; therefore, it is ineligible to the NRHP under Criterion D or the CRHR under Criterion 4.

Integrity Analysis
In addition to meeting one of the criteria, a property must also retain its historic integrity. Historic integrity is the ability of the property to convey its historical significance and consists of seven aspects: location, design, setting, materials, workmanship, feeling, and association.

Location

Location is defined as the place where the historic property was constructed or the place where the event occurred. The PWAP "Power of Water" Fountain was installed in 1934; the fountain has not been moved since its placement, and its location has not been obscured by subsequent construction. The property has retained its integrity of location.

Design

Design is defined as the combination of elements that create the form, plan, structure, and style of a property, and results from conscious decisions made during the original conception and planning of the property. Despite alterations and modifications that have occurred to the PWAP "Power of Water" Fountain, the property has maintained its original design elements that are clearly visible. In addition to alterations, including the soil infill to the fountain basins, the structure's design exhibits some weatherization and vandalism. However, despite these effects, the design of the structure is intact.

Setting

Setting is defined as the physical environment of a historic property. The PWAP "Power of Water" Fountain is located within the southernmost portion of Lafayette Park. When the fountain was installed in 1934, some infill development was occurring; however, the majority of the area's development occurred during the 1920s through

the 1960s. Therefore, the PWAP “Power of Water” Fountain has retained its integrity of setting.

Materials

Materials are the physical elements that were combined during a particular period of time in a particular pattern of construction to form a historic property. The PWAP “Power of Water” Fountain has been cleaned and altered over the years as a part of general maintenance; however, the structure appears in its original form with no additional or incompatible materials applied to it. The structure retains integrity of materials.

Workmanship

Workmanship is the physical evidence of the crafts of a particular culture or people during any given period in history or prehistory. Although the structure exhibits some deterioration, it continues to demonstrate the workmanship of an Art Deco style cast concrete sculpture. The workmanship reflects common techniques used from the early-twentieth century on, including monumental, formal and heavy forms, and Art Deco style art elements. Because the structure is intact, it has integrity of workmanship.

Feeling

Feeling is the property’s expression of the aesthetic or historic sense of a particular period of time. It results from the presence of historic features that together convey the property’s historic character. In its current state, the PWAP “Power of Water” Fountain appears to express its sense and aesthetic as an early New Deal era public art piece. As a result, the property conveys its integrity aspect of feeling.

Association

Association is the direct link between an important historic event or person and a historic property. Lafayette Park continues to operate as a public park to the present and the PWAP “Power of Water” Fountain conveys this relationship.

In conclusion, the PWAP “Power of Water” Fountain is eligible for listing in the NRHP/CRHR (for more information see Attachment 3 DPR 523 forms). The PWAP “Power of Water” Fountain is associated with early New Deal era public art initiatives and is one of the larger-scale monuments constructed in Southern California prior to the establishment of the WPA’s FAP, which lasted substantially longer than the short-lived PWAP. The property is a good example of Art Deco style public art, although its integrity has been compromised by alterations completed in the 1990s. Furthermore, it meets NRHP and CRHR significance criteria A/1 and C/3. Therefore, in conclusion, the property is eligible for listing in the NRHP or CRHR, and is considered a historical resource for the purposes of CEQA.

Recommendations

The following section presents recommendations for further action regarding archaeological resources, built environment resources, and potential tribal cultural resources within the project area. These recommendations are based on information collected from archival research, which examined records kept at the SCCIC, local cultural resource listings, County Assessors’ parcel records historic maps, contemporary archaeological literature, local prehistoric land use patterns and resource availability, information provided by Native American representatives, and the results of the field survey. All of these investigations and resource documentation serve to inform the recommendations provided for cultural resources in the project area.

The sensitivity of the proposed project to encounter significant fossil remains appears low. Geologic maps indicate that the project area lies within an area mapped as having surficial deposits of Quaternary alluvium. Older Quaternary alluvial deposits in the City of Los Angeles have yielded significant fossils. However, the shallow excavations associated with the proposed project, which are not anticipated to exceed 4 feet in depth, are unlikely to yield intact fossils. Building permits indicate that all four parcels within the project area were graded after 1961. Soils at the relatively shallow depths required for project excavations can reasonably be assumed to have been disturbed in the recent past, by grading, by utilities excavations, and by the construction

of the existing tennis courts. If potential fossil remains are encountered by the proposed project, work will be temporarily halted in the vicinity of the find and BOE will contact a qualified paleontologist to evaluate and determine appropriate treatment for the resource.

Archaeological Recommendations

Based on the results of the archival research and field survey, there is low potential that archaeological resources will be encountered during ground-disturbing activities for the proposed project. Ground disturbance required for the proposed project will not exceed 4 feet in depth. Soils at the relatively shallow depths required for project excavations can reasonably be assumed to have been disturbed in the recent past, by grading, by utilities excavations, and by the construction of the existing tennis courts. If archaeological resources are encountered during ground-disturbing activities, work will be temporarily halted in the vicinity of the find and BOE will contact a qualified archaeologist to evaluate and determine appropriate treatment for the resource in accordance with Public Resources Code (PRC) Section 21083.2(i).

Built Environment Recommendations

The PWAP “Power of Water” Fountain is a historical resource. The following assesses the potential improvements to determine if a significant effect would occur to the historical resource.

As a historical resource, to minimize any impacts to a level less than significant, this analysis finds that any proposed alterations planned for the PWAP “Power of Water” Fountain should be consistent with the Secretary of the Interior’s Standards for the Treatment of Historic Properties, particularly the Secretary of the Interior’s Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings. Per the National Park Service, rehabilitation is defined as the process of returning a property to a state of utility, through repair or alteration, which makes possible an efficient contemporary use while preserving those portions and features of the property that are significant to its historic, architectural, and cultural values. Rehabilitation assumes that at least some repair or alteration of the historic building will be needed to provide for an efficient contemporary use; however, these repairs and alterations must not damage or destroy materials, features, or finishes that are important in defining the building's historic character. The Standards for Rehabilitation include the following, taking into consideration economic and technical feasibility of the repairs to the historic resource:

1. A property shall be used for its historic purpose or be placed in a new use that requires minimal change to the defining characteristics of the building and its site and environment.
2. The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.
3. Each property shall be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or architectural elements from other buildings, shall not be undertaken.
4. Most properties change over time; those changes that have acquired historic significance in their own right shall be retained and preserved.
5. Distinctive features, finishes, and construction techniques or examples of craftsmanship that characterize a property shall be preserved.
6. Deteriorated historic features shall be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature shall match the old in design, color, texture, and other visual qualities and, where possible, materials. Replacement of missing features shall be substantiated by documentary, physical, or pictorial evidence.
7. Chemical or physical treatments, such as sandblasting, that cause damage to historic materials shall not be used. The surface cleaning of structures, if appropriate, shall be undertaken using the gentlest means possible.
8. Significant archaeological resources affected by a project shall be protected and preserved. If such resources must be disturbed, mitigation measures shall be undertaken.

9. New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.

10. New additions and adjacent or related new construction shall be undertaken in such a manner that, if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.

In conclusion, as a property that qualifies as a historical resource for purposes of CEQA that is eligible for listing in the NRHP and CRHR, any improvements planned for the property should be consistent with the Secretary of the Interior's Standards for Rehabilitation, in order for the project to have a less than significant effect on the PWAP "Power of Water" Fountain.

Tribal Cultural Resource Recommendations

The sensitivity of the project area for tribal cultural resources appears low. The NAHC conducted an SLF search, which was negative. No potential tribal cultural resources were identified during the archival research or the field survey. The Native American contact program is detailed in Attachment 2. However, if any Native American cultural material is encountered within the project site, interested Native American parties established in the contact program or through consultation with the lead agency will be notified. BOE should determine during consultation if the resources constitute tribal cultural resources and solicit any comments the Native American parties may have regarding appropriate treatment and disposition of the resources.

If human remains are discovered, work in the immediate vicinity of the discovery will be suspended and the Los Angeles County Coroner contacted. If the remains are deemed Native American in origin, the Coroner will contact the NAHC and identify a Most Likely Descendant pursuant to PRC Section 5097.98 and California Code of Regulations Section 15064.5. Work may be resumed at the landowner's discretion but will only commence after consultation and treatment have been concluded. Work may continue on other parts of the project site while consultation and treatment are conducted.

Prepared by



Marc A. Beherec, Ph.D., RPA
Archaeologist



Monica (Mello) Wilson, MA
Architectural Historian

Attachment 1 – Project Area Maps
Attachment 2 – Sacred Lands File Search and Native American Contact Program (Confidential)
Attachment 3 – California Department of Parks and Recreation (DPR) 523 Forms

References

Arnold, J. E., M. R. Walsh, and S. E. Hollimon
2004 The Archaeology of California. *Journal of Archaeological Research* 12:1–73.

Baist, G. W.
1910 *Baist Real Estate Atlas Surveys of Los Angeles, California.* G.W. Baist, Philadelphia.

1914 *Baist Real Estate Atlas Surveys of Los Angeles, California.* G.W. Baist, Philadelphia.

1921 *Baist Real Estate Atlas Surveys of Los Angeles, California.* G.W. Baist, Philadelphia.

Bean, Lowell John, and Charles R. Smith
1978 Gabrielino. In *Handbook of North American Indians*, Vol. 8, pp. 538–562. Robert F. Heizer, editor. Smithsonian Institution, Washington, D.C.

Bevill, Arthur D.
2007 *Santa Susana Pass State Historic Park Cultural Resource Survey - Historic Overview*.

Blumenson, John J.-G.
1981 *Identifying American Architecture: A Pictorial Guide to Styles and Terms, 1600-1945*. Revised Edition. New York: W.W. Norton & Company, Inc.

Cabrera, Yvette
1994 The Fall of Lafayette Park. *Los Angeles Times*, 25 December: H1, H12-H14. Los Angeles, California.

Derry, Anne, H. Ward Jandl, Carol D. Shull, and Jan Thorman
1985 *Guidelines for Local Surveys: A Basis for Preservation Planning, National Register Bulletin 24*. National Parks Service.

Dibblee, T. W., and H. E. Ehrenspeck, editors
1991 *Geologic Map of the Hollywood and Burbank (South 1/2) Quadrangles, Los Angeles, California.* 1:24000 Scale. Camarillo: Dibblee Geological Foundation.

Erlandson, Jon M.
1994 *Early Hunter-Gatherers of the California Coast.* Plenum Press, New York.

Fernandeno Tataviam Band of Mission Indians
2014 Map: *Native California: Los Angeles County*. San Fernando: Fernandeno Tataviam Band of Mission Indians.

Flaherty, James
2016 Map: *Kizh Tribal Territory (Gabrieleno Indian Lands).* Covina, CA: Kizh Tribal Press.

Gebhard, David, and Robert Winter
1985 *Architecture in Los Angeles, a Complete Guide*. Salt Lake City, UT: Gibbs M. Smith, Inc.

Gumprecht, Blake

1999 *The Los Angeles River: Its Life, Death and Possible Rebirth*. John Hopkins University Press, Baltimore, MD.

Hawthorne, Christopher
2006 Hooray for Sprawlywood. *Los Angeles Times.* 3 December:S6. Los Angeles.

Holliday, Peter James
2016 *American Arcadia: California and the Classical Tradition*. New York: Oxford University Press.

Jackson, Robert H.
1999 Agriculture, Drought & Chumash Congregation in the California Missions (1782–1834), *California Mission Studies Association*. Articles, May Newsletter.

Jorgensen, Lawrence C.,
1988 *The San Fernando Valley Past and Present*, Pacific Rim Research, ISBN 0-941014-00-2.

Kline, George E., and Victoria L. Kline
2007 Fluted Point Recovered from San Diego County Excavation. *Proceedings of the Society for California Archaeology* 20:55–59.

Kroeber, A. L.
1925 Handbook of Indians of California. *Bureau of American Ethnology Bulletin 78*, Smithsonian Institution, Washington D.C.

Living New Deal

2018a "Henry Lion." Electronic document, https://livingnewdeal.org/artists/henry-lion/. Accessed October 25, 2018.

2018b "Sherry Peticolas." Electronic document, https://livingnewdeal.org/artists/sherry-peticolas/ . Accessed October 25, 2018.

Los Angeles Public Library
2018 "Fountain in Lafayette Park, 1937." Los Angeles Public Library Photo Collection, Works Progress Administration Photo Collection.

Los Angeles Times (LAT)
1918 Name Park Lafayette. 21 November. Los Angeles, California.

1919 To Honor Lafayette. 3 January: II7. Los Angeles, California.

1934 New Fountain Emphasizes Art Project's Civic Value. 2 December: A6. Los Angeles, California.

McCawley, William C.
1996 *The First Angelinos: The Gabrielino Indians of Los Angeles.* Malki Museum Press, Banning.

McLeod, Samuel
2017 Letter re: Vertebrate Paleontology Records Check for Paleontological Resources for the Proposed 1111 Sunset Project, Project Code 17SB02, in the City of Los Angeles, Los Angeles County, Project Area. Appendix B in Appendix IS-4, *Cultural and Paleontological Resource Evaluation and Impact Assessment for the 1111 Sunset Boulevard Project, City of Los Angeles, California,* by Angela H. Keller, Karen K. Swope, Carrie J. Gregory, Michael R. O'Connell, Joseph J. El Adli, and Donn R. Grenda. Online at https://planning.lacity.org/eir/nops/1111_Sunset/appendices.pdf. Accessed July 23, 2018.

Meyer, L.
1981 *Los Angeles, 1781–1981*. A Special Bicentennial Issue of California History, Spring 1981. California Historical Society, Los Angeles.

Paddison, Joshua
1999 *A World Transformed: Firsthand Accounts of California Before the Gold Rush.* Heyday Books, Berkeley, CA. ISBN 1-890771-13-9.

Publicartinla.com
2010 "Power of Water." Electronic document, http://www.publicartinla.com/sculptures/MacArthur_Park/power_water_survey.html. Accessed October 25, 2018.

Osona, Rafael
2018 "Jason (Jessie) Emerson Herron (American, 1900-1984)." Electronic document, https://www.rafaelosonaauction.com/artists/jason-jessie-emerson-herron-b-denver-co-1900-d-california-1984/. Accessed October 25, 2018.

Reid, Hugo
1939 [1852] Letters on the Los Angeles County Indians. In *A Scotch Paisano in Old Los Angeles*, by Susanna Bryant Dakin, pp. 215–286. University of California Press.

1977 [1851] The Decay of the Mission. In *Los Angeles, Biography of a City*, edited by John Caughey and LaRee Caughey, pp. 102–104. Berkeley, CA: University of California Press.

Rondeau, Michael F.
2008 Fluted Points of the Far West. *Proceedings of the Society for California Archaeology* 21:265–-274.

Sanborn Map Company
1907 Insurance Maps of Los Angeles, California. New York: Sanborn Map Company.

1921 Insurance Maps of Los Angeles, California. New York: Sanborn Map Company.

1954 Insurance Maps of Los Angeles, California. New York: Sanborn Map Company.

Shipley, William F.
1978 Native Languages of California. In *Handbook of North American Indians*, Vol. 9, pp. 80–90. Robert F. Heizer, editor. Smithsonian Institution, Washington, D.C.

Smithsonian American Art Museum
2015 "1934: A New Deal for Artists." Electronic document, http://americanart.si.edu/exhibitions/archive/2009/1934/1934_forward.cfm. Accessed October 25, 2018.

Stickel, E. Gary
2008 The Farpoint Site (CA-LAN-451): A Unique Clovis Culture Site of the First Americans on the Malibu Coast. Online at http://farpointsite.blogspot.com/2008/02/farpoint-site-ca-lan-451-unique-clovis.html. Accessed December 27, 2013.

Sutimiv-Pa'alat
2010 Map: *Tongva Villages: Gabrieleno-Fernandeno of the Los Angeles Basin.* San Pedro, CA: Keepers of Indigenous Ways.

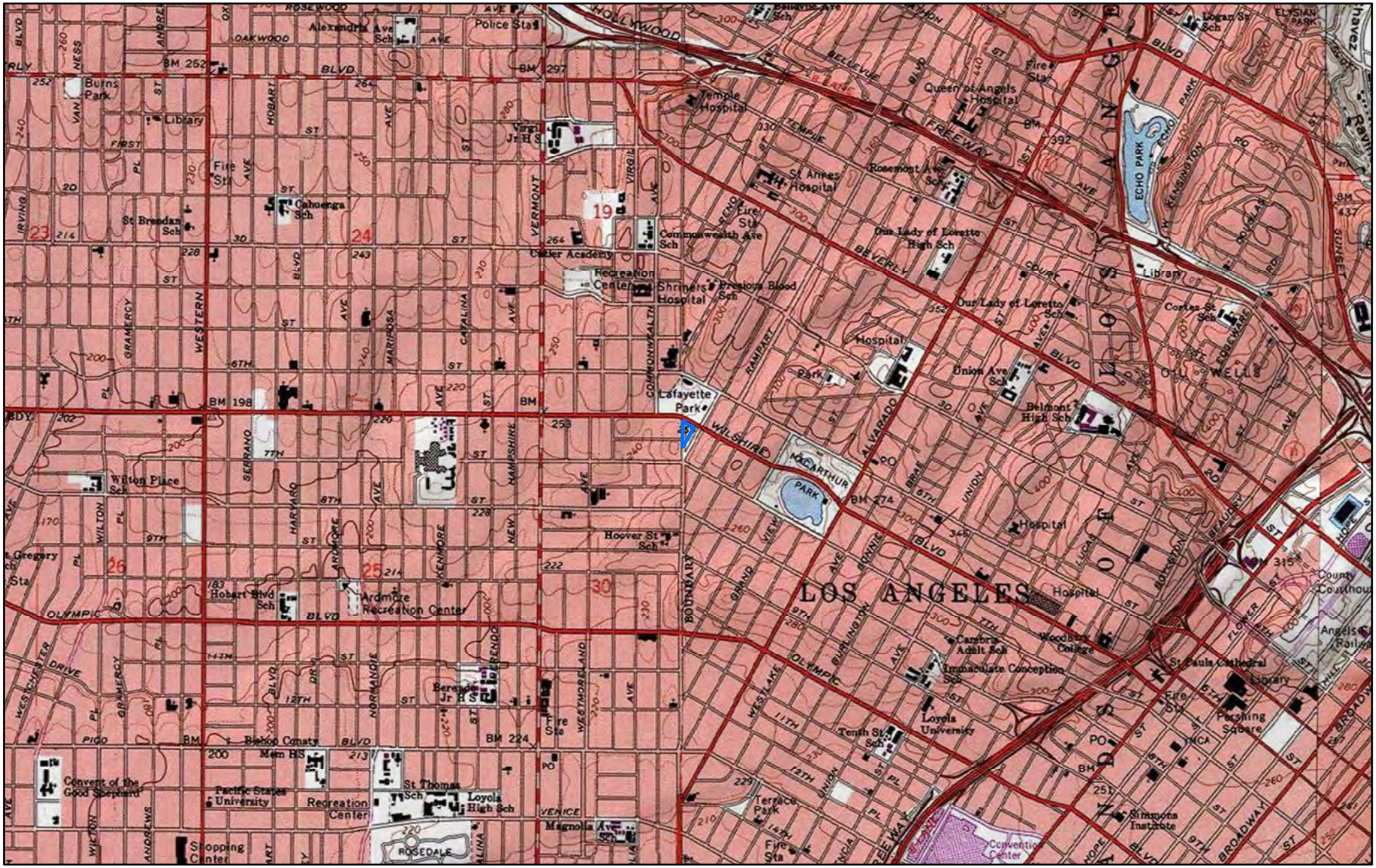
Wallace, William J.
1955 A Suggested Chronology for Southern California Coastal Archaeology. *Southwestern Journal of Anthropology* 11(3): 214–230.

Warren, Claude N.
1968 Cultural Traditions and Ecological Adaptation on the Southern California Coast. In *Archaic Prehistory in the Western United States*, edited by Cynthia Irwin-Williams. Eastern New Mexico University Contributions in Anthropology 1(3): 1–14.

Wilkman, Nancy, and Jon Wilkman
2006 *Picturing Los Angeles.* Gibbs Smith Publishers, Salt Lake City.

Wright, Ralph B., editor
1992 *California's Missions.* Hubert A. Lowman. Arroyo Grande, California.

Attachment 1
Project Area Maps



0 0.25 0.5 Miles

0 0.25 0.5 Kilometers

Scale: 1:24,000
1 in = 2,000 ft

Date: 9/25/2018
Projection: NAD 83 UTM Zone 10N

N

La Fayette Park Place Bridge Housing Project

Quadrant:
Hollywood, Ca.

PLSS:
T01S, R13W, Section 30

Legend:

Project Area



Path: C:\GIS Data\Projects\EMGD-062\MXD\NAHC Map - EMGD-062 085x11.mxd

Attachment 2
Sacred Lands File Search and Native American Contact Program
(Confidential)

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Attachment 3
Department of Parks and Recreation (DPR) 523 Forms

State of California - The Resources Agency **Primary#**_____
DEPARTMENT OF PARKS AND RECREATION **HRI#**_____
PRIMARY RECORD
Trinomial_____
NRHP Status Code_____
Other Listings _____
Review Code Reviewer Date _____

 ***Resource Name or #:** (Assigned by recorder) PWAP Power of Water Fountain

P1. Other Identifier: PWAP "Power of Water" Fountain
***P2. Location:** ☐ **Not for Publication** ☒ **Unrestricted** ***a. County:** Los Angeles
***b. USGS 7.5' Quad** Hollywood, California **T1S, R13W,S30**
Address Lafayette Park, Corner of Hoover and Lafayette Park Place, Los Angeles **City** Los Angeles **Zip** 90057
c. UTM: (Give more than one for large and/or linear resources) Zone 11S ;381509.77 mE/ 3769642.19mN
e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)
Assessor's Parcel Number (APN): 5077-006-901

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The "Power of Water" fountain located in Lafayette Park was constructed in 1934 (**Photograph 1**). The "Power of Water" Fountain was designed by Henry Lion, assisted by Jason (Jessie) Emerson Herron on casting and Sherry Peticolas for engineering as one of the many public sculptures created during the federally-assisted Public Works of Art Project (PWAP). A cast central figure of a woman who symbolizes the power of water, the flowing lines of her hair and garments evoking flowing currents; 12 nude figures in relief on the face of the lower basin represent the timeless struggle to obtain the precious resource (**Photograph 2**) (Holiday 2016). The fountain is constructed of cast concrete, the central figure is approximately 10 feet in height; the relief panel is 5 feet in height and 25 feet in length. The upper right corner of the relief panel is inscribed with the words "PWAP 1934 LION.HERRON.PETICOLAS" (**Photograph 3**). (SEE CONTINUATION SHEET)

***P3b. Resource Attributes:** (List attributes and codes) HP29 –Landscape Architecture/ Fountain

***P4. Resources Present:** ☐Building ☒ Structure☐Object ☐Site ☐District ☐Element of District ☐Other (Isolates, etc.)

P5a. Photo or Drawing



P5b. Description of Photo: (view, date, accession #) **Photograph 1.** Overview of fountain, camera facing northwest, September 26, 2018

***P6. Date Constructed/Age and Source:**
☒Historic ☐Prehistoric ☐Both 1934 (LAT 1934)

***P7. Owner and Address:**
City of Los Angeles

***P8. Recorded by:** (Name, affiliation, address)

M. Mello, AECOM
401 West A Street, Suite 1200
San Diego, CA 92101

***P9. Date Recorded:** October 4, 2018

***P10. Survey Type:** Intensive

***P11. Report Citation:** *AECOM: Bridge Housing Project (Council District 10): 625 South La Fayette Park Place Cultural, Paleontological and Tribal Cultural Resources Technical Memorandum*

***Attachments:** ☐NONE ☒Location Map ☒Continuation Sheet ☒Building, Structure, and Object Record ☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record ☐Artifact Record ☐Photograph Record ☒Other (List): Sketch Map

***Resource Name or #** (Assigned by recorder) PWAP Power of Water Fountain

B1. Historic Name: "Power of Water"
B2. Common Name: N/A
B3. Original Use: Landscape Architecture, Fountain
B4. Present Use: Landscape Architecture, Statue
***B5. Architectural Style:** Art Deco
***B6. Construction History:** (Construction date, alterations, and date of alterations) 1934 – structure constructed; catch basins infilled with soil c. 1990.

***B7. Moved?** X **No** ____ **Yes** ____ **Unknown** **Date:** _____ **Original Location:**_____
***B8. Related Features:** Lafayette Park

B9a. Architect: Designed by Henry Lion, assisted by Jason (Jessie) Emerson Herron on casting and Sherry Peticolas for engineering
b. Builder: N/A

***B10. Significance: Theme** New Deal Public Art/ Sculpture **Area** Los Angeles
Period of Significance 1934 **Property Type** Public Art
Applicable Criteria A/1, C/3

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

The significance of the PWAP "Power of Water" Fountain located at Lafayette Park was determined by applying the procedures and evaluation criteria for the National Register of Historic Places (NRHP) and the California Register of Historical Resources (CRHR). Site investigations and historic research indicate that the PWAP "Power of Water" Fountain is eligible for listing in the NRHP and the CRHR under criteria A/1 and C/3. In addition, the property does meet the definition of a historical resource for purposes of CEQA. (SEE CONTINUATION SHEET)

B11. Additional Resource Attributes: (List attributes and codes)

***B12. References:** SEE CONTINUATION SHEET

B13. Remarks: None

***B14. Evaluator:** M. Mello, AECOM

***Date of Evaluation:** October 2018

(Sketch Map with north arrow required.)

(This space reserved for official comments.)

***P3a. Description (continued):**

The PWAP "Power of Water" Fountain is located within the southernmost portion of Lafayette Park in a triangular shaped parcel. The fountain is bordered to the north by Wilshire Boulevard, to the west by Hoover Street, and to the east by S. Lafayette Park Place. This portion of the park contains the fountain, tennis courts, concrete sidewalks, mature trees (Eucalyptus and Palm varieties), lawns, and modern light fixtures (**Photograph 4**). The fountain has a southwest facing orientation and is placed at an axis to the surrounding concrete sidewalks.

The basin of the structure has been infilled with mulch and no longer is functional as a fountain (**Photograph 5**). The lower/secondary basin has been completely infilled with soil with only the upper portion visible.

***B10. Significance (continued):**

Historic Context

Sunset (now Lafayette) Park was established in 1899 on what was then undesirable land donated by Clara Shatto, whose husband George owned Catalina Island. In 1918, French heritage groups convinced the City to rename the park for the Marquis de Lafayette (Cabrera 1994), and the change took place in 1919 (LAT 1919). Hector Alliot, President of the Lafayette Society of California and Orra E. Monette, President of the Sons of the Revolution put forward the name change proposal to the City Council (LAT 1918). The name change was not only intended as homage to Marquis de Lafayette, but also tribute to the American Lafayettes lost during the World War I Battle of Saint Mihiel and of the Meuse-Argonne offensive. The name change was symbolic of the bonds that have linked France and America during times of peace and war.

At the same time, in the first half of the twentieth century, the Wilshire District became a hub for elite Los Angeles. The park was surrounded by important ecclesiastical, commercial, and residential buildings such as Bullock's Department Store, The Town House, Granada Shoppes and Suites, the First Congregational Church, and the Catholic Church of the Precious Blood, and the park was patronized by the Angelenos who lived in and frequented the buildings around the park. In 1929, the Phillipe de Neve Branch of the Los Angeles Public Library was established in the north-central portion of the park.

In 1934, the "Power of Water" fountain was installed in Lafayette Park. The fountain was designed by Henry Lion, assisted by Jason (Jessie) Emerson Herron on casting and Sherry Peticolas for the engineering, and was among one of the last projects completed under federally-assisted Public Works of Art Project (PWAP) (LAT 1934). The PWAP was a New Deal program that ran from 1933 to 1934, and employed artists to embellish public buildings and spaces with "American Scene" imagery (Smithsonian American Art Museum 2015). With this minimal guidance, they turned to local and regional subjects and created a picture of the country striving to survive through hard work and true grit (Smithsonian American Art Museum 2015). The PWAP program only generated a few thousand works of art and was later succeeded by the Federal Art Project (FAP) of the Works Progress Administration (WPA) which ran from 1935 through 1943. The FAP employed more than 5,000 artists who created 225,000 works of art (Smithsonian American Art Museum 2015).

The "Power of Water" Fountain was one of only 2000 works of art produced in Southern California under the PWAP and is considered one of the larger scale monuments constructed (LAT 1934). The fountain features a cast central figure of a woman who symbolizes the power of water, the flowing lines of her hair and garments evoking flowing currents; 12 nude figures in relief on the face of the lower basin represent the timeless struggle to obtain the precious resource (Holiday 2016). The fountain was later infilled with soil during the 1990s (Publicartinla.com 2010).

Over the course of the middle and late twentieth century, as the area's residents moved away from the city core, much of the surrounding neighborhood became derelict. As the neighborhood declined, so did the park. By the 1990s, when the City began active revitalization of Lafayette Park, it was known for its homeless population, its gangs, and its drug deals (Cabrera 1994). The Phillipe de Neve Branch of the Los Angeles Public Library was closed in 1990 for a seismic retrofit project, and was later reopened in 1994.

Art Deco Style

The Art Deco style, popular between the 1920s and the commencement of World War II, is characterized by a linear, hard edge composition often with a vertical emphasis; sunken vertical panels; elimination of any classical or medieval termination at the top of the buildings or structures; symmetry and balance for each elevation; frequent use of central tower, whose summit recedes in a stepped pattern; tendency toward monumental, formal and heavy forms; and ornamentation of zigzags, chevrons, sun bursts, spirals, stylized plant motifs, and stylized animals (Blumenson 1981:77; Gebhard and Winter 1985:489).

***B10. Significance (continued):**

Evaluation

Sculpture Conservation Studio, Inc. and Glenn Wharton and Associates, Inc. of inventoried this property in 1998 for the report titled "A Survey of Important Sculptures in Los Angeles County" (Publicartinla.com 2010).

The previous recordation did not include an evaluation of the property's eligibility for the NRHP or the CRHR. After review of the previous recordation and current field check and research, the present evaluation concludes that the PWAP "Power of Water" Fountain does appear to meet the criteria for listing in the NRHP and the CRHR, in addition, it does appear to be a historical resource for purposes of the California Environmental Quality Act (CEQA). The following provides more information regarding the evaluation of the property.

Criterion A/1 – Event

Under NRHP Criterion A or CRHR Criterion 1, this property has significant association with important historic events. The PWAP "Power of Water" Fountain on this parcel, installed in 1934, was among one of the last projects completed under PWAP –a program that only ran from 1933 to 1934 and was later succeeded by other New Deal programs including the WPA's FAP. The "Power of Water" Fountain was one of only 2000 works of art produced in Southern California under the PWAP and is considered one of the larger scale monuments constructed (LAT 1934). Therefore, the the PWAP "Power of Water" Fountain is eligible for listing in the NRHP under Criterion A or the CRHR under Criterion 1.

Criterion B/2 – Person

The PWAP "Power of Water" Fountain located in Lafayette Park is not associated with any significant person in history. Research did not indicate that any individuals related to the development and use of this structure made demonstrably important contributions to history at the local, state, or national level. Therefore, the PWAP "Power of Water" Fountain is not eligible for listing in the NRHP under Criterion B or the CRHR under Criterion 2.

Criterion C/3 – Design/Construction

Under NRHP Criterion C or CRHR Criterion 3, this property is significant because it is an important example of a type, period, or method of construction. The PWAP "Power of Water" Fountain has some character-defining features and stylistic details associated with the New Deal public art movement and Art Deco style public art. These include the concrete casting techniques and application, size and scale, perspective, and subject matter. The fountain's combined features of both monumental sculpture and bas relief detail display these features. Although it no longer functions as a fountain, the structure is eligible for NRHP/CRHR listing under Criteria 3 because it embodies distinctive characteristics of a type, period, or method of construction. These elements are good examples of a pattern of elements, variation of features, or an evolution or transition of a resource class.

The PWAP "Power of Water" Fountain was designed by Henry Lion, assisted by Jason (Jessie) Emerson Herron on casting and Sherry Peticolas for the engineering. In addition to the "Power of Water" Fountain, other New Deal and WPA projects Lion worked on include the Juan Rodriguez Cabrillo cast concrete statue in San Pedro (installed 1936), and the cast concrete eagle facades for the Los Angeles Federal Courthouse in (installed 1938) (Living New Deal 2018a). Jason (Jessie) Emerson Herron, was among the leading female sculptors of California known for her Art Deco style sculptures (Rafael Osona 2018). Sherry Peticolas' other New Deal and WPA works include: wood relief sculpture the "Horseman" located at the Hollywood Station Post Office (installed 1937); wood relief sculpture "Transportation of the Mail" located the San Fernando Post Office (installed c. 1937); and the plaster façade sculptures located at the Inglewood Post Office (installed 1937)(Living New Deal 2018b). The PWAP "Power of Water" Fountain is the work of several recognized master artists. Therefore, the property is eligible NRHP/CRHR listing under Criteria 3.

Criterion D/4 – Information Potential

The property has not yielded, nor is it likely to yield, information important in prehistory or history; therefore, it is ineligible to the NRHP under Criterion D or the CRHR under Criterion 4.

Integrity Analysis

In addition to meeting one of the criteria, a property must also retain its historic integrity. Historic integrity is the ability of the property to convey its historical significance and consists of seven aspects: location, design, setting, materials, workmanship, feeling, and association.

Location

Location is defined as the place where the historic property was constructed or the place where the event occurred. The PWAP "Power of Water" Fountain was installed in 1934; the fountain has not been moved since its placement, and its location has not been obscured by subsequent construction. The property has retained its integrity of location.

Design

Design is defined as the combination of elements that create the form, plan, structure, and style of a property, and results from conscious decisions made during the original conception and planning of the property. Despite alterations and modifications that have occurred to the PWAP "Power of Water" Fountain, the property has maintained its original design elements and is clearly visible. In addition to the soil infill to

the fountain basins, the structure's design exhibits some weatherization and vandalism. However, despite these effects the design of the structure is intact.

Setting

Setting is defined as the physical environment of a historic property. The PWAP "Power of Water" Fountain is located within the southernmost portion of Lafayette Park. When the fountain was installed in 1934, some infill development was occurring; however, the majority of the area's development occurred during the 1920s through the 1960s. Therefore, the PWAP "Power of Water" Fountain has retained its integrity of setting.

Materials

Materials are the physical elements that were combined during a particular period of time in a particular pattern of construction to form a historic property. The PWAP "Power of Water" Fountain has been cleaned and altered over the years as a part of general maintenance; however, the structure appears in its original form with no additional or incompatible materials applied to it. The structure retains integrity of materials.

Workmanship

Workmanship is the physical evidence of the crafts of a particular culture or people during any given period in history or prehistory. Although the structure exhibits some deterioration, it continues to demonstrate the workmanship of an Art Deco style cast concrete sculpture. The workmanship reflects common techniques used from the early-twentieth century on, including monumental, formal and heavy forms, and Art Deco art style elements. Because the structure is intact, it has integrity of workmanship.

Feeling

Feeling is the property's expression of the aesthetic or historic sense of a particular period of time. It results from the presence of historic features that together convey the property's historic character. In its current state, the PWAP "Power of Water" Fountain appears to express its sense and aesthetic as an early New Deal era public art piece. As a result, the property conveys its integrity aspect of feeling.

Association

Association is the direct link between an important historic event or person and a historic property. Lafayette Park continues to operate as a public park to the present and the PWAP "Power of Water" Fountain conveys this relationship.

***B12. References (continued):**

Blumenson, John J.-G.
1981 *Identifying American Architecture: A Pictorial Guide to Styles and Terms, 1600-1945*. Revised Edition. New York: W.W. Norton & Company, Inc.

Cabrera, Yvette
1994 The Fall of Lafayette Park. Los Angeles Times, 25 December: H1, H12-H14. Los Angeles, California.

Gebhard, David and Robert Winter
1985 *Architecture in Los Angeles, a Complete Guide*. Salt Lake City, UT: Gibbs M. Smith, Inc.

Holliday, Peter James
2016 American Arcadia: California and the Classical Tradition. New York: Oxford University Press.

Living New Deal
2018a "Henry Lion." Electronic document, https://livingnewdeal.org/artists/henry-lion/. Accessed October 25, 2018.
2018b "Sherry Peticolas." Electronic document, https://livingnewdeal.org/artists/sherry-peticolas/. Accessed October 25, 2018.

Los Angeles Times (LAT)
1918 Name Park Lafayette. 21 November. Los Angeles, California
1919 To Honor Lafayette. 3 January: II7. Los Angeles, California.
1934 New Fountain Emphasizes Art Project's Civic Value. 2 December: A6. Los Angeles, California.

Publicartinla.com
2010 "Power of Water." Electronic document, http://www.publicartinla.com/sculptures/MacArthur_Park/power_water_survey.html. Accessed October 25, 2018.

Rafael Osona
2018 "Jason (Jessie) Emerson Herron (American, 1900-1984)." Electronic document, https://www.rafaelosonaauction.com/artists/jason-jessie-emerson-herron-b-denver-co-1900-d-california-1984/. Accessed October 25, 2018.

Smithsonian American Art Museum
2015 "1934: A New Deal for Artists." Electronic document, http://americanart.si.edu/exhibitions/archive/2009/1934/1934_forward.cfm. Accessed October 25, 2018.

Photographs (continued):



Photograph 2. View of relief panel, camera facing north, September 26, 2018



Photograph 3. Detail view of panel inscription, camera facing north, September 26, 2018



Photograph 4. Overview of Lafayette Park, camera facing north, September 26, 2018



Photograph 5. Detail of central figure, note infilled basin, camera facing northwest, September 26, 2018

ATTACHMENT E. HAZARDOUS MATERIALS INFORMATION

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AECOM
300 S Grand Avenue,
Los Angeles, CA 90071
www.aecom.com

213.593.8100 tel
213.593.8053 fax

Memorandum

To	Ms. Heloise Froelich Environmental Management Group Bureau of Engineering, Department of Public Works	Pages 7
Subject	Bridge Housing Project (Council District 10): Hazardous Materials Technical Memorandum	
From	Jessica Himebauch (Author), Kirsten Bradford (Reviewer), AECOM	
Date	October 26, 2018	

Introduction

This technical memorandum describes the limited environmental desktop review and records search of the Bridge Housing Project (proposed project) to be located at 625 South La Fayette Park Place in the Wilshire Community Plan Area of the City of Los Angeles (Council District 10), Los Angeles County, California (subject property/project site). The proposed project consists of a temporary change in property use from a City-owned park to a City-owned temporary emergency homeless shelter for no more than 3 years. The subject property is part of a City of Los Angeles Recreation and Parks Department park, known as La Fayette Park, which is addressed at 625 South La Fayette Park Place. The subject property portion of La Fayette Park is separated from the main larger park site by Wilshire Boulevard. The subject property portion of the park consists of Los Angeles County Assessor Parcel Number (APN) 5077-006-901, which comprises approximately 0.682 acre. No street address is associated with the subject property parcel. The subject property is currently developed with two tennis courts surrounded by landscaping and trees. The proposed project will require the removal of three mature trees, but will be replaced on-site per the current requirements (3 to 1 replacement ratio) of the Recreation and Parks Department. The proposed project would include a new 7,200-square-foot tent structure with 70 beds, a 480-square-foot hygiene trailer, a freestanding shade structure, a 960-square-foot administration trailer, a 1,300-square-foot exterior dining area, a 130-square-foot food preparation and serving area, 385 square-feet of bin storage, 475 linear-feet of street and onsite fencing, a 500-square-foot outdoor pet area, bike racks, a smoking area, and general open space that would serve the local homeless community. As discussed in this memorandum, based on the limited environmental desktop review and records search, no environmental concerns have been identified in connection with the subject property. It should be noted that the subject property is located within an area - designated as a Methane Zone by the City of Los Angeles and the California Division of Oil, Gas, and Geothermal Resources (DOGGR) under Ordinance Number 175790, which took effect in 2004, due to its location adjacent to the City of Los Angeles Oil Field; as such, the subject property may be subject to ordinance conditions for any new construction onsite.

The project design shall comply with a construction management plan that includes project design conditions, as necessary, to protect the health and safety of the community and protect the environment surrounding the project site. The construction management plan and appropriate design conditions have been selected from the *City of Los Angeles, Bureau of Engineering, Master Specifications, Division 01, General Requirements, Section 01562, Part 1.1.C.* In addition, unless otherwise stated, the proposed project will be designed, constructed, and operated following all applicable laws, regulations, ordinances, and formally adopted City standards including, but not limited to:

- Los Angeles Municipal Code
- Bureau of Engineering Standard Plans

- Standard Specifications for Public Works Construction
- Work Area Traffic Control Handbook
- Additions and Amendments to the Standard Specifications for Public Works Construction

Purpose

The purpose of this limited environmental desktop review and records search was to determine whether the subject project is listed by regulatory agencies or might be impacted by known hazardous waste or hazardous materials sites. The methodology used for this limited desktop review of the subject property consisted of an analysis of site setting information retrieved from Google Earth; historical sources and a site-specific environmental database search report provided by Environmental Data Resources, Inc. (EDR); and several readily accessible online regulatory agency databases. The following paragraphs present the results of the limited desktop review and records search of the subject property.

Site Setting

The subject property is in a highly urbanized area of the City of Los Angeles. The most recent images from Google Earth depict the surrounding area to be developed with commercial and residential properties. No sensitive receptors (i.e., day care centers, hospitals, schools, surface water bodies) were identified within proximity (i.e., 500 feet) to the subject property based on the sources reviewed. In addition, no current gasoline stations or dry cleaning facilities were identified within proximity (i.e., 500 feet) to the subject property based on the sources reviewed.

The subject property is located at an average elevation of approximately 265 feet above mean sea level with an overall regional topographic gradient that generally slopes downward in a westerly direction. Based on information provided in the online California State Water Resources Control Board (SWRCB) GeoTracker, Groundwater Monitoring and Assessment Program (GAMA), Groundwater Information System database, groundwater in the area of the subject property has been encountered at depths between approximately 20 and 30 feet below ground surface (bgs) and flowed to the west. It should be noted that the actual groundwater depth and groundwater flow direction beneath the subject property cannot be determined without site-specific groundwater monitoring data.

Site History

Historical information for the subject property and surrounding sites is based on AECOM's review and analysis of historical sources obtained from EDR including Sanborn® Fire Insurance Maps, aerial photographs, topographic maps, city directories, building department records, and deed information.

Subject Property

Historical research indicates that, sometime prior to 1900, the subject property was developed with Sunset Park, which included the main larger park site to the north of Wilshire Boulevard. By 1921, the subject property and adjacent main larger park site, across Wilshire Boulevard, had been renamed La Fayette Park. No features or structures were depicted on the subject property on the 1900 through 1970 Sanborn maps. On the 1923 through 2016 aerial photographs, two tennis courts are visible on the northern portion of the subject property and the remainder of the subject property appears vegetated. La Fayette Park was identified in the 1951, 1976, 2000, 2010, and 2014 city directories searched by EDR. Building permits reviewed by EDR appear related to the main larger park site, including various improvements to the recreation center and gymnasium between 2000 and 2018. In 2009, a building permit was issued for the installation of a methane mitigation system in the gymnasium, located at the adjacent main larger park site. No historical onsite sources of environmental concern were identified.

AECOM obtained an Environmental Lien and Activity and Use Limitation (AUL) Search report for the subject property parcel from EDR (see Attachment 1). According to the EDR Environmental Lien and AUL Search report, no environmental liens or AULs have been recorded on the subject property parcel. The subject property parcel was acquired by the City of Los Angeles in 1967.

Surrounding Sites

The surrounding area had residential uses from at least 1900 through 1907. By 1921, commercial development began in the surrounding area. By 1929, a gas and oil station was present on the southwest corner of Wilshire Boulevard and South Rampart Boulevard, approximately 200 feet to the southeast of the subject property (no longer depicted by 1955). By 1950, an additional gas and oil station was present on the northwest corner of South Hoover Street and 7th Street, approximately 150 feet to the south-southwest of the subject property (no longer present by 1983). Through the years, most of the single-family residential properties were replaced with multi-family residential and commercial developments. By 2005, the surrounding area appeared similar to present-day. No historical offsite sources of environmental concern were identified.

Regulatory Review

Database Information

The site-specific environmental database report (see Attachment 2) was reviewed to evaluate whether soil and/or groundwater from onsite and/or offsite sources of concern has the potential to impact the subject property.

Subject Property

The subject property was not identified in the site-specific environmental database search report.

Surrounding Sites

Numerous facilities/sites (over 100) were identified surrounding the subject property within their respective search distances within the environmental database search report including the two above-mentioned historical gas stations. Based on their status (i.e., non-contamination related, case closed), their distance from the subject property (i.e., greater than approximately 1,000 feet), and/or topographic position relative to the subject property (i.e., cross-gradient to down-gradient), none of the surrounding sites identified within the environmental database search report were found to present an environmental concern to the subject property.

Vapor Encroachment Screening

AECOM conducted a Tier 1 vapor encroachment screening (VES). This screening was conducted in general accordance with the ASTM E 2600 *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions* dated October 2015. The objective of the VES was to determine if a vapor encroachment condition (VEC) exists or if a VEC does not exist.

Subject Property

No onsite sources of vapor encroachment (e.g., underground storage tank [UST], contaminated soil, groundwater plume, etc.) were identified during this assessment. Based on this information, a VEC due to an onsite source does not appear to exist.

Offsite

A review of the environmental database report indicates that no chlorinated volatile organic compounds (VOCs) and/or semi-volatile organic compounds (SVOCs) impacted sites are located within approximately 1,750 feet of the subject property and two petroleum hydrocarbon impacted sites are located within approximately 525 feet of the subject property. Both of these sites can be ruled out due to their regulatory status (i.e., regulatory closure has been issued), media impacted (i.e., soil only), and/or hydrogeological position from the subject property (i.e., down-gradient or cross-gradient). Based on this information, a VEC due to an offsite source does not appear to exist.

Records Search

City

AECOM searched various City of Los Angeles online databases for information on the subject property, including the Bureau of Engineering; Department of Public Works; NavigateLA database; and the Department of City Planning, Zone Information and Map Access System (ZIMAS). In addition, AECOM searched the Los Angeles County Office of the Assessor online Property Assessment Information System (PAIS) for information on the subject property. Information obtained from these online databases has been incorporated throughout this limited desktop review of the subject property where appropriate.

AECOM searched the online City of Los Angeles Fire Department (LAFD) lists of active and inactive USTs, aboveground petroleum storage tank, hazardous materials facilities, and UST historical files to determine if the LAFD has documentation pertaining to the subject property. No LAFD record listings were found associated with the subject property.

State

AECOM searched the California Environmental Protection Agency (CalEPA) Department of Toxic Substances Control (DTSC) online EnviroStor database for California Cleanup Sites involving the DTSC. The EnviroStor database consists of federal National Priorities List (NPL) sites, state response sites, voluntary cleanup sites, and school cleanup sites. The subject property was not identified in the online EnviroStor database.

AECOM searched the CalEPA's SWRCB online GeoTracker database. The GeoTracker database consists of Leaking Underground Storage Tank (LUST) Cleanup Sites, (non-petroleum) Cleanup Program Sites (CPS), Military Cleanup Sites, and Permitted UST Sites located throughout California. The subject property was not identified in the online GeoTracker database.

AECOM searched the online CalEPA Regulated Site Portal database. The database combines information from the California Environmental Reporting System (CERS), EnviroStor, GeoTracker, the California Integrated Water Quality System (CIWQS), and the federal Toxics Release Inventory (TRI) database. Lafayette Park was identified in the CIWQS database under the National Pollutant Discharge Elimination System (NPDES) Permit Program, which includes stormwater. The environmental interest start date is reported as October 12, 2017. This database listing is compliance related and appears associated with the main larger park site, and not the subject property.

AECOM searched the South Coast Air Quality Management District (SCAQMD) online Facility Information Detail (FIND) database. FIND provided information for facilities regulated by SCAQMD including emissions, equipment, enforcement actions, and hearing board documents. The subject property was not identified in the online FIND database.

AECOM searched the California Department of Conservation online DOGGR Well Finder database. According to the online DOGGR database, the subject property is adjacent to the south of the Los Angeles City Oil Field; however, no oil/gas wells were depicted on the subject property. According to the City of Los Angeles Department of City Planning ZIMAS database, the subject property is within an area that has been designated as a Methane Zone by the City of Los Angeles and the California DOGGR under Ordinance Number 175790, which took effect in 2004. The City of Los Angeles Methane and Methane Buffer Zones were established to protect new construction from potential methane hazards due to proximity within or adjacent to a known methane gas source (i.e., landfill, oil well, oil field, or underground gas storage facility). The subject property is adjacent to the south of the southern boundary of the Los Angeles City Oil Field, which is to the north of Wilshire Boulevard. As such, the subject property may be subject to ordinance conditions for any new construction onsite.

Federal

AECOM performed a review of online records available on the National Pipeline Mapping System (NPMS) public map viewer maintained by the U.S. Department of Transportation's Pipeline and Hazardous Materials Safety Administration (PHMSA), for gas transmission or hazardous liquid pipelines on or adjacent to the subject property. No gas transmission or hazardous liquid pipelines were identified on or adjacent to the subject property that are within the PHMSA's jurisdiction.

AECOM searched the U.S. Environmental Protection Agency's Envirofacts and Superfund Enterprise Management System (SEMS) online databases. The Envirofacts database retrieves information obtained from 17 national systems, including the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS), Superfund program (NPL sites), hazardous waste sites, and potential hazardous waste sites. The SEMS database replaced the now retired CERCLIS. SEMS includes the same data fields and content as CERCLIS. No listings were identified associated with the subject property in the SEMS database. Lafayette Park was identified in the Integrated Compliance Information System (ICIS)-NPDES database, which is consistent with the listing in the CalEPA Regulated Site Portal database. The permit expired on July 6, 2018, and no violations are reported. This database listing is compliance related and appears associated with the main larger park site, and not the subject property.

Conclusions

Based on the results of this limited environmental desktop review and records search, no environmental concerns were identified in connection with the subject property.

Prepared by



Jessica Himebauch
Senior Geologist
Environmental Due Diligence Practice



Kirsten Bradford
Senior Scientist
Environmental Due Diligence Practice

Attachment 1 – EDR Environmental Lien and AUL Search Report
Attachment 2 – EDR Environmental Database Report

References

Agencies Contacted

City of Los Angeles Bureau of Engineering, Department of Public Works, NavigateLA online database search, http://navigatela.lacity.org/navigatela/

City of Los Angeles Department of Building and Safety, Online Building Records Search, http://ladbsdoc.lacity.org/idispublic/

City of Los Angeles, Department of City Planning, Zone Information and Map Access System (ZIMAS), http://zimas.lacity.org/

City of Los Angeles Fire Department, Inventory Lists of Underground Storage Tank, Above Ground Petroleum Storage Tank, and Hazardous Materials Facilities Located within The City of Los Angeles, http://www.lafd.org/fire-prevention/cupa/public-records

Los Angeles County Office of the Assessor, Property Assessment Information System (PAIS), http://maps.assessor.lacounty.gov/GVH_2_2/Index.html?configBase=http://maps.assessor.lacounty.gov/Geocortex/Essentials/REST/sites/PAIS/viewers/PAIS_hv/virtualdirectory/Resources/Config/Default

South Coast Air Quality Management District (SCAQMD) online Facility Information Detail (FIND) database, http://www3.aqmd.gov/webappl/fim/prog/search.aspx

State, California Department of Conservation, Division of Oil, Gas and Geothermal Resources (DOGGR) Well Finder, http://www.conservation.ca.gov/dog/Pages/wellfinder.aspx

State, California Department of Toxic Substances Control (DTSC), EnviroStor online database, http://www.envirostor.dtsc.ca.gov/public/

State, California Environmental Protection Agency (CalEPA), Site Portal online database, https://siteportal.calepa.ca.gov

State, California Water Resources Control Board (SWRCB), GeoTracker online database, http://GeoTracker.swrcb.ca.gov/

State, California State Water Resources Control Board (SWRCB) GeoTracker, Groundwater Monitoring and Assessment Program (GAMA), Groundwater Information System database, http://geotracker.waterboards.ca.gov/gama/gamamap/public/

United States Department of Transportation (DOT), Pipeline and Hazardous Materials Safety Administration (PHMSA), National Pipeline Mapping System (NPMS) public map viewer, https://pvnpms.phmsa.dot.gov/PublicViewer/

United States Environmental Protection Agency (EPA), Envirofacts Multisystem online search, https://www3.epa.gov/enviro/facts/multisystem.html

United States EPA, Superfund Enterprise Management System (SEMS) online search, https://www.epa.gov/enviro/sems-search

Documents Reviewed

ASTM E 2600-15, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, dated October 2015. www.astm.org.

EDR Aerial Photo Decade Package prepared for 625 S Lafayette Park Place, Los Angeles, California 90005, dated October 10, 2018. Inquiry number 5448467.12. Aerial photographs dated 1923, 1928, 1938, 1948, 1952,

1964, 1970, 1977, 1983, 1989, 1994, 2002, 2005, 2009, 2012, and 2016. Report prepared by Environmental Data Resources Inc., 6 Armstrong Road, Shelton, Connecticut 06484, (800) 352-0050, www.edrnet.com.

EDR Building Permit Report prepared for 625 S Lafayette Park Place, Los Angeles, California 90005, dated October 9, 2018. Inquiry number 5448467.8. Report prepared by Environmental Data Resources Inc., 6 Armstrong Road, Shelton, Connecticut 06484, (800) 352-0050, www.edrnet.com.

EDR Certified Sanborn® Map Report prepared for 625 S Lafayette Park Place, Los Angeles, California 90005, dated October 9, 2018. Sanborn maps dated 1900, 1906, 1907, 1921, 1950, 1953, 1954, 1955, 1958, 1960, 1961, 1962, 1963, 1967, 1968, and 1970. Inquiry number 5448467.3. Report prepared by Environmental Data Resources Inc., 6 Armstrong Road, Shelton, Connecticut 06484, (800) 352-0050, www.edrnet.com.

EDR City Directory Abstract prepared for 625 S Lafayette Park Place, Los Angeles, California 90005, dated October 10, 2018. Inquiry number 5448467.5. City directories reviewed at approximately 5-year intervals from 1920 to 2014. Report prepared by Environmental Data Resources Inc., 6 Armstrong Road, Shelton, Connecticut 06484, (800) 352-0050, www.edrnet.com.

EDR Environmental Lien and AUL Search prepared for 625 S Lafayette Park Place, Los Angeles, California 90005, dated October 15, 2018. Inquiry number 5448467.7S. Report prepared by Environmental Data Resources Inc., 6 Armstrong Road, Shelton, Connecticut 06484, (800) 352-0050, www.edrnet.com.

EDR Historical Topo Map Report with QuadMatch™ prepared for 625 S Lafayette Park Place, Los Angeles, California 90005, dated October 9, 2018. Inquiry number 5448467.4. Topographic Maps 1894, 1896, 1898, 1900, 1902, 1920, 1921, 1926/1928, 1953, 1966, 1972, 1981, 1991, and 2012. Report prepared by Environmental Data Resources Inc., 6 Armstrong Road, Shelton, Connecticut 06484, (800) 352-0050, www.edrnet.com.

EDR Property Tax Map Report prepared for 625 S Lafayette Park Place, Los Angeles, California 90005, dated October 9, 2018. Inquiry number 5448467.6. Report prepared by Environmental Data Resources Inc., 6 Armstrong Road, Shelton, Connecticut 06484, (800) 352-0050, www.edrnet.com.

EDR Radius Map™ Report with GeoCheck® prepared for 625 S Lafayette Park Place, Los Angeles, California 90005, dated October 9, 2018. Inquiry number 5448467.2s. Report prepared by Environmental Data Resources Inc., 6 Armstrong Road, Shelton, Connecticut 06484, (800) 352-0050, www.edrnet.com.

Attachment 1
EDR Environmental Lien and AUL Search Report

LABOE LAFAYETTE PARK PLACE
625 S LAFAYETTE PARK PLACE
LOS ANGELES, CA

Inquiry Number: 5448467.7S
OCTOBER 15, 2018

EDR Environmental Lien and AUL Search

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

EDR Environmental Lien and AUL Search

The EDR Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

LABOE LAFAYETTE PARK PLACE
625 S LAFAYETTE PARK PLACE
LOS ANGELES, CA

RESEARCH SOURCE

Source 1: LOS ANGELES COUNTY RECORDER'S OFFICE

Source 2: CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Deed 1

Type of Deed:	NA
Title is vested in:	CITY OF LOS ANGELES
Title received from:	NA
Date Executed:	NA
Date Recorded:	PRIOR TO 1980
Book:	NA
Page:	NA
Volume:	NA
Instrument#:	NA
Docket:	NA
Land Record Comments:	NA
Miscellaneous Comments:	NO DEED IMAGE

Legal Description: HANCOCK'S SURVEY LOT BD NE BY WILSHIRE BLVD PER FM16930 SE BY LA FAYETTE PARK PL AND W BY HOOVER ST PART OF LOT LOT 3

Current Owner: CITY OF LOS ANGELES

Property Identifiers: 5077-006-901

Comments: NA

EDR Environmental Lien and AUL Search

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

If Found:

1st Party:	NA
2nd Party:	NA
Dated:	NA
Recorded:	NA
Book:	NA
Page:	NA
Docket:	NA
Volume:	NA
Instrument #:	NA
Comments:	NA
Miscellaneous:	NA

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AUL's: Found ☐ Not Found ☒

If Found:

1st Party:	NA
2nd Party:	NA
Dated:	NA
Recorded:	NA
Book:	NA
Page:	NA
Docket:	NA
Volume:	NA
Instrument #:	NA
Comments:	NA
Miscellaneous:	NA

EDR Environmental Lien and AUL Search

MISCELLANEOUS

Type of Instrument:	NONE IDENTIFIED
First Party:	
Second Party:	
Date Recorded:	
Instrument #:	
Book:	
Page:	
Comments:	

Attachment 2
EDR Environmental Database Report

LABOE Lafayette Park Place
625 S Lafayette Park Place
Los Angeles, CA 90005

Inquiry Number: 5448467.2s
October 09, 2018

The EDR Radius Map™ Report with GeoCheck®

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

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	9
Orphan Summary	342
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-17
Physical Setting Source Map Findings	A-18
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), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

625 S LAFAYETTE PARK PLACE
LOS ANGELES, CA 90005

COORDINATES

Latitude (North):	34.0610960 - 34° 3' 39.94''
Longitude (West):	118.2839030 - 118° 17' 2.05''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	381512.9
UTM Y (Meters):	3769479.2
Elevation:	263 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5630741 HOLLYWOOD, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140515, 20140513
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
625 S LAFAYETTE PARK PLACE
LOS ANGELES, CA 90005

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	TUCHMAN TEXACO SERVI	2801 W 7TH ST	EDR Hist Auto	Lower	243, 0.046, South
A2	BECKER ISIDORE	2725 W 7TH ST	EDR Hist Cleaner	Lower	261, 0.049, South
A3	ELITE DRY CLEANERS	2719 W 7TH ST	EDR Hist Cleaner	Lower	262, 0.050, South
A4	WEISBART A R	2724 W 7TH ST	EDR Hist Cleaner	Lower	299, 0.057, South
B5	AMERICAN RED CROSS L	2700 WILSHIRE BLVD	CA FID UST	Higher	313, 0.059, ESE
B6	MOOR M J	2700 WILSHIRE BLVD	EDR Hist Auto	Higher	313, 0.059, ESE
B7	AMERICAN RED CROSS L	2700 WILSHIRE BLVD	CA UST, CA SWEEPS UST	Higher	313, 0.059, ESE
A8	KELLEY VIRGINIA M	2722 W 7TH ST	EDR Hist Cleaner	Higher	349, 0.066, South
A9	DICKHONER OTTO	708 S HOOVER ST	EDR Hist Cleaner	Lower	362, 0.069, South
A10	THOMAS O W CO	2706 W 7TH ST	EDR Hist Cleaner	Higher	384, 0.073, South
A11	LOY YUEN	710 S HOOVER ST	EDR Hist Cleaner	Lower	405, 0.077, South
C12	TIDES SENIOR APARTME	623 RAMPART BLVD S	CA LUST	Higher	472, 0.089, ENE
C13	UNK	600 S LAFAYETTE PARK	CA SWEEPS UST, CA FID UST	Higher	479, 0.091, NE
C14	STATE COMPENSATION I	600 LAFAYETTE PARK P	CA LUST, CA HIST CORTESE	Higher	479, 0.091, NE
C15	BP & BK CORP	2619 WILSHIRE BLVD	EDR Hist Auto	Higher	548, 0.104, East
D16	EAST L E	2635 W 7TH ST	EDR Hist Auto	Higher	588, 0.111, SSE
D17	TERNOV SAM	2626 W 7TH ST	EDR Hist Cleaner	Higher	599, 0.113, SSE
E18	BURNS ROBT	730 H HOOVER	EDR Hist Auto	Lower	613, 0.116, South
D19	STOCKHOLM EDW	2619 W 7TH ST	EDR Hist Cleaner	Higher	615, 0.116, SSE
D20	ARMSTRONG OLIVER	2617 W 7TH ST	EDR Hist Auto	Higher	618, 0.117, SSE
D21	LOUIS M J	2613 W 7TH ST	EDR Hist Cleaner	Higher	626, 0.119, SSE
D22	LA MAE CLEANERS	2609 W 7TH ST	EDR Hist Cleaner	Higher	632, 0.120, SSE
D23	PACIFIC BELL TELEPHO	720 RAMPART BLVD, SO	CA LUST	Higher	641, 0.121, South
D24	PACIFIC BELL	720 S RAMPART BLVD	CA UST, CA SWEEPS UST	Higher	641, 0.121, South
F25	SHALOM VAN LEVY	671 SOUTH CORONADO	RCRA-SQG, FINDS, ECHO	Higher	643, 0.122, SE
G26	LA FELIPE DE NEVE LI	2820 W 6TH ST	RCRA-SQG, FINDS, ECHO	Lower	680, 0.129, North
E27	PACIFIC BELL	720/740 RAMPART	RCRA-SQG, CA LUST, CA SWEEPS UST, CA HIST UST, CA...	Higher	681, 0.129, South
C28	CHEVRON USA	2601 WILSHIRE BLVD	CA SWEEPS UST	Higher	695, 0.132, East
C29	LA BEST DRY CLEANERS	610 S RAMPART BLVD #	CA DRYCLEANERS	Higher	742, 0.141, ENE
C30	L A BEST DRY CLEANER	610 S RAMPART BLVD	CA DRYCLEANERS	Higher	742, 0.141, ENE
C31	LA BEST DRY CLEAN	610 S RAMPART BLVD #	CA DRYCLEANERS	Higher	742, 0.141, ENE
C32	LA BEST CLEANERS	610 S RAMPART BLVD	RCRA-SQG	Higher	744, 0.141, ENE
C33	MR FAYES N ENABE	610 S RAMPART BLVD	CA SWEEPS UST, CA FID UST	Higher	744, 0.141, ENE
C34	LA BEST CLEANERS	610 S RAMPART	RCRA-SQG, FINDS, ECHO, CA DRYCLEANERS, CA HAZNET	Higher	744, 0.141, ENE
H35	SHERATON TOWN HOUSE	2961 WILSHIRE BLVD	CA LUST, CA HIST CORTESE	Lower	769, 0.146, WNW
H36	KYO-YA CO	2961 W WILSHIRE BLVD	CA SWEEPS UST, CA FID UST	Lower	769, 0.146, WNW
G37	METROPOLITAN SKILLS	2801 W 6TH ST	RCRA-LQG	Higher	780, 0.148, North
D38	AMERICAN RED CROSS	2614 W 7TH ST	CA UST	Higher	799, 0.151, SSE
D39	AMERICAN RED CROSS /	2614 W 7TH ST	CA SWEEPS UST, CA FID UST	Higher	799, 0.151, SSE

MAPPED SITES SUMMARY

Target Property Address:
625 S LAFAYETTE PARK PLACE
LOS ANGELES, CA 90005

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
I40	91446	2525 WILSHIRE BLVD	CA HIST UST	Higher	802, 0.152, East
I41	91446-CHEVRON STATIO	2525 WILSHIRE BLVD	CA SWEEPS UST, CA FID UST	Higher	802, 0.152, East
I42	CHEVRON #9-1446	2525 WILSHIRE BLVD	CA LUST, CA HIST CORTESE	Higher	802, 0.152, East
J43	THE CLEANING STORE	528 S OCCIDENTAL BLV	CA DRYCLEANERS	Lower	816, 0.155, North
J44	CLEANING STORE THE	528 S OCCIDENTAL BLV	CA DRYCLEANERS	Lower	816, 0.155, North
J45	E- Z 4 U CLEANERS, M	528 S OCCIDENTAL BLV	CA DRYCLEANERS	Lower	816, 0.155, North
J46	OCCIDENTAL CLEANERS,	528 S OCCIDENTAL BLV	CA DRYCLEANERS	Lower	816, 0.155, North
H47	UNK	2975 WILSHIRE	CA SWEEPS UST, CA FID UST	Lower	818, 0.155, WNW
H48	CANNELL & CHAFFIN, I	3000 WILSHIRE BLVD	RCRA-SQG, FINDS, ECHO	Lower	899, 0.170, WNW
J49	THE CLEANING STORE	520 S OCCIDENTAL BLV	CA DRYCLEANERS	Lower	907, 0.172, North
F50	LA ST BARNABUS CENTE	675 S CARONDELT ST	RCRA-SQG, FINDS, ECHO	Higher	917, 0.174, SE
51	TARGET STORE T3216	620 S VIRGIL AVE	RCRA-SQG	Higher	993, 0.188, NW
52	PACIFIC BELL	3020 WILSHIRE BLVD	RCRA NonGen / NLR, FINDS, ECHO	Higher	1002, 0.190, West
H53	WILLIAM K SHIMABUKU	3033 WILSHIRE BLVD	CA LUST, CA SWEEPS UST, CA HIST UST, CA FID UST	Lower	1009, 0.191, WNW
H54	TOSCO CORPORATION #3	3033 WILSHIRE BLVD	CA UST	Lower	1009, 0.191, WNW
H55	SERVICE STATION 1000	3033 WILSHIRE BLVD	CA LUST, CA HIST UST	Lower	1009, 0.191, WNW
K56	CARPENTERS PENSION T	2951 W 6TH ST	CA SWEEPS UST, CA FID UST	Higher	1032, 0.195, NNW
57	MC ALISTER HIGH SCHO	611 S CARONDELET ST	RCRA-LQG, FINDS, ECHO	Higher	1039, 0.197, East
K58	CARPENTERS TRUST	2951 006TH ST W	CA LUST, CA HIST CORTESE	Higher	1062, 0.201, NNW
L59	FORMER UNOCAL 351679	801 S HOOVER ST	CA SWEEPS UST, CA FID UST, CA HAZNET	Higher	1109, 0.210, South
L60	UNOCAL SERVICE STATI	801 S HOOVER	CA HIST UST, CA HAZNET	Higher	1109, 0.210, South
L61	YS 76 AUTOCARE	801 S HOOVER ST	CA UST	Higher	1109, 0.210, South
L62	SERVICE STATION 2124	801 S HOOVER	CA HIST UST	Higher	1109, 0.210, South
L63	TOSCO - 76 STATION #	801 HOOVER ST S	CA LUST, CA HIST CORTESE	Higher	1109, 0.210, South
L64	SERVICE STATION 931	800 S HOOVER	CA FID UST	Higher	1157, 0.219, South
L65	SERVICE STATION 931	800 S HOOVER ST	CA SWEEPS UST, CA HIST UST	Higher	1157, 0.219, South
L66	FORMER INTERNATIONAL	800 HOOVER, SOUTH	CA LUST	Higher	1157, 0.219, South
M67	O E F INC	3055 WILSHIRE BLVD	RCRA-SQG, FINDS, ECHO, CA HAZNET	Higher	1200, 0.227, WNW
M68	OEF INC - WILSHIRE C	3055 WILSHIRE BLVD	MN MANIFEST	Higher	1200, 0.227, WNW
N69	WHITE ELEMENTARY SCH	2401 WILSHIRE BLVD	RCRA-LQG	Higher	1201, 0.227, ESE
N70	BELMONT/HOLLYWOOD EL	2401 WILSHIRE BOULEV	CA ENVIROSTOR, CA SCH	Higher	1201, 0.227, ESE
71	VENUS RECYCLING	2517 W 8TH ST	CA SWRCY	Higher	1349, 0.255, SSE
72	HOOVER STREET ELEMEN	2726 FRANCIS AVE	RCRA-SQG, CA ENVIROSTOR, CA SCH, FINDS, ECHO	Higher	1415, 0.268, South
73	HAMER BROS. AUTO REP	901 HOOVER, SOUTH	CA LUST	Lower	1762, 0.334, South
O74	CENTRAL REGION MACAR	PARK VIEW STREET/GRA	CA ENVIROSTOR, CA SCH	Higher	1812, 0.343, SE
O75	BELMONT/HOLLYWOOD PR	2300 WEST 7TH STREET	CA ENVIROSTOR, CA SCH	Higher	1832, 0.347, SE
76	SHATTO INVESTMENT CO	3151 006TH ST W	CA LUST, CA HIST CORTESE	Lower	1949, 0.369, WNW
77	BELMONT/HOLLYWOOD PR	310 SOUTH LAFAYETTE	CA ENVIROSTOR, CA SCH	Higher	2107, 0.399, NNE
78	MAC ARTHUR PARK	2230 6TH ST. W.	CA LUST	Higher	2186, 0.414, East

MAPPED SITES SUMMARY

Target Property Address:
625 S LAFAYETTE PARK PLACE
LOS ANGELES, CA 90005

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
P79	SHELL #204-4539-5906	700 VERMONT AVE S	CA LUST, CA HIST CORTESE	Lower	2216, 0.420, WSW
Q80	CENTRAL LOS ANGELES	450 SOUTH GRAND VIEW	CA ENVIROSTOR, CA SCH	Higher	2254, 0.427, East
81	WEST FOURTH STREET S	2424 WEST 4TH STREET	CA ENVIROSTOR	Higher	2278, 0.431, ENE
R82	SHRINERS HOSPITAL FO	3160 GENEVA STREET	CA LUST	Higher	2295, 0.435, NNW
S83	CHEVRON #9-1340	280 RAMPART BLVD S	CA LUST	Higher	2315, 0.438, NE
T84	CENTRAL LOS ANGELES	VERMONT AVENUE/WILSH	CA ENVIROSTOR, CA SCH	Lower	2337, 0.443, West
85	PARK VIEW VILLAGE	933 - 937 SOUTH PARK	CA ENVIROSTOR	Higher	2360, 0.447, South
Q86	HUMMING MOTORS	513-515 LAKE ST	CA LUST	Higher	2367, 0.448, East
Q87	HUMMING MOTORS	513-515 S LAKE ST	CA LUST	Higher	2367, 0.448, East
S88	PHILLIP 66 5779	2701 3RD STREET W	CA LUST	Higher	2398, 0.454, NE
T89	TEXACO STATION	3201 WILSHIRE	CA LUST, CA HIST CORTESE	Lower	2418, 0.458, West
T90	TEXACO SVC STA	3201 WILSHIRE BLVD	RCRA-SQG, CA LUST, CA SWEEPS UST, CA HIST UST, CA...	Lower	2418, 0.458, West
R91	LOS ANGELES SHRINERS	3169 GENEVA ST	CA LUST, CA HIST CORTESE	Higher	2421, 0.459, NNW
92	HERTZ RENT-A-CAR	643 S VERMONT AVE	CA LUST, CA SWEEPS UST, CA FID UST, CA HIST...	Lower	2431, 0.460, WNW
P93	TOSCO - 76 STATION #	703 VERMONT AVE S	CA LUST	Lower	2434, 0.461, WSW
P94	TOSCO/76 PRODUCTS ST	703 VERMONT	CA HIST CORTESE	Lower	2434, 0.461, WSW
95	CHEVRON STATION 9367	561 S VERMONT AVE	RCRA-SQG, CA LUST, FINDS, ECHO, CA HIST CORTESE	Lower	2530, 0.479, WNW
96	FORMER CHEVRON #3064	2101 8TH ST W	CA LUST, CA HIST CORTESE	Higher	2565, 0.486, ESE
97	COMMONWEALTH ELEMENT	215 SOUTH COMMONWEAL	CA ENVIROSTOR, CA SCH, CA HAZNET	Higher	3068, 0.581, North
98	CAMINO NUEVO CHARTER	3400 WEST 3RD STREET	CA ENVIROSTOR, CA SCH	Higher	3071, 0.582, NNW
99	CENTRAL LOS ANGELES	3400 WILSHIRE BOULEV	CA ENVIROSTOR, CA LUST, CA SCH, CA HIST CORTESE	Lower	4196, 0.795, West
U100	ESPERANZA LEARNING C	LITTLE STREET/INGRAM	CA ENVIROSTOR, CA SCH	Higher	4459, 0.845, ESE
101	BELMONT NEW ELEMENTA	680 LITTLE ST	CA ENVIROSTOR, CA SCH, CA HIST CORTESE	Higher	4483, 0.849, ESE
102	CAHUENGA ELEMENTARY	MARIPOSA AVENUE/FIFT	CA ENVIROSTOR, CA SCH	Lower	4521, 0.856, WNW
V103	RISE KOHYANG HIGH SC	3500 WEST 1ST STREET	CA ENVIROSTOR, CA SCH, CA SWEEPS UST, CA FID UST	Higher	4568, 0.865, NNW
U104	CENTRAL LOS ANGELES	UNION AVENUE/WILSHIR	CA ENVIROSTOR, CA SCH	Higher	4648, 0.880, ESE
105	BELMONT NEW PRIMARY	LAKE STREET/ROSELAKE	CA ENVIROSTOR, CA SCH	Higher	4669, 0.884, ENE
V106	CENTRAL REGION ELEME	COUNCIL STREET/JUANI	CA ENVIROSTOR, CA SCH, CA DEED	Higher	4780, 0.905, NNW
107	MONSENOR OSCAR ROMER	1157 SOUTH BERENDO S	CA ENVIROSTOR, CA SCH	Lower	4842, 0.917, SW
108	BELMONT NEW PRIMARY	218/220/222/224 N. J	CA ENVIROSTOR, CA SCH	Higher	4961, 0.940, NNW
109	HOBART/WILTON PRIMAR	SAN MARINO ST/OLYMPI	CA ENVIROSTOR, CA SCH	Lower	4987, 0.945, WSW
W110	NEWELL COLOUR	221 N. WESTMORLAND A	CA ENVIROSTOR	Higher	5126, 0.971, NNW
W111	VALUE CHARTER SCHOOL	221 NORTH WESTMORELA	CA ENVIROSTOR, CA VCP, CA SCH	Higher	5126, 0.971, NNW
112	BELMONT NEW ELEMENTA	NORTH VERMONT AVENUE	CA ENVIROSTOR, CA SCH	Higher	5220, 0.989, NNW
113	TRUST SERVICES OF AM	218,220,224 NORTH JU	CA ENVIROSTOR	Higher	5255, 0.995, NNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

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 landfill and/or solid waste disposal site lists

CA SWF/LF ---- Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST ---- Leaking Underground Storage Tanks on Indian Land
CA CPS-SLIC ---- Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST ---- Underground Storage Tank Listing
CA AST ---- Aboveground Petroleum Storage Tank Facilities
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 HAULERS ---- Registered Waste Tire Haulers Listing
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
ODI ---- Open Dump Inventory
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ---- Open Dumps on Indian Land

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
CA CERS HAZ WASTE ---- CERS HAZ WASTE

Local Lists of Registered Storage Tanks

CA CERS TANKS ---- California Environmental Reporting System (CERS) Tanks

EXECUTIVE SUMMARY

Local Land Records

CA LIENS	Environmental Liens Listing
LIENS 2	CERCLA Lien Information

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CA CHMIRS	California Hazardous Material Incident Report 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
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program 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 AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
CA Cortese	"Cortese" Hazardous Waste & Substances Sites List
CA CUPA Listings	CUPA Resources List
CA ENF	Enforcement Action Listing

CA Financial Assurance ..... Financial Assurance Information Listing
CA ICE ..... ICE
CA LOS ANGELES CO. HMS ..... HMS: Street Number List
CA HWP ..... EnviroStor Permitted Facilities Listing
CA HWT ..... Registered Hazardous Waste Transporter Database
CA MINES ..... Mines Site Location Listing
CA MWMP ..... Medical Waste Management Program Listing
CA NPDES ..... NPDES Permits Listing
CA PEST LIC ..... Pesticide Regulation Licenses Listing
CA PROC ..... Certified Processors Database
CA Notify 65 ..... Proposition 65 Records
LA Co. Site Mitigation ..... Site Mitigation List
CA UIC ..... UIC Listing
CA WASTEWATER PITS ..... Oil Wastewater Pits Listing
CA WDS ..... Waste Discharge System
CA WIP ..... Well Investigation Program Case List
CA CIWQS ..... California Integrated Water Quality System
CA WELL STIM PROJ ..... Well Stimulation Project (GEOTRACKER)
CA UIC GEO ..... UIC GEO (GEOTRACKER)
CA SAMPLING POINT ..... SAMPLING POINT (GEOTRACKER)
CA PROJECT ..... PROJECT (GEOTRACKER)
CA PROD WATER PONDS ..... PROD WATER PONDS (GEOTRACKER)
CA OTHER OIL GAS ..... OTHER OIL & GAS (GEOTRACKER)
CA NON-CASE INFO ..... NON-CASE INFO (GEOTRACKER)
CA CERS ..... CERS
CA MILITARY PRIV SITES ..... MILITARY PRIV SITES (GEOTRACKER)
CA WDR ..... Waste Discharge Requirements Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ..... EDR Proprietary Manufactured Gas Plants

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 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 03/01/2018 has revealed that there are 3 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
METROPOLITAN SKILLS EPA ID:: CAR000225649	2801 W 6TH ST	N 1/8 - 1/4 (0.148 mi.)	G37	44
MC ALISTER HIGH SCHO EPA ID:: CAR000241141	***611 S CARONDELET ST***	***E 1/8 - 1/4 (0.197 mi.)***	***57***	***72***
WHITE ELEMENTARY SCH EPA ID:: CAD981994619	2401 WILSHIRE BLVD	ESE 1/8 - 1/4 (0.227 mi.)	N69	110

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 03/01/2018 has revealed that there are 9 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHALOM VAN LEVY EPA ID:: CAD982470783	***671 SOUTH CORONADO***	***SE 0 - 1/8 (0.122 mi.)***	***F25***	***23***
PACIFIC BELL EPA ID:: CAT080023237	***720/740 RAMPART***	***S 1/8 - 1/4 (0.129 mi.)***	***E27***	***26***
LA BEST CLEANERS EPA ID:: CAD982434870	610 S RAMPART BLVD	ENE 1/8 - 1/4 (0.141 mi.)	C32	35
LA BEST CLEANERS EPA ID:: CAD983614306	***610 S RAMPART***	***ENE 1/8 - 1/4 (0.141 mi.)***	***C34***	***37***
LA ST BARNABUS CENTE EPA ID:: CAD981986466	***675 S CARONDELT ST***	***SE 1/8 - 1/4 (0.174 mi.)***	***F50***	***57***
TARGET STORE T3216 EPA ID:: CAR000278135	620 S VIRGIL AVE	NW 1/8 - 1/4 (0.188 mi.)	51	59
O E F INC EPA ID:: CAR000053884	***3055 WILSHIRE BLVD***	***WNW 1/8 - 1/4 (0.227 mi.)***	***M67***	***107***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LA FELIPE DE NEVE LI	***2820 W 6TH ST***	***N 1/8 - 1/4 (0.129 mi.)***	***G26***	***25***

EPA ID:: CAD981990369

CANNELL & CHAFFIN, I	***3000 WILSHIRE BLVD***	***WNW 1/8 - 1/4 (0.170 mi.)***	***H48***	***55***

EPA ID:: CAD981446768

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 07/30/2018 has revealed that there are 26 CA ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BELMONT/HOLLYWOOD EL Facility Id: 19820042 Status: Certified	***2401 WILSHIRE BOULEV***	***ESE 1/8 - 1/4 (0.227 mi.)***	***N70***	***112***
HOOVER STREET ELEMEN Facility Id: 19700002 Status: Certified	***2726 FRANCIS AVE***	***S 1/4 - 1/2 (0.268 mi.)***	***72***	***116***
CENTRAL REGION MACAR Facility Id: 60000831 Status: No Further Action	***PARK VIEW STREET/GRA***	***SE 1/4 - 1/2 (0.343 mi.)***	***O74***	***124***
BELMONT/HOLLYWOOD PR Facility Id: 19590002 Status: Certified	***2300 WEST 7TH STREET***	***SE 1/4 - 1/2 (0.347 mi.)***	***O75***	***127***
BELMONT/HOLLYWOOD PR Facility Id: 19880002 Status: No Further Action	***310 SOUTH LAFAYETTE***	***NNE 1/4 - 1/2 (0.399 mi.)***	***77***	***137***
CENTRAL LOS ANGELES Facility Id: 19730194 Status: No Further Action	***450 SOUTH GRAND VIEW***	***E 1/4 - 1/2 (0.427 mi.)***	***Q80***	***151***
WEST FOURTH STREET S Facility Id: 19490210 Status: Refer: Other Agency	2424 WEST 4TH STREET	ENE 1/4 - 1/2 (0.431 mi.)	81	156
PARK VIEW VILLAGE Facility Id: 19000022 Status: Refer: 1248 Local Agency	933 - 937 SOUTH PARK	S 1/4 - 1/2 (0.447 mi.)	85	166
COMMONWEALTH ELEMENT Facility Id: 19820033 Status: Certified / Operation & Maintenance	***215 SOUTH COMMONWEAL***	***N 1/2 - 1 (0.581 mi.)***	***97***	***214***
CAMINO NUEVO CHARTER	***3400 WEST 3RD STREET***	***NNW 1/2 - 1 (0.582 mi.)***	***98***	***227***

Facility Id: 60001568 Status: No Further Action				
ESPERANZA LEARNING C Facility Id: 19820025 Status: No Action Required	***LITTLE STREET/INGRAM***	***ESE 1/2 - 1 (0.845 mi.)***	***U100***	***265***
BELMONT NEW ELEMENTA Facility Id: 19750071 Status: Certified	***680 LITTLE ST***	***ESE 1/2 - 1 (0.849 mi.)***	***101***	***267***
RISE KOHYANG HIGH SC Facility Id: 60002695 Status: Active	***3500 WEST 1ST STREET***	***NNW 1/2 - 1 (0.865 mi.)***	***V103***	***278***
CENTRAL LOS ANGELES Facility Id: 19550021 Status: Certified	***UNION AVENUE/WILSHIR***	***ESE 1/2 - 1 (0.880 mi.)***	***U104***	***281***
BELMONT NEW PRIMARY Facility Id: 19880022 Status: No Further Action	***LAKE STREET/ROSELAKE***	***ENE 1/2 - 1 (0.884 mi.)***	***105***	***291***
CENTRAL REGION ELEME Facility Id: 60000872 Status: Active	***COUNCIL STREET/JUANI***	***NNW 1/2 - 1 (0.905 mi.)***	***V106***	***295***
BELMONT NEW PRIMARY Facility Id: 19390060 Status: No Action Required	***218/220/222/224 N. J***	***NNW 1/2 - 1 (0.940 mi.)***	***108***	***323***
NEWELL COLOUR Facility Id: 71003148 Status: Refer: Other Agency	221 N. WESTMORLAND A	NNW 1/2 - 1 (0.971 mi.)	W110	327
VALUE CHARTER SCHOOL Facility Id: 19270328 Facility Id: 19730196 Status: Inactive - Action Required Status: Certified	***221 NORTH WESTMORELA***	***NNW 1/2 - 1 (0.971 mi.)***	***W111***	***328***
BELMONT NEW ELEMENTA Facility Id: 19590008 Status: Certified	***NORTH VERMONT AVENUE***	***NNW 1/2 - 1 (0.989 mi.)***	***112***	***334***
TRUST SERVICES OF AM Facility Id: 19290296 Status: Refer: Other Agency	218,220,224 NORTH JU	NNW 1/2 - 1 (0.995 mi.)	113	340

Lower Elevation	Address	Direction / Distance	Map ID	Page
CENTRAL LOS ANGELES Facility Id: 19650018 Status: Certified	***VERMONT AVENUE/WILSH***	***W 1/4 - 1/2 (0.443 mi.)***	***T84***	***162***
CENTRAL LOS ANGELES Facility Id: 19700001 Status: Certified / Operation & Maintenance	***3400 WILSHIRE BOULEV***	***W 1/2 - 1 (0.795 mi.)***	***99***	***232***
CAHUENGA ELEMENTARY Facility Id: 19890016 Status: Inactive - Needs Evaluation	***MARIPOSA AVENUE/FIFT***	***WNW 1/2 - 1 (0.856 mi.)***	***102***	***275***
MONSENOR OSCAR ROMER	***1157 SOUTH BERENDO S***	***SW 1/2 - 1 (0.917 mi.)***	***107***	***318***

Facility Id: 60001988
Status: No Further Action

HOBART/WILTON PRIMAR ***SAN MARINO ST/OLYMPI*** ***WSW 1/2 - 1 (0.945 mi.)*** ***109*** ***325***
Facility Id: 19750097
Status: Inactive - Needs Evaluation

State and tribal leaking storage tank lists

CA LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CA LUST list, as provided by EDR, has revealed that there are 27 CA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TIDES SENIOR APARTME	623 RAMPART BLVD S	ENE 0 - 1/8 (0.089 mi.)	C12	12
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 09/10/2018 Status: Completed - Case Closed Facility Id: 900570225 Status: Pollution Characterization Global Id: T0603721417 Global ID: T0603721417				
STATE COMPENSATION I	***600 LAFAYETTE PARK P***	***NE 0 - 1/8 (0.091 mi.)***	***C14***	***16***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 09/10/2018 Status: Completed - Case Closed Facility Id: 900560016 Status: Case Closed Global Id: T0603701124 Global ID: T0603701124				
PACIFIC BELL TELEPHO	720 RAMPART BLVD, SO	S 0 - 1/8 (0.121 mi.)	D23	21
Database: LUST, Date of Government Version: 09/10/2018 Status: Completed - Case Closed Global Id: T0603766334				
PACIFIC BELL	***720/740 RAMPART***	***S 1/8 - 1/4 (0.129 mi.)***	***E27***	***26***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 09/10/2018 Status: Completed - Case Closed Facility Id: 900570116 Status: Case Closed Global Id: T0603701134 Global ID: T0603701134				
CHEVRON #9-1446	***2525 WILSHIRE BLVD***	***E 1/8 - 1/4 (0.152 mi.)***	***I42***	***49***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 09/10/2018 Status: Completed - Case Closed Facility Id: 900570043 Status: Case Closed				

Global Id: T0603701128
Global ID: T0603701128

CARPENTERS TRUST	***2951 006TH ST W***	***NNW 1/8 - 1/4 (0.201 mi.)***	***K58***	***74***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/10/2018
Status: Completed - Case Closed
Facility Id: 900180025
Status: Remediation Plan
Global Id: T0603700601
Global ID: T0603700601

TOSCO - 76 STATION #	***801 HOOVER ST S***	***S 1/8 - 1/4 (0.210 mi.)***	***L63***	***88***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/10/2018
Status: Open - Remediation
Facility Id: 900050034
Status: Remediation Plan
Global Id: T0603700465
Global ID: T0603700465

FORMER INTERNATIONAL	800 HOOVER, SOUTH	S 1/8 - 1/4 (0.219 mi.)	L66	103

Database: LUST, Date of Government Version: 09/10/2018
Status: Open - Site Assessment
Global Id: T10000004605

MAC ARTHUR PARK	2230 6TH ST. W.	E 1/4 - 1/2 (0.414 mi.)	78	140

Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/10/2018
Status: Completed - Case Closed
Facility Id: 900570216
Status: Case Closed
Global Id: T0603739908
Global ID: T0603739908

SHRINERS HOSPITAL FO	3160 GENEVA STREET	NNW 1/4 - 1/2 (0.435 mi.)	R82	157

Database: LUST, Date of Government Version: 09/10/2018
Status: Completed - Case Closed
Global Id: T10000002995

CHEVRON #9-1340	280 RAMPART BLVD S	NE 1/4 - 1/2 (0.438 mi.)	S83	160

Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/10/2018
Status: Completed - Case Closed
Facility Id: 900570025
Status: Case Closed
Global Id: T0603701126
Global ID: T0603701126

HUMMING MOTORS	513-515 LAKE ST	E 1/4 - 1/2 (0.448 mi.)	Q86	167

Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: 900570198
Status: Case Closed
Global ID: T0603799310

HUMMING MOTORS	513-515 S LAKE ST	E 1/4 - 1/2 (0.448 mi.)	Q87	168

Database: LUST, Date of Government Version: 09/10/2018
Status: Completed - Case Closed
Global Id: T0603799310

PHILLIP 66 5779	2701 3RD STREET W	NE 1/4 - 1/2 (0.454 mi.)	S88	170

Database: LUST, Date of Government Version: 09/10/2018

Status: Open - Site Assessment
Global Id: T10000010816

LOS ANGELES SHRINERS ***3169 GENEVA ST*** ***NNW 1/4 - 1/2 (0.459 mi.)*** ***R91*** ***183***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/10/2018
Status: Completed - Case Closed
Facility Id: 900200016
Status: Case Closed
Global Id: T0603700628
Global ID: T0603700628

FORMER CHEVRON #3064 ***2101 8TH ST W*** ***ESE 1/4 - 1/2 (0.486 mi.)*** ***96*** ***200***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/10/2018
Status: Open - Remediation
Facility Id: 900570152
Status: Remedial action (cleanup) Underway
Global Id: T0603701137
Global ID: T0603701137

Lower Elevation	Address	Direction / Distance	Map ID	Page

SHERATON TOWN HOUSE ***2961 WILSHIRE BLVD*** ***WNW 1/8 - 1/4 (0.146 mi.)*** ***H35*** ***40***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/10/2018
Status: Completed - Case Closed
Facility Id: 900100061
Status: Case Closed
Global Id: T0603700488
Global ID: T0603700488

WILLIAM K SHIMABUKU ***3033 WILSHIRE BLVD*** ***WNW 1/8 - 1/4 (0.191 mi.)*** ***H53*** ***64***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: 900100089
Status: Pollution Characterization
Global ID: T0603791315

SERVICE STATION 1000 ***3033 WILSHIRE BLVD*** ***WNW 1/8 - 1/4 (0.191 mi.)*** ***H55*** ***67***
Database: LUST, Date of Government Version: 09/10/2018
Status: Completed - Case Closed
Global Id: T0603791315

HAMER BROS. AUTO REP 901 HOOVER, SOUTH S 1/4 - 1/2 (0.334 mi.) 73 121
Database: LUST, Date of Government Version: 09/10/2018
Status: Completed - Case Closed
Global Id: T10000002438

SHATTO INVESTMENT CO ***3151 006TH ST W*** ***WNW 1/4 - 1/2 (0.369 mi.)*** ***76*** ***130***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/10/2018
Status: Completed - Case Closed
Facility Id: 900200125
Status: Remedial action (cleanup) Underway
Global Id: T0603700639
Global ID: T0603700639

SHELL #204-4539-5906 ***700 VERMONT AVE S*** ***WSW 1/4 - 1/2 (0.420 mi.)*** ***P79*** ***143***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/10/2018

Status: Completed - Case Closed
Facility Id: 900050016
Status: Pollution Characterization
Global Id: T0603700463
Global ID: T0603700463

TEXACO STATION ***3201 WILSHIRE*** ***W 1/4 - 1/2 (0.458 mi.)*** ***T89*** ***172***
Database: LUST, Date of Government Version: 09/10/2018
Status: Completed - Case Closed
Global Id: T0603700484
Global Id: T0603712843

TEXACO SVC STA ***3201 WILSHIRE BLVD*** ***W 1/4 - 1/2 (0.458 mi.)*** ***T90*** ***177***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: 900100016
Status: Case Closed
Global ID: T0603700484

HERTZ RENT-A-CAR ***643 S VERMONT AVE*** ***WNW 1/4 - 1/2 (0.460 mi.)*** ***92*** ***185***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/10/2018
Status: Completed - Case Closed
Facility Id: 900050043
Status: Case Closed
Global Id: T0603700466
Global ID: T0603700466

TOSCO - 76 STATION # 703 VERMONT AVE S WSW 1/4 - 1/2 (0.461 mi.) P93 188
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/10/2018
Status: Completed - Case Closed
Facility Id: 900050089
Status: Pollution Characterization
Global Id: T0603700470
Global ID: T0603700470

CHEVRON STATION 9367 ***561 S VERMONT AVE*** ***WNW 1/4 - 1/2 (0.479 mi.)*** ***95*** ***196***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/10/2018
Status: Completed - Case Closed
Facility Id: 900200107
Status: Case Closed
Global Id: T0603700637
Global ID: T0603700637

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, has revealed that there are 5 CA UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN RED CROSS L	***2700 WILSHIRE BLVD***	***ESE 0 - 1/8 (0.059 mi.)***	***B7***	***10***

Database: UST, Date of Government Version: 09/10/2018

Facility Id: 25110

PACIFIC BELL	***720 S RAMPART BLVD***	***S 0 - 1/8 (0.121 mi.)***	***D24***	***22***
Database: UST, Date of Government Version: 09/10/2018 Facility Id: 24446 Facility Id: FA0001773				
AMERICAN RED CROSS	2614 W 7TH ST	SSE 1/8 - 1/4 (0.151 mi.)	D38	45
Database: UST, Date of Government Version: 09/10/2018 Facility Id: 25104				
YS 76 AUTOCARE	801 S HOOVER ST	S 1/8 - 1/4 (0.210 mi.)	L61	87
Database: UST, Date of Government Version: 09/10/2018 Facility Id: 24177				

Lower Elevation	Address	Direction / Distance	Map ID	Page
TOSCO CORPORATION #3	3033 WILSHIRE BLVD	WNW 1/8 - 1/4 (0.191 mi.)	H54	67
Database: UST, Date of Government Version: 09/10/2018 Facility Id: 24196				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

CA SWRCY: A listing of recycling facilities in California.

A review of the CA SWRCY list, as provided by EDR, and dated 06/11/2018 has revealed that there is 1 CA SWRCY site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VENUS RECYCLING Cert Id: RC10421	2517 W 8TH ST	SSE 1/4 - 1/2 (0.255 mi.)	71	115

Local Lists of Hazardous waste / Contaminated Sites

CA SCH: 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.

A review of the CA SCH list, as provided by EDR, and dated 07/30/2018 has revealed that there is 1 CA SCH site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BELMONT/HOLLYWOOD EL Facility Id: 19820042 Status: Certified	***2401 WILSHIRE BOULEV***	***ESE 1/8 - 1/4 (0.227 mi.)***	***N70***	***112***

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 14 CA SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN RED CROSS L Status: A Comp Number: 7408	***2700 WILSHIRE BLVD***	***ESE 0 - 1/8 (0.059 mi.)***	***B7***	***10***
UNK Comp Number: 7799	***600 S LAFAYETTE PARK***	***NE 0 - 1/8 (0.091 mi.)***	***C13***	***16***
PACIFIC BELL Status: A Comp Number: 5819	***720 S RAMPART BLVD***	***S 0 - 1/8 (0.121 mi.)***	***D24***	***22***
PACIFIC BELL Comp Number: 6617	***720/740 RAMPART***	***S 1/8 - 1/4 (0.129 mi.)***	***E27***	***26***
CHEVRON USA Comp Number: 7002	2601 WILSHIRE BLVD	E 1/8 - 1/4 (0.132 mi.)	C28	33
MR FAYES N ENABE Comp Number: 7180	***610 S RAMPART BLVD***	***ENE 1/8 - 1/4 (0.141 mi.)***	***C33***	***37***
AMERICAN RED CROSS / Status: A Comp Number: 5683	***2614 W 7TH ST***	***SSE 1/8 - 1/4 (0.151 mi.)***	***D39***	***45***
91446-CHEVRON STATIO Comp Number: 3499	***2525 WILSHIRE BLVD***	***E 1/8 - 1/4 (0.152 mi.)***	***I41***	***47***
CARPENTERS PENSION T Comp Number: 7249	***2951 W 6TH ST***	***NNW 1/8 - 1/4 (0.195 mi.)***	***K56***	***71***
FORMER UNOCAL 351679 Status: A Comp Number: 1754	***801 S HOOVER ST***	***S 1/8 - 1/4 (0.210 mi.)***	***L59***	***81***
SERVICE STATION 931 Status: A Tank Status: A Comp Number: 519	***800 S HOOVER ST***	***S 1/8 - 1/4 (0.219 mi.)***	***L65***	***101***

Lower Elevation	Address	Direction / Distance	Map ID	Page
KYO-YA CO Comp Number: 7949	***2961 W WILSHIRE BLVD***	***WNW 1/8 - 1/4 (0.146 mi.)***	***H36***	***43***
UNK Comp Number: 7641	***2975 WILSHIRE***	***WNW 1/8 - 1/4 (0.155 mi.)***	***H47***	***54***
WILLIAM K SHIMABUKU Status: A Tank Status: A Comp Number: 314	***3033 WILSHIRE BLVD***	***WNW 1/8 - 1/4 (0.191 mi.)***	***H53***	***64***

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 7 CA HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PACIFIC BELL	***720/740 RAMPART***	***S 1/8 - 1/4 (0.129 mi.)***	***E27***	***26***
Facility Id: 00000061249				
91446	2525 WILSHIRE BLVD	E 1/8 - 1/4 (0.152 mi.)	I40	46
Facility Id: 00000062061				
UNOCAL SERVICE STATI	***801 S HOOVER***	***S 1/8 - 1/4 (0.210 mi.)***	***L60***	***85***
SERVICE STATION 2124	801 S HOOVER	S 1/8 - 1/4 (0.210 mi.)	L62	87
Facility Id: 00000029351				
Facility Id: 00000055748				
SERVICE STATION 931	***800 S HOOVER ST***	***S 1/8 - 1/4 (0.219 mi.)***	***L65***	***101***
Facility Id: 00000005117				

Lower Elevation	Address	Direction / Distance	Map ID	Page
WILLIAM K SHIMABUKU	***3033 WILSHIRE BLVD***	***WNW 1/8 - 1/4 (0.191 mi.)***	***H53***	***64***
SERVICE STATION 1000	***3033 WILSHIRE BLVD***	***WNW 1/8 - 1/4 (0.191 mi.)***	***H55***	***67***
Facility Id: 00000055776				
Facility Id: 00000003905				

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 12 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN RED CROSS L	2700 WILSHIRE BLVD	ESE 0 - 1/8 (0.059 mi.)	B5	10
Facility Id: 19056498				
Status: A				
UNK	***600 S LAFAYETTE PARK***	***NE 0 - 1/8 (0.091 mi.)***	***C13***	***16***
Facility Id: 19003378				
Status: I				
PACIFIC BELL	***720/740 RAMPART***	***S 1/8 - 1/4 (0.129 mi.)***	***E27***	***26***
Facility Id: 19003043				
Facility Id: 19054510				
Status: A				
Status: I				
MR FAYES N ENABE	***610 S RAMPART BLVD***	***ENE 1/8 - 1/4 (0.141 mi.)***	***C33***	***37***
Facility Id: 19033345				
Status: I				
AMERICAN RED CROSS /	***2614 W 7TH ST***	***SSE 1/8 - 1/4 (0.151 mi.)***	***D39***	***45***
Facility Id: 19056110				
Status: A				
91446-CHEVRON STATIO	***2525 WILSHIRE BLVD***	***E 1/8 - 1/4 (0.152 mi.)***	***I41***	***47***
Facility Id: 19053965				

Status: I

CARPENTERS PENSION T Facility Id: 19007899 Status: I	***2951 W 6TH ST***	***NNW 1/8 - 1/4 (0.195 mi.)***	***K56***	***71***
FORMER UNOCAL 351679 Facility Id: 19002605 Status: A	***801 S HOOVER ST***	***S 1/8 - 1/4 (0.210 mi.)***	***L59***	***81***
SERVICE STATION 931 Facility Id: 19047189 Status: A	800 S HOOVER	S 1/8 - 1/4 (0.219 mi.)	L64	101

Lower Elevation	Address	Direction / Distance	Map ID	Page
KYO-YA CO Facility Id: 19013392 Status: I	***2961 W WILSHIRE BLVD***	***WNW 1/8 - 1/4 (0.146 mi.)***	***H36***	***43***
UNK Facility Id: 19004792 Status: I	***2975 WILSHIRE***	***WNW 1/8 - 1/4 (0.155 mi.)***	***H47***	***54***
WILLIAM K SHIMABUKU Facility Id: 19023150 Status: A	***3033 WILSHIRE BLVD***	***WNW 1/8 - 1/4 (0.191 mi.)***	***H53***	***64***

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 03/01/2018 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PACIFIC BELL EPA ID:: CAT080023120	***3020 WILSHIRE BLVD***	***W 1/8 - 1/4 (0.190 mi.)***	***52***	***62***

CA DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the CA DRYCLEANERS list, as provided by EDR, has revealed that there are 9 CA DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LA BEST DRY CLEANERS Database: DRYCLEAN SOUTH COAST, Date of Government Version: 08/24/2018	610 S RAMPART BLVD #	ENE 1/8 - 1/4 (0.141 mi.)	C29	34

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
L A BEST DRY CLEANER Database: DRYCLEAN SOUTH COAST, Date of Government Version: 08/24/2018	610 S RAMPART BLVD	ENE 1/8 - 1/4 (0.141 mi.)	C30	34
LA BEST DRY CLEAN Database: DRYCLEAN SOUTH COAST, Date of Government Version: 08/24/2018	610 S RAMPART BLVD #	ENE 1/8 - 1/4 (0.141 mi.)	C31	35
LA BEST CLEANERS Database: DRYCLEANERS, Date of Government Version: 05/31/2018 EPA Id: CAL000262904 EPA Id: CAL000341154	***610 S RAMPART***	***ENE 1/8 - 1/4 (0.141 mi.)***	***C34***	***37***

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE CLEANING STORE Database: DRYCLEAN SOUTH COAST, Date of Government Version: 08/24/2018	528 S OCCIDENTAL BLV	N 1/8 - 1/4 (0.155 mi.)	J43	51
CLEANING STORE THE Database: DRYCLEANERS, Date of Government Version: 05/31/2018 EPA Id: CAL000030170 EPA Id: CAL000350540 EPA Id: CAL000364721	528 S OCCIDENTAL BLV	N 1/8 - 1/4 (0.155 mi.)	J44	52
E- Z 4 U CLEANERS, M Database: DRYCLEAN SOUTH COAST, Date of Government Version: 08/24/2018	528 S OCCIDENTAL BLV	N 1/8 - 1/4 (0.155 mi.)	J45	53
OCCIDENTAL CLEANERS, Database: DRYCLEAN SOUTH COAST, Date of Government Version: 08/24/2018	528 S OCCIDENTAL BLV	N 1/8 - 1/4 (0.155 mi.)	J46	54
THE CLEANING STORE Database: DRYCLEAN SOUTH COAST, Date of Government Version: 08/24/2018	520 S OCCIDENTAL BLV	N 1/8 - 1/4 (0.172 mi.)	J49	57

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 14 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STATE COMPENSATION I Reg Id: 900560016	***600 LAFAYETTE PARK P***	***NE 0 - 1/8 (0.091 mi.)***	***C14***	***16***
PACIFIC BELL Reg Id: 900570116	***720/740 RAMPART***	***S 1/8 - 1/4 (0.129 mi.)***	***E27***	***26***
CHEVRON #9-1446 Reg Id: 900570043	***2525 WILSHIRE BLVD***	***E 1/8 - 1/4 (0.152 mi.)***	***I42***	***49***
CARPENTERS TRUST Reg Id: 900180025	***2951 006TH ST W***	***NNW 1/8 - 1/4 (0.201 mi.)***	***K58***	***74***
TOSCO - 76 STATION # Reg Id: 900050034	***801 HOOVER ST S***	***S 1/8 - 1/4 (0.210 mi.)***	***L63***	***88***
LOS ANGELES SHRINERS Reg Id: 900200016	***3169 GENEVA ST***	***NNW 1/4 - 1/2 (0.459 mi.)***	***R91***	***183***
FORMER CHEVRON #3064	***2101 8TH ST W***	***ESE 1/4 - 1/2 (0.486 mi.)***	***96***	***200***

Reg Id: 900570152

Lower Elevation	Address	Direction / Distance	Map ID	Page
SHERATON TOWN HOUSE Reg Id: 900100061	***2961 WILSHIRE BLVD***	***WNW 1/8 - 1/4 (0.146 mi.)***	***H35***	***40***
SHATTO INVESTMENT CO Reg Id: 900200125	***3151 006TH ST W***	***WNW 1/4 - 1/2 (0.369 mi.)***	***76***	***130***
SHELL #204-4539-5906 Reg Id: 900050016	***700 VERMONT AVE S***	***WSW 1/4 - 1/2 (0.420 mi.)***	***P79***	***143***
TEXACO STATION Reg Id: 900100016	***3201 WILSHIRE***	***W 1/4 - 1/2 (0.458 mi.)***	***T89***	***172***
HERTZ RENT-A-CAR Reg Id: 900050043	***643 S VERMONT AVE***	***WNW 1/4 - 1/2 (0.460 mi.)***	***92***	***185***
TOSCO/76 PRODUCTS ST Reg Id: 900050089	703 VERMONT	WSW 1/4 - 1/2 (0.461 mi.)	P94	196
CHEVRON STATION 9367 Reg Id: 900200107	***561 S VERMONT AVE***	***WNW 1/4 - 1/2 (0.479 mi.)***	***95***	***196***

MN MANIFEST: Hazardous waste manifest data.

A review of the MN MANIFEST list, as provided by EDR, and dated 06/30/2016 has revealed that there is 1 MN MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OEF INC - WILSHIRE C	3055 WILSHIRE BLVD	WNW 1/8 - 1/4 (0.227 mi.)	M68	109

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 6 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MOOR M J	2700 WILSHIRE BLVD	ESE 0 - 1/8 (0.059 mi.)	B6	10
BP & BK CORP	2619 WILSHIRE BLVD	E 0 - 1/8 (0.104 mi.)	C15	19
EAST L E	2635 W 7TH ST	SSE 0 - 1/8 (0.111 mi.)	D16	19
ARMSTRONG OLIVER	2617 W 7TH ST	SSE 0 - 1/8 (0.117 mi.)	D20	20

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
TUCHMAN TEXACO SERVI	2801 W 7TH ST	S 0 - 1/8 (0.046 mi.)	A1	9
BURNS ROBT	730 H HOOVER	S 0 - 1/8 (0.116 mi.)	E18	20

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 11 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KELLEY VIRGINIA M	2722 W 7TH ST	S 0 - 1/8 (0.066 mi.)	A8	11
THOMAS O W CO	2706 W 7TH ST	S 0 - 1/8 (0.073 mi.)	A10	11
TERNOV SAM	2626 W 7TH ST	SSE 0 - 1/8 (0.113 mi.)	D17	19
STOCKHOLM EDW	2619 W 7TH ST	SSE 0 - 1/8 (0.116 mi.)	D19	20
LOUIS M J	2613 W 7TH ST	SSE 0 - 1/8 (0.119 mi.)	D21	20
LA MAE CLEANERS	2609 W 7TH ST	SSE 0 - 1/8 (0.120 mi.)	D22	20

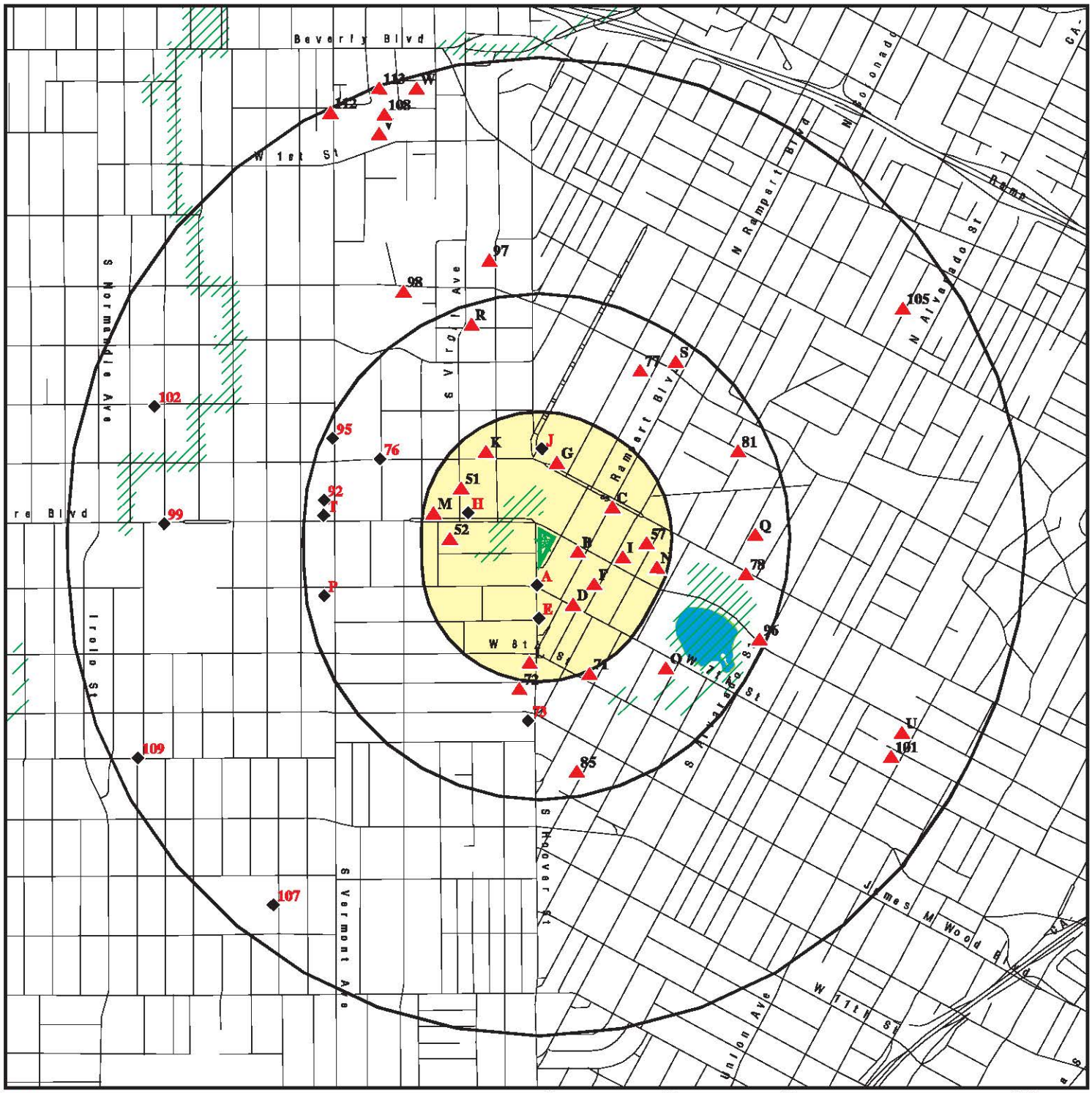
Lower Elevation	Address	Direction / Distance	Map ID	Page
BECKER ISIDORE	2725 W 7TH ST	S 0 - 1/8 (0.049 mi.)	A2	9
ELITE DRY CLEANERS	2719 W 7TH ST	S 0 - 1/8 (0.050 mi.)	A3	9
WEISBART A R	2724 W 7TH ST	S 0 - 1/8 (0.057 mi.)	A4	9
DICKHONER OTTO	708 S HOOVER ST	S 0 - 1/8 (0.069 mi.)	A9	11
LOY YUEN	710 S HOOVER ST	S 0 - 1/8 (0.077 mi.)	A11	11

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
SOUTHERN CALIFORNIA DISPOSAL	CA SWF/LF

OVERVIEW MAP - 5448467.2S



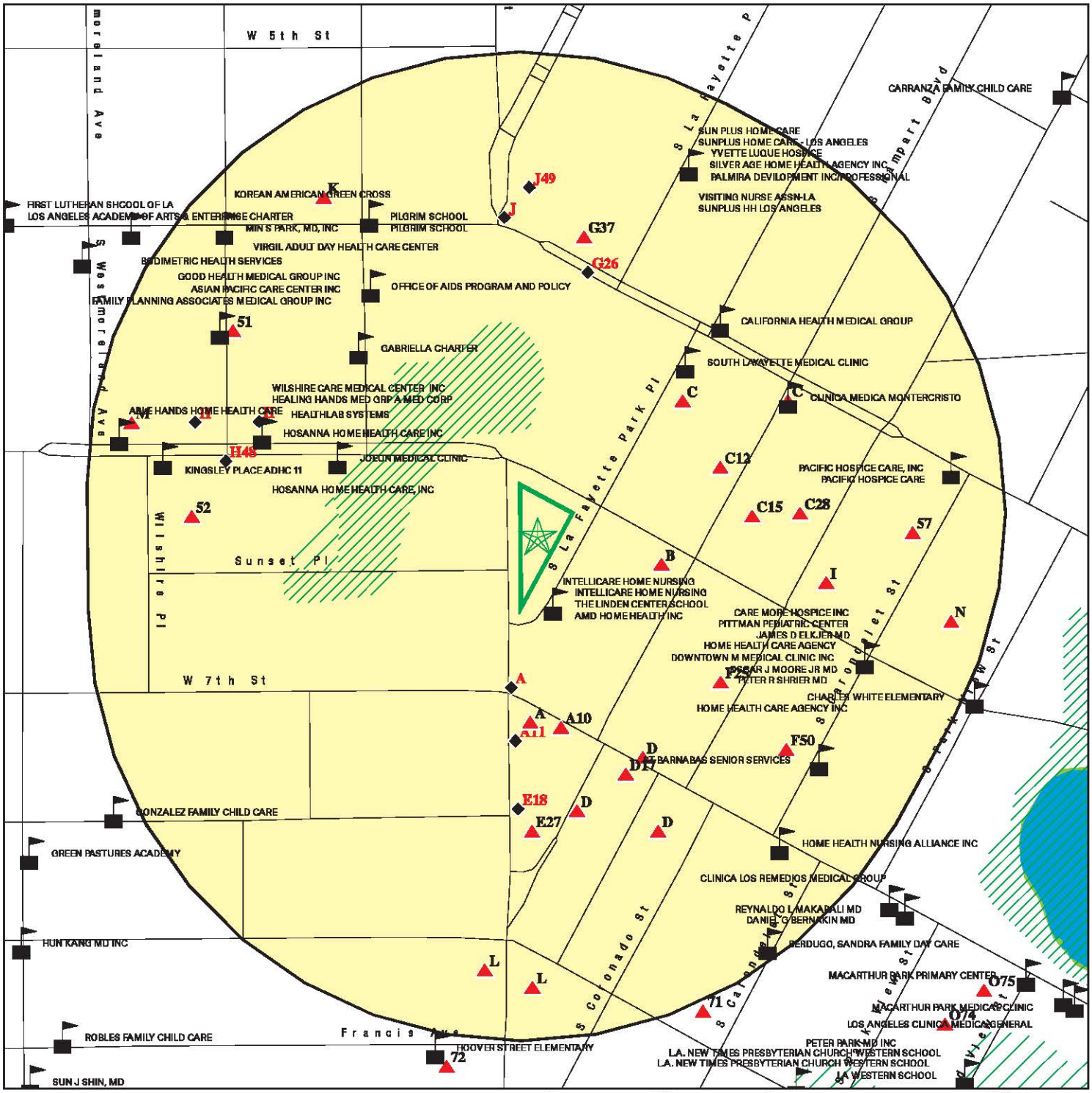
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Upgradient Area
- 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: LABOE Lafayette Park Place	CLIENT: AECOM
ADDRESS: 625 S Lafayette Park Place Los Angeles CA 90005	CONTACT: JESSICA HIMEBAUCH
LAT/LONG: 34.061096 / 118.283903	INQUIRY #: 5448467.2s DATE: October 09, 2018 4:44 pm

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DETAIL MAP - 5448467.2S



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

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: LABOE Lafayette Park Place	CLIENT: AECOM
ADDRESS: 625 S Lafayette Park Place Los Angeles CA 90005	CONTACT: JESSICA HIMEBAUCH
LAT/LONG: 34.061096 / 118.283903	INQUIRY #: 5448467.2s DATE: October 09, 2018 4:52 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		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	3	NR	NR	NR	3
RCRA-SQG	0.250		1	8	NR	NR	NR	9
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		0	1	8	17	NR	26
State and tribal landfill and/or solid waste disposal site lists								
CA SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
CA LUST	0.500		3	8	16	NR	NR	27

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 CPS-SLIC	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		2	3	NR	NR	NR	5
CA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
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	1	NR	NR	1
CA HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	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	1	NR	NR	NR	1
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
CA CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA SWEEPS UST	0.250		3	11	NR	NR	NR	14
CA HIST UST	0.250		0	7	NR	NR	NR	7
CA FID UST	0.250		2	10	NR	NR	NR	12
CA CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
CA LIENS	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
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
CA CHMIRS	TP		NR	NR	NR	NR	NR	0
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	1	NR	NR	NR	1
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
ABANDONED 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
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CA Cortese	0.500		0	0	0	NR	NR	0
CA CUPA Listings	0.250		0	0	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 DRYCLEANERS	0.250		0	9	NR	NR	NR	9
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		NR	NR	NR	NR	NR	0
CA ICE	TP		NR	NR	NR	NR	NR	0
CA HIST CORTESE	0.500		1	5	8	NR	NR	14
CA LOS ANGELES CO. HMS	TP		NR	NR	NR	NR	NR	0
CA HWP	1.000		0	0	0	0	NR	0
CA HWT	0.250		0	0	NR	NR	NR	0
MN MANIFEST	0.250		0	1	NR	NR	NR	1
CA MINES	0.250		0	0	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
CA CIWQS	TP		NR	NR	NR	NR	NR	0
CA WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
CA UIC GEO	TP		NR	NR	NR	NR	NR	0
CA SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
CA PROJECT	TP		NR	NR	NR	NR	NR	0
CA PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
CA OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
CA NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
CA CERS	TP		NR	NR	NR	NR	NR	0
CA MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
CA WDR	TP		NR	NR	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		6	NR	NR	NR	NR	6
EDR Hist Cleaner	0.125		11	NR	NR	NR	NR	11
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 --		0	29	68	33	17	0	147

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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **TUCHMAN TEXACO SERVICE** **EDR Hist Auto** **1020331377**
South **2801 W 7TH ST** **N/A**
< 1/8 **LOS ANGELES, CA 90005**
0.046 mi.
243 ft. **Site 1 of 8 in cluster A**

Relative: EDR Hist Auto
Lower

Actual: **260 ft.**

Year:	Name:	Type:
1969	TUCHMAN TEXACO SERVICE	Gasoline Service Stations
1970	TUCHMAN TEXACO SERVICE	Gasoline Service Stations
1971	TUCHMAN TEXACO SERVICE	Gasoline Service Stations
1972	TUCHMAN TEXACO SERVICE	Gasoline Service Stations
1973	TUCHMAN TEXACO SERVICE	Gasoline Service Stations
1974	TUCHMAN TEXACO SERVICE	Gasoline Service Stations
1975	TUCHMAN TEXACO SERVICE	Gasoline Service Stations
1976	TUCHMAN TEXACO SERVICE	Gasoline Service Stations
1977	TUCHMAN TEXACO SERVICE	Gasoline Service Stations

A2 **BECKER ISIDORE** **EDR Hist Cleaner** **1009189709**
South **2725 W 7TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.049 mi.
261 ft. **Site 2 of 8 in cluster A**

Relative: EDR Hist Cleaner
Lower

Actual: **261 ft.**

Year:	Name:	Type:
1933	BECKER ISIDORE	LAUNDRIES HAND

A3 **ELITE DRY CLEANERS** **EDR Hist Cleaner** **1009187740**
South **2719 W 7TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.050 mi.
262 ft. **Site 3 of 8 in cluster A**

Relative: EDR Hist Cleaner
Lower

Actual: **262 ft.**

Year:	Name:	Type:
1924	ELITE DRY CLEANERS	CLOTHES CLEANERS PRESSERS AND DYERS
1933	FEINBERG ABR	CLOTHES PRESSERS AND CLEANERS

A4 **WEISBART A R** **EDR Hist Cleaner** **1009192687**
South **2724 W 7TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.057 mi.
299 ft. **Site 4 of 8 in cluster A**

Relative: EDR Hist Cleaner
Lower

Actual: **261 ft.**

Year:	Name:	Type:
1937	WEISBART A R	LAUNDRIES HAND
1979	WILSHIRE DYE WORKS	Garment Pressing And Cleaners' Agents
1980	WILSHIRE DYE WORKS	Garment Pressing And Cleaners' Agents
1982	WILSHIRE DYE WORKS	Garment Pressing And Cleaners' Agents

B5 **AMERICAN RED CROSS LA CHAPTER** **CA FID UST** **S101588256**
ESE **2700 WILSHIRE BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90057**
0.059 mi.
313 ft. **Site 1 of 3 in cluster B**

Relative: **Higher**
Actual: **275 ft.**

CA FID UST:

Facility ID:	19056498
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137395651
Mail To:	Not reported
Mailing Address:	2700 WILSHIRE BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900570000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

B6 **MOOR M J** **EDR Hist Auto** **1009082168**
ESE **2700 WILSHIRE BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.059 mi.
313 ft. **Site 2 of 3 in cluster B**

Relative: **Higher**
Actual: **275 ft.**

EDR Hist Auto

Year:	Name:	Type:
1942	MOOR M J	GASOLINE AND OIL SERVICE STATIONS

B7 **AMERICAN RED CROSS LA CHAPTER** **CA UST** **U003781410**
ESE **2700 WILSHIRE BLVD** **CA SWEEPS UST** **N/A**
< 1/8 **LOS ANGELES, CA 90057**
0.059 mi.
313 ft. **Site 3 of 3 in cluster B**

Relative: **Higher**
Actual: **275 ft.**

UST:

Facility ID:	25110
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.06204
Longitude:	-118.281413

SWEEPS UST:

Status:	Active
Comp Number:	7408
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-22-93
Action Date:	03-18-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported

AMERICAN RED CROSS LA CHAPTER (Continued) **U003781410**

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

A8 **KELLEY VIRGINIA M** **EDR Hist Cleaner** **1009189991**
South **2722 W 7TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.066 mi.
349 ft. **Site 5 of 8 in cluster A**

Relative: EDR Hist Cleaner
Higher

Actual: Year: Name: Type:
263 ft. 1933 KELLEY VIRGINIA M CLOTHES PRESSERS AND CLEANERS

A9 **DICKHONER OTTO** **EDR Hist Cleaner** **1009189728**
South **708 S HOOVER ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.069 mi.
362 ft. **Site 6 of 8 in cluster A**

Relative: EDR Hist Cleaner
Lower

Actual: Year: Name: Type:
261 ft. 1929 GELBER ERNO CLOTHES PRESSERS CLEANERS AND REPAIRERS
1933 DICKHONER OTTO CLOTHES PRESSERS AND CLEANERS

A10 **THOMAS O W CO** **EDR Hist Cleaner** **1009188352**
South **2706 W 7TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.073 mi.
384 ft. **Site 7 of 8 in cluster A**

Relative: EDR Hist Cleaner
Higher

Actual: Year: Name: Type:
267 ft. 1924 THOMAS O W CO CLOTHES CLEANERS PRESSERS AND DYERS

A11 **LOY YUEN** **EDR Hist Cleaner** **1009190121**
South **710 S HOOVER ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.077 mi.
405 ft. **Site 8 of 8 in cluster A**

Relative: EDR Hist Cleaner
Lower

Actual: Year: Name: Type:
261 ft. 1933 WAI YEE JAS LAUNDRIES CHINESE
1937 LOY YUEN LAUNDRIES CHINESE

LOY YUEN (Continued) **1009190121**

1942 LOY YUEN LAUNDRIES HAND

C12 **TIDES SENIOR APARTMENTS, LP** **CA LUST** **S106116253**
ENE **623 RAMPART BLVD S** **N/A**
< 1/8 **LOS ANGELES, CA 90057**
0.089 mi.
472 ft. **Site 1 of 11 in cluster C**

Relative:
Higher

Actual:
269 ft.

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603721417
Global Id:	T0603721417
Latitude:	34.061703
Longitude:	-118.282138
Status:	Completed - Case Closed
Status Date:	10/29/2004
Case Worker:	Not reported
RB Case Number:	900570225
Local Agency:	LOS ANGELES, CITY OF
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603721417
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

LUST:

Global Id:	T0603721417
Action Type:	ENFORCEMENT
Date:	12/01/2003
Action:	Staff Letter
Global Id:	T0603721417
Action Type:	ENFORCEMENT
Date:	10/21/2003
Action:	Staff Letter
Global Id:	T0603721417
Action Type:	ENFORCEMENT
Date:	06/19/2003
Action:	Staff Letter
Global Id:	T0603721417
Action Type:	ENFORCEMENT
Date:	08/11/2003
Action:	Staff Letter
Global Id:	T0603721417

TIDES SENIOR APARTMENTS, LP (Continued) **S106116253**

Action Type: ENFORCEMENT
Date: 05/02/2003
Action: Staff Letter

Global Id: T0603721417
Action Type: Other
Date: 01/19/1999
Action: Leak Discovery

Global Id: T0603721417
Action Type: RESPONSE
Date: 11/20/2003
Action: Other Report / Document

Global Id: T0603721417
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603721417
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603721417
Action Type: RESPONSE
Date: 05/30/2003
Action: Other Report / Document

Global Id: T0603721417
Action Type: Other
Date: 03/03/2003
Action: Leak Reported

Global Id: T0603721417
Action Type: REMEDIATION
Date: 03/03/2003
Action: Not reported

Global Id: T0603721417
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603721417
Action Type: RESPONSE
Date: 09/15/2003
Action: Well Installation Report

Global Id: T0603721417
Action Type: ENFORCEMENT
Date: 10/29/2004
Action: Closure/No Further Action Letter

Global Id: T0603721417
Action Type: ENFORCEMENT
Date: 10/22/2004

TIDES SENIOR APARTMENTS, LP (Continued) **S106116253**

Action: Site Visit / Inspection / Sampling

Global Id: T0603721417
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603721417
Action Type: RESPONSE
Date: 03/11/2003
Action: Soil and Water Investigation Report

Global Id: T0603721417
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603721417
Action Type: RESPONSE
Date: 06/18/2003
Action: Soil and Water Investigation Workplan

Global Id: T0603721417
Action Type: RESPONSE
Date: 07/31/2003
Action: Soil and Water Investigation Report

Global Id: T0603721417
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603721417
Action Type: RESPONSE
Date: 05/30/2003
Action: Soil and Water Investigation Report

LUST:
Global Id: T0603721417
Status: Completed - Case Closed
Status Date: 10/29/2004

Global Id: T0603721417
Status: Open - Case Begin Date
Status Date: 01/19/1999

Global Id: T0603721417
Status: Open - Site Assessment
Status Date: 01/07/2003

Global Id: T0603721417
Status: Open - Site Assessment
Status Date: 12/01/2003

LUST REG 4:

TIDES SENIOR APARTMENTS, LP (Continued) **S106116253**

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900570225	
Status:	Pollution Characterization	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603721417	
W Global ID:	Not reported	
Staff:	MSH	
Local Agency:	19050	
Cross Street:	WILSHIRE BLVD	
Enforcement Type:	SEL	
Date Leak Discovered:	1/19/1999	
Date Leak First Reported:		3/3/2003
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		Not reported
How Leak Discovered:	OM	
How Leak Stopped:	CF,	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		Not reported
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		1/7/2003
Pollution Characterization Began:		12/1/2003
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:	MAURICE RAMIREZ	
RP Address:	515 S. FIGUEROA , SUITE #1037	
Program:	LUST	
Lat/Long:	0 / 0	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	

TIDES SENIOR APARTMENTS, LP (Continued) **S106116253**

Summary: Not reported

C13 **UNK** **CA SWEEPS UST** **S101583316**
NE **600 S LAFAYETTE PARK PL** **CA FID UST** **N/A**
< 1/8 **LOS ANGELES, CA 90057**
0.091 mi.
479 ft. **Site 2 of 11 in cluster C**

Relative: Higher
Actual: 263 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	7799
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
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

CA FID UST:

Facility ID:	19003378
Regulated By:	UTNKI
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4155473886
Mail To:	Not reported
Mailing Address:	UNK
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900570000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

C14 **STATE COMPENSATION INSUR FUND** **CA LUST** **S101297093**
NE **600 LAFAYETTE PARK PL** **CA HIST CORTESE** **N/A**
< 1/8 **LOS ANGELES, CA 90057**
0.091 mi.
479 ft. **Site 3 of 11 in cluster C**

Relative: Higher
Actual: 263 ft.

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701124
Global Id:	T0603701124

STATE COMPENSATION INSUR FUND (Continued) **S101297093**

Latitude: 33.9863827
Longitude: -118.3694837
Status: Completed - Case Closed
Status Date: 04/13/1995
Case Worker: YR
RB Case Number: 900560016
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0603701124
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603701124
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

LUST:
Global Id: T0603701124
Action Type: Other
Date: 12/24/1991
Action: Leak Reported

LUST:
Global Id: T0603701124
Status: Completed - Case Closed
Status Date: 04/13/1995

Global Id: T0603701124
Status: Open - Case Begin Date
Status Date: 12/24/1991

Global Id: T0603701124
Status: Open - Remediation
Status Date: 02/24/1992

Global Id: T0603701124
Status: Open - Site Assessment
Status Date: 12/24/1991

Global Id: T0603701124
Status: Open - Verification Monitoring

STATE COMPENSATION INSUR FUND (Continued) **S101297093**

Status Date: 11/22/1992

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900560016	
Status:	Case Closed	
Substance:	Diesel	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Excavate and Treat
Global ID:	T0603701124	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		12/24/1991
Date Leak Record Entered:	12/22/1991	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		4/13/1995
Date the Case was Closed:		4/13/1995
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		6891.256941871907132952953027
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		12/24/1991
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		2/24/1992
Post Remedial Action Monitoring Began:		11/22/1992
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	BLANK RP	
RP Address:	Not reported	
Program:	LUST	
Lat/Long:	33.9863827 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	

STATE COMPENSATION INSUR FUND (Continued) **S101297093**

Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: GROUNDWATER MONITORING WELLS MW-1, MW-3, AND MW-8 WERE LEFT IN PLACE FOR MONITORING THE POSSIBLE AREA-WIDE GROUNDWATER CONTAMINATION FROM GASOLINE.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900560016

C15 **BP & BK CORP** **EDR Hist Auto** **1020482659**
East **2619 WILSHIRE BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90057**
0.104 mi.
548 ft. **Site 4 of 11 in cluster C**

Relative: EDR Hist Auto
Higher

Actual: **276 ft.**

Year:	Name:	Type:
2005	BP & BK CORP	Gasoline Service Stations, NEC
2006	BP & BK CORP	Gasoline Service Stations, NEC
2007	BP & BK CORP	Gasoline Service Stations, NEC
2008	BP & BK CORP	Gasoline Service Stations, NEC
2009	BP & BK CORP	Gasoline Service Stations, NEC
2010	BP & BK CORP	Gasoline Service Stations, NEC
2011	BP & BK CORP	Gasoline Service Stations, NEC

D16 **EAST L E** **EDR Hist Auto** **1009078481**
SSE **2635 W 7TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.111 mi.
588 ft. **Site 1 of 10 in cluster D**

Relative: EDR Hist Auto
Higher

Actual: **273 ft.**

Year:	Name:	Type:
1933	EAST L E	GASOLINE AND OIL SERVICE STATIONS

D17 **TERNOV SAM** **EDR Hist Cleaner** **1009188821**
SSE **2626 W 7TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.113 mi.
599 ft. **Site 2 of 10 in cluster D**

Relative: EDR Hist Cleaner
Higher

Actual: **272 ft.**

Year:	Name:	Type:
1933	MILLER JACK	CLOTHES PRESSERS AND CLEANERS
1937	TERNOV SAM	CLOTHES PRESSERS AND CLEANERS

E18 **BURNS ROBT** **EDR Hist Auto** **1009078092**
South **730 H HOOVER** **N/A**
< 1/8 **LOS ANGELES, CA**
0.116 mi.
613 ft. **Site 1 of 2 in cluster E**

Relative: EDR Hist Auto
Lower

Actual: Year: Name: Type:
262 ft. 1929 BURNS ROBT GASOLINE AND OIL SERVICE STATION

D19 **STOCKHOLM EDW** **EDR Hist Cleaner** **1009191778**
SSE **2619 W 7TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.116 mi.
615 ft. **Site 3 of 10 in cluster D**

Relative: EDR Hist Cleaner
Higher

Actual: Year: Name: Type:
274 ft. 1937 STOCKHOLM EDW CLOTHES PRESSERS AND CLEANERS

D20 **ARMSTRONG OLIVER** **EDR Hist Auto** **1009080676**
SSE **2617 W 7TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.117 mi.
618 ft. **Site 4 of 10 in cluster D**

Relative: EDR Hist Auto
Higher

Actual: Year: Name: Type:
274 ft. 1929 ARMSTRONG OLIVER GASOLINE AND OIL SERVICE STATION

D21 **LOUIS M J** **EDR Hist Cleaner** **1009190097**
SSE **2613 W 7TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.119 mi.
626 ft. **Site 5 of 10 in cluster D**

Relative: EDR Hist Cleaner
Higher

Actual: Year: Name: Type:
274 ft. 1942 LOUIS M J LAUNDRIES HAND

D22 **LA MAE CLEANERS** **EDR Hist Cleaner** **1009187786**
SSE **2609 W 7TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.120 mi.
632 ft. **Site 6 of 10 in cluster D**

Relative: EDR Hist Cleaner
Higher

Actual: Year: Name: Type:
275 ft. 1929 LA MAE CLEANERS CLOTHES PRESSERS CLEANERS AND REPAIRERS
1933 WALLER C B CLOTHES PRESSERS AND CLEANERS

LA MAE CLEANERS (Continued) **1009187786**

1937 GREEN H F CLOTHES PRESSERS AND CLEANERS

D23 **PACIFIC BELL TELEPHONE CO** **CA LUST** **S108087171**
South **720 RAMPART BLVD, SOUTH** **N/A**
< 1/8 **LOS ANELES, CA 90057**
0.121 mi.
641 ft. **Site 7 of 10 in cluster D**

Relative: **Higher**

Actual: **274 ft.**

LUST:

Lead Agency:	LOS ANGELES, CITY OF
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603766334
Global Id:	T0603766334
Latitude:	34.058761
Longitude:	-118.283601
Status:	Completed - Case Closed
Status Date:	09/22/2006
Case Worker:	EL
RB Case Number:	Not reported
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	1773
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0603766334
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id:	T0603766334
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

LUST:

Global Id:	T0603766334
Action Type:	Other
Date:	12/02/2005
Action:	Leak Discovery

Global Id:	T0603766334
Action Type:	ENFORCEMENT
Date:	09/22/2006
Action:	Closure/No Further Action Letter

Global Id:	T0603766334
Action Type:	Other

PACIFIC BELL TELEPHONE CO (Continued) **S108087171**

Date: 08/23/2006
Action: Leak Reported

LUST:
Global Id: T0603766334
Status: Completed - Case Closed
Status Date: 09/22/2006

Global Id: T0603766334
Status: Open - Case Begin Date
Status Date: 12/02/2005

Global Id: T0603766334
Status: Open - Site Assessment
Status Date: 08/09/2006

D24 **PACIFIC BELL** **CA UST** **U003780875**
South **720 S RAMPART BLVD** **CA SWEEPS UST** **N/A**
< 1/8 **LOS ANGELES, CA 90057**
0.121 mi.
641 ft. **Site 8 of 10 in cluster D**

Relative:
Higher

Actual:
274 ft.

UST:
Facility ID: FA0001773
Permitting Agency: Los Angeles City Fire Department
Latitude: 34.0587
Longitude: -118.28356

Facility ID: 24446
Permitting Agency: LOS ANGELES, CITY OF
Latitude: 34.0601786
Longitude: -118.2821639

SWEEPS UST:
Status: Not reported
Comp Number: 5819
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-005819-000001
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 1

Status: Active
Comp Number: 5819
Number: 1
Board Of Equalization: Not reported
Referral Date: 07-29-93

PACIFIC BELL (Continued) **U003780875**

Action Date:	07-29-93
Created Date:	02-29-88
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

F25 **SHALOM VAN LEVY** **RCRA-SQG 1000290314**
SE **671 SOUTH CORONADO** **FINDS CAD982470783**
< 1/8 **LOS ANGELES, CA 90057** **ECHO**
0.122 mi.
643 ft. **Site 1 of 2 in cluster F**

Relative: Higher

Actual: 294 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	SHALOM VAN LEVY
Facility address:	671 SOUTH CORONADO LOS ANGELES, CA 90057
EPA ID:	CAD982470783
Mailing address:	SOUTH CORONADO LOS ANGELES, CA 90057
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:	SHALOM VAN LEVY
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
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

SHALOM VAN LEVY (Continued) **1000290314**

Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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: 110002819754

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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000290314
Registry ID: 110002819754
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002819754

G26 **LA FELIPE DE NEVE LIBRARY** **RCRA-SQG** **1000228177**
North **2820 W 6TH ST** **FINDS** **CAD981990369**
1/8-1/4 **LOS ANGELES, CA 90057** **ECHO**
0.129 mi.
680 ft. **Site 1 of 2 in cluster G**

Relative:
Lower

Actual:
257 ft.

RCRA-SQG:

Date form received by agency:	03/25/1987
Facility name:	LA FELIPE DE NEVE LIBRARY
Facility address:	2820 W 6TH ST LOS ANGELES, CA 90057
EPA ID:	CAD981990369
Mailing address:	200 N MAIN RM EIGHTH HUNDREDCH LOS ANGELES, CA 90012
Contact:	ENVIRONMENTAL MANAGER
Contact address:	2820 W SIXTH ST LOS ANGELES, CA 90057
Contact country:	US
Contact telephone:	213-485-7527
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
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	CITY OF LOS ANGELES
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
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

LA FELIPE DE NEVE LIBRARY (Continued) **1000228177**

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: 110002768372

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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000228177
Registry ID:	110002768372
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002768372

E27
South
1/8-1/4
0.129 mi.
681 ft.

Relative: Higher

Actual: 267 ft.

PACIFIC BELL
720/740 RAMPART
LOS ANGELES, CA 90057

Site 2 of 2 in cluster E

RCRA-SQG **1000250359**
CA LUST **CAT080023237**
CA SWEEPS UST
CA HIST UST
CA FID UST
CA HAZNET
CA HIST CORTESE

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	PACIFIC BELL
Facility address:	720/740 RAMPART LOS ANGELES, CA 90057
EPA ID:	CAT080023237
Mailing address:	170 N FAIR OAKS RM 104 PASADENA, CA 91103
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported

PACIFIC BELL (Continued) **1000250359**

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
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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: 04/09/1990
Site name: PACIFIC BELL

PACIFIC BELL (Continued) **1000250359**

Classification: Large Quantity Generator

Date form received by agency: 01/19/1981
Site name: PACIFIC BELL
Classification: Large Quantity Generator

Violation Status: No violations found

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701134
Global Id: T0603701134
Latitude: 34.0582463
Longitude: -118.2836413
Status: Completed - Case Closed
Status Date: 07/17/1996
Case Worker: YR
RB Case Number: 900570116
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0603701134
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603701134
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

LUST:
Global Id: T0603701134
Action Type: Other
Date: 03/19/1991
Action: Leak Reported

LUST:
Global Id: T0603701134
Status: Completed - Case Closed
Status Date: 07/17/1996

Global Id: T0603701134

PACIFIC BELL (Continued) **1000250359**

Status: Open - Case Begin Date
Status Date: 03/19/1991

Global Id: T0603701134
Status: Open - Remediation
Status Date: 03/19/1991

Global Id: T0603701134
Status: Open - Remediation
Status Date: 06/30/1992

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900570116
Status: Case Closed
Substance: Diesel
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Excavate and Dispose
Global ID: T0603701134
W Global ID: W0607701254
Staff: UNK
Local Agency: 19050
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 3/19/1991
Date Leak Record Entered: 3/9/1991
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 11/13/1996
Date the Case was Closed: 7/17/1996
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported
Water System: UNOCAL - JIM SCOTT
Well Name: Not reported
Approx. Dist To Production Well (ft): 6652.98948804284638519248689 23
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: 3/19/1991
Remedial Action Underway: 6/30/1992
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

PACIFIC BELL (Continued) **1000250359**

Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: PACIFIC BELL REAL ESTATE
RP Address: 177 E COLORADO BLVD D RM 938, PASADENA CA 91105
Program: LUST
Lat/Long: 34.0582463 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: 3901254-001GEN
Summary: Not reported

SWEEPS UST:
Status: Not reported
Comp Number: 6617
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
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: 0

HIST UST:
File Number: 00027B10
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027B10.pdf
Region: STATE
Facility ID: 00000061249
Facility Type: Other
Other Type: SIC 4800
Contact Name: E.J. KOEHLER
Telephone: 4155426758
Owner Name: PACIFIC BELL
Owner Address: 370 THIRD STREET
Owner City,St,Zip: SAN FRANCISCO, CA 94107
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1974
Tank Capacity: 00020000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

PACIFIC BELL (Continued) **1000250359**

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	19003043
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4158238723
Mail To:	Not reported
Mailing Address:	1445 VANNESS AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900570000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

Facility ID:	19054510
Regulated By:	UTNKI
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	740 S RAMPART BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900570000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

HAZNET:

envid:	1000250359
Year:	2015
GEPAID:	CAT080023237
Contact:	SEAN MCFARLANE
Telephone:	9252776725
Mailing Name:	Not reported
Mailing Address:	P.O. BOX 5095, 4W200I
Mailing City,St,Zip:	SAN RAMON, CA 945830000
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
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:	0.01
Cat Decode:	Not reported

PACIFIC BELL (Continued) **1000250359**

Method Decode: Not reported
Facility County: Los Angeles

envid: 1000250359
Year: 2015
GEPAID: CAT080023237
Contact: SEAN MCFARLANE
Telephone: 9252776725
Mailing Name: Not reported
Mailing Address: P.O. BOX 5095, 4W200I
Mailing City,St,Zip: SAN RAMON, CA 945830000
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.35
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: 1000250359
Year: 2012
GEPAID: CAT080023237
Contact: JAMES CRANMER
Telephone: 3033917206
Mailing Name: Not reported
Mailing Address: 1 AT&T WAY RM 2C140
Mailing City,St,Zip: BEDMINSTER, NJ 079210000
Gen County: Los Angeles
TSD EPA ID: UTD981552177
TSD County: 99
Waste Category: Not reported
Disposal Method: Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.6612
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: 1000250359
Year: 2012
GEPAID: CAT080023237
Contact: JAMES CRANMER
Telephone: 3033917206
Mailing Name: Not reported
Mailing Address: 1 AT&T WAY RM 2C140
Mailing City,St,Zip: BEDMINSTER, NJ 079210000
Gen County: Los Angeles
TSD EPA ID: UTD981552177
TSD County: 99
Waste Category: Not reported
Disposal Method: Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.6612
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

PACIFIC BELL (Continued) **1000250359**

envid:	1000250359
Year:	2010
GEPAID:	CAT080023237
Contact:	JAMES CRANMER
Telephone:	3033917206
Mailing Name:	Not reported
Mailing Address:	1 AT&T WAY RM 2C140
Mailing City,St,Zip:	BEDMINSTER, NJ 079210000
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.03
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
103 additional CA_HAZNET: record(s) in the EDR Site Report.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900570116

C28 **CHEVRON USA** **CA SWEEPS UST** **S103947946**
East **2601 WILSHIRE BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90057**
0.132 mi.
695 ft. **Site 5 of 11 in cluster C**

Relative:
Higher

Actual:
280 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	7002
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
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

C29 **LA BEST DRY CLEANERS, DONG IL KIM, DBA** **CA DRYCLEANERS** **S121694688**
ENE **610 S RAMPART BLVD #6** **N/A**
1/8-1/4 **LOS ANGELES, CA 90057**
0.141 mi.
742 ft. **Site 6 of 11 in cluster C**

Relative: **Higher**

Actual: **269 ft.**

DRYCLEAN SOUTH COAST:

Facility ID:	125257
Application Number:	375424
Permit Number:	Not reported
Status:	A
Representative Name:	DONG KIM
Representative Telephone:	213 3853355
Permit Status:	Not reported
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	Not reported
CCAT Description:	Not reported
UTM East:	381.73001099
UTM North:	3769.5800781

Facility ID:	125257
Application Number:	378871
Permit Number:	F36276
Status:	A
Representative Name:	DONG KIM
Representative Telephone:	213 3853355
Permit Status:	INACTIVE
BCAT Number:	000603
BCAT Description:	DRY CLEANING,DRY-TO-DRY NV,W/ SIC,PERC
CCAT Number:	Not reported
CCAT Description:	Not reported
UTM East:	381.73001099
UTM North:	3769.5800781

Facility ID:	125257
Application Number:	468435
Permit Number:	F91770
Status:	A
Representative Name:	DONG KIM
Representative Telephone:	213 3853355
Permit Status:	INACT_NR
BCAT Number:	000603
BCAT Description:	DRY CLEANING,DRY-TO-DRY NV,W/ SIC,PERC
CCAT Number:	Not reported
CCAT Description:	Not reported
UTM East:	381.73001099
UTM North:	3769.5800781

C30 **L A BEST DRY CLEANERS, MOON YONG YOON** **CA DRYCLEANERS** **S121693445**
ENE **610 S RAMPART BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90057**
0.141 mi.
742 ft. **Site 7 of 11 in cluster C**

Relative: **Higher**

Actual: **269 ft.**

DRYCLEAN SOUTH COAST:

Facility ID:	101792
Application Number:	293297
Permit Number:	D83698
Status:	S

L A BEST DRY CLEANERS, MOON YONG YOON (Continued) **S121693445**

Representative Name:	MOON YONG YOON
Representative Telephone:	213 3853355
Permit Status:	INACT_NR
BCAT Number:	000601
BCAT Description:	DRY CLEANING, DRY-TO-DRY NON-VENT, PERC
CCAT Number:	Not reported
CCAT Description:	Not reported
UTM East:	381.85998535
UTM North:	3769.3500977

C31 **LA BEST DRY CLEAN** **CA DRYCLEANERS** **S121699549**
ENE **610 S RAMPART BLVD #6** **N/A**
1/8-1/4 **LOS ANGELES, CA 90057**
0.141 mi.
742 ft. **Site 8 of 11 in cluster C**

Relative:
Higher

Actual:
269 ft.

DRYCLEAN SOUTH COAST:

Facility ID:	78514
Application Number:	227340
Permit Number:	D25807
Status:	A
Representative Name:	KYU RYONG JI
Representative Telephone:	213 7332211
Permit Status:	INACT_NR
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	04
CCAT Description:	VAPOR RECOVERY UNIT COMPRESS & CONDENSE
UTM East:	381.79998779
UTM North:	3769.6000977

C32 **LA BEST CLEANERS** **RCRA-SQG** **1000708806**
ENE **610 S RAMPART BLVD** **CAD982434870**
1/8-1/4 **LOS ANGELES, CA 90057**
0.141 mi.
744 ft. **Site 9 of 11 in cluster C**

Relative:
Higher

Actual:
270 ft.

RCRA-SQG:

Date form received by agency:	01/03/1991
Facility name:	LA BEST CLEANERS
Facility address:	610 S RAMPART BLVD LOS ANGELES, CA 90057
EPA ID:	CAD982434870
Mailing address:	S RAMPART BLVD LOS ANGELES, CA 90057
Contact:	ENVIRONMENTAL MANAGER
Contact address:	610 S RAMPART BLVD LOS ANGELES, CA 90057
Contact country:	US
Contact telephone:	213-380-3355
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

LA BEST CLEANERS (Continued) **1000708806**

waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	JI KYU RYONG
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
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
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
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

C33 **MR FAYES N ENABE** **CA SWEEPS UST** **S101585916**
ENE **610 S RAMPART BLVD** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90057**
0.141 mi.
744 ft. **Site 10 of 11 in cluster C**

Relative: Higher
Actual: 270 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	7180
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
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:	0

CA FID UST:

Facility ID:	19033345
Regulated By:	UTNKI
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	610 S RAMPART BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900570000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

C34 **LA BEST CLEANERS** **RCRA-SQG** **1000472896**
ENE **610 S RAMPART** **FINDS** **CAD983614306**
1/8-1/4 **LOS ANGELES, CA 90057** **ECHO**
0.141 mi. **CA DRYCLEANERS**
744 ft. **Site 11 of 11 in cluster C** **CA HAZNET**

Relative: Higher
Actual: 270 ft.

RCRA-SQG:

Date form received by agency:	02/05/1992
Facility name:	LA BEST CLEANERS
Facility address:	610 S RAMPART LOS ANGELES, CA 90057
EPA ID:	CAD983614306
Mailing address:	S RAMPART LOS ANGELES, CA 90057
Contact:	YOUNG MOON
Contact address:	610 S RAMPART

LA BEST CLEANERS (Continued) **1000472896**

LOS ANGELES, CA 90057
Contact country: US
Contact telephone: 213-380-3355
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: MOON YONG YOON
Owner/operator address: 610 S RAMPART BLVD
LOS ANGELES, CA 90057
Owner/operator country: Not reported
Owner/operator telephone: 213-380-3355
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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: 110002811253

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.

LA BEST CLEANERS (Continued) **1000472896**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000472896
Registry ID:	110002811253
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002811253

DRYCLEANERS:

EPA Id:	CAL000262904
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	11/26/2002
Facility Active:	No
Inactive Date:	06/30/2008
Facility Addr2:	Not reported
Owner Name:	DONG IN KIM
Owner Address:	610 S RAMPART BLVD
Owner Address 2:	Not reported
Owner Telephone:	2133803355
Contact Name:	YUNIE KIM
Contact Address:	610 S RAMPART BLVD
Contact Address 2:	Not reported
Contact Telephone:	2133803355
Mailing Name:	Not reported
Mailing Address 1:	610 S RAMPART BLVD
Mailing Address 2:	Not reported
Mailing City:	LOS ANGELES
Mailing State:	CA
Mailing Zip:	900573204
Owner Fax:	Not reported
Region Code:	3

EPA Id:	CAL000341154
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	03/10/2009
Facility Active:	No
Inactive Date:	06/30/2010
Facility Addr2:	Not reported
Owner Name:	CHANG SHIN LEE
Owner Address:	3451 VETERAN AVE
Owner Address 2:	Not reported
Owner Telephone:	3104098318
Contact Name:	CHANG SHIN LEE
Contact Address:	3451 VETERAN AVE
Contact Address 2:	Not reported
Contact Telephone:	3104098318
Mailing Name:	Not reported
Mailing Address 1:	610 S RAMPART BLVD
Mailing Address 2:	Not reported

LA BEST CLEANERS (Continued) **1000472896**

Mailing City:	LOS ANGELES
Mailing State:	CA
Mailing Zip:	900570000
Owner Fax:	2133658484
Region Code:	3

HAZNET:

envid:	1000472896
Year:	1996
GEPAID:	CAD983614306
Contact:	MOON YONG YOON
Telephone:	2133803355
Mailing Name:	Not reported
Mailing Address:	610 S RAMPART BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900573213
Gen County:	Not reported
TSD EPA ID:	CAD981397417
TSD County:	Not reported
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	Recycler
Tons:	.3358
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

envid:	1000472896
Year:	1995
GEPAID:	CAD983614306
Contact:	MOON YONG YOON
Telephone:	2133803355
Mailing Name:	Not reported
Mailing Address:	610 S RAMPART BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900573213
Gen County:	Not reported
TSD EPA ID:	CAD981397417
TSD County:	Not reported
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	Recycler
Tons:	.3775
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

H35 **SHERATON TOWN HOUSE** **CA LUST** **S102523293**
WNW **2961 WILSHIRE BLVD** **CA HIST CORTESE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90010**
0.146 mi.
769 ft. **Site 1 of 7 in cluster H**

Relative: **Lower**
Actual: **255 ft.**

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700488
Global Id:	T0603700488
Latitude:	34.061833

SHERATON TOWN HOUSE (Continued) **S102523293**

Longitude: -118.2861723
Status: Completed - Case Closed
Status Date: 01/31/1997
Case Worker: YR
RB Case Number: 900100061
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0603700488
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603700488
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

LUST:
Global Id: T0603700488
Action Type: Other
Date: 01/24/1997
Action: Leak Reported

LUST:
Global Id: T0603700488
Status: Completed - Case Closed
Status Date: 01/31/1997

Global Id: T0603700488
Status: Open - Case Begin Date
Status Date: 01/24/1997

Global Id: T0603700488
Status: Open - Site Assessment
Status Date: 01/24/1997

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900100061

SHERATON TOWN HOUSE (Continued) **S102523293**

Status:	Case Closed	
Substance:	Diesel	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603700488	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	VIRGIL	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		1/24/1997
Date Leak Record Entered:	1/27/1997	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		1/24/1997
Date the Case was Closed:		1/31/1997
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):		6749.794447437673165293487 1071
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		1/24/1997
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		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:	THE MACLEOD PARTNERSHIP	
RP Address:	2200 COLORADO AVE, SUITE A, SANTA MONICA CA 90404	
Program:	LUST	
Lat/Long:	34.0618602 / -1	
Local Agency Staff:	PEJ	
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

SHERATON TOWN HOUSE (Continued) **S102523293**

Facility County Code: 19
Reg By: LTNKA
Reg Id: 900100061

H36 **KYO-YA CO** **CA SWEEPS UST** **S101584612**
WNW **2961 W WILSHIRE BLVD** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90010**
0.146 mi.
769 ft. **Site 2 of 7 in cluster H**

Relative:
Lower

Actual:
255 ft.

SWEEPS UST:
Status: Not reported
Comp Number: 7949
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
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

CA FID UST:
Facility ID: 19013392
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2130000000
Mail To: Not reported
Mailing Address: UNK
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900100000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

G37 **METROPOLITAN SKILLS CENTER** **RCRA-LQG** **1014950580**
North **2801 W 6TH ST** **CAR000225649**
1/8-1/4 **LOS ANGELES, CA 90057**
0.148 mi.
780 ft. **Site 2 of 2 in cluster G**

Relative:
Higher

Actual:
263 ft.

RCRA-LQG:

Date form received by agency:	06/07/2012
Facility name:	METROPOLITAN SKILLS CENTER
Facility address:	2801 W 6TH ST LOS ANGELES, CA 90057
EPA ID:	CAR000225649
Mailing address:	333 S BEAUDRY AVE 28TH FLOOR LOS ANGELES, CA 90017
Contact:	SOE AUNG
Contact address:	333 S BEAUDRY AVE 28TH FLOOR LOS ANGELES, CA 90017
Contact country:	US
Contact telephone:	213-241-3904
Contact email:	SOE.AUNG@LAUSD.NET
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:	METROPOLITAN SKILLS CENTER
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	District
Owner/Operator Type:	Operator
Owner/Op start date:	06/05/2012
Owner/Op end date:	Not reported
Owner/operator name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Owner/operator address:	333 S BEAUDRY AVE 28TH FLOOR LOS ANGELES, CA 90017
Owner/operator country:	US
Owner/operator telephone:	213-241-3199
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	District

METROPOLITAN SKILLS CENTER (Continued) **1014950580**

Owner/Operator Type: Owner
Owner/Op start date: 06/05/2012
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: 181
. Waste name: Other inorganic solid waste

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

D38 **AMERICAN RED CROSS** **CA UST** **U003781405**
SSE **2614 W 7TH ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90057**
0.151 mi.
799 ft. **Site 9 of 10 in cluster D**

Relative: **Higher**
Actual: **278 ft.**

UST:
Facility ID: 25104
Permitting Agency: LOS ANGELES, CITY OF
Latitude: 34.0601356
Longitude: -118.2812667

D39 **AMERICAN RED CROSS /C** **CA SWEEPS UST** **S101587891**
SSE **2614 W 7TH ST** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90057**
0.151 mi.
799 ft. **Site 10 of 10 in cluster D**

Relative: **Higher**
Actual: **278 ft.**

SWEEPS UST:
Status: Active
Comp Number: 5683
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-03-93
Action Date: 03-03-93
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported

AMERICAN RED CROSS /C (Continued) **S101587891**

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

CA FID UST:
Facility ID: 19056110
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2130000000
Mail To: Not reported
Mailing Address: 2614 W 7TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900570000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

I40 **91446** **CA HIST UST** **U001562006**
East **2525 WILSHIRE BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90057**
0.152 mi.
802 ft. **Site 1 of 3 in cluster I**

Relative:
Higher

Actual:
289 ft.

HIST UST:
File Number: 00026C78
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026C78.pdf
Region: STATE
Facility ID: 00000062061
Facility Type: Gas Station
Other Type: Not reported
Contact Name: ZUNIGA,OSCAR
Telephone: 2134808168
Owner Name: CHEVRON U.S.A. INC.
Owner Address: 575 MARKET
Owner City,St,Zip: SAN FRANCISCO, CA 94105
Total Tanks: 0004

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 0000370
Leak Detection: Stock Inventor

Tank Num: 002

91446 (Continued) **U001562006**

Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000370
Leak Detection:	Stock Inventor

Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000370
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000370
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

I41 **91446-CHEVRON STATION** **CA SWEEPS UST** **S101586560**
East **2525 WILSHIRE BLVD** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90057**
0.152 mi.
802 ft. **Site 2 of 3 in cluster I**

Relative:
Higher

Actual:
289 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	3499
Number:	Not reported
Board Of Equalization:	44-013045
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-003499-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	CHEMICAL
STG:	PRODUCT
Content:	UNKNOWN
Number Of Tanks:	4

Status:	Not reported
Comp Number:	3499
Number:	Not reported
Board Of Equalization:	44-013045
Referral Date:	Not reported
Action Date:	Not reported

91446-CHEVRON STATION (Continued) **S101586560**

Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-003499-000002
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 3499
Number: Not reported
Board Of Equalization: 44-013045
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-003499-000003
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 3499
Number: Not reported
Board Of Equalization: 44-013045
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-003499-000004
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19053965
Regulated By: UTNKI
Regulated ID: 00062061
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2134808168
Mail To: Not reported
Mailing Address: 575 MARKET ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900570000
Contact: Not reported

91446-CHEVRON STATION (Continued) **S101586560**

Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

I42 **CHEVRON #9-1446** **CA LUST S102427129**
East **2525 WILSHIRE BLVD** **CA HIST CORTESE N/A**
1/8-1/4 **LOS ANGELES, CA 90057**
0.152 mi.
802 ft. **Site 3 of 3 in cluster I**

Relative:
Higher

Actual:
289 ft.

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701128
Global Id: T0603701128
Latitude: 34.0604008
Longitude: -118.2811556
Status: Completed - Case Closed
Status Date: 03/28/1989
Case Worker: YR
RB Case Number: 900570043
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603701128
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603701128
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

LUST:
Global Id: T0603701128
Action Type: Other
Date: 12/03/1986
Action: Leak Reported

LUST:

CHEVRON #9-1446 (Continued) **S102427129**

Global Id: T0603701128
Status: Completed - Case Closed
Status Date: 03/28/1989

Global Id: T0603701128
Status: Open - Case Begin Date
Status Date: 12/03/1986

Global Id: T0603701128
Status: Open - Site Assessment
Status Date: 06/09/1988

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900570043
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603701128
W Global ID: W0607701254
Staff: UNK
Local Agency: 19050
Cross Street: RAMPART
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 12/3/1986
Date Leak Record Entered: 9/8/1987
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 10/7/1992
Date the Case was Closed: 3/28/1989
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported
Water System: UNOCAL - JIM SCOTT
Well Name: Not reported
Approx. Dist To Production Well (ft): 6133.1129187422972422961599 21
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 6/9/1988
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported

CHEVRON #9-1446 (Continued) **S102427129**

GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	CHEVRON
RP Address:	1201 S BEACH BLVD, LA HABRA, CA 90631
Program:	LUST
Lat/Long:	34.0602363 / -1
Local Agency Staff:	PEJ
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	3901254-001GEN
Summary:	CASE CLOSED 03/28/89. THE FORMATION IS A CONTINUATION OF THE LA BREA TAR HEELS. FORMER VJ CASE.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900570043

J43 **THE CLEANING STORE** **CA DRYCLEANERS** **S121698536**
North **528 S OCCIDENTAL BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90057**
0.155 mi.
816 ft. **Site 1 of 5 in cluster J**

Relative: **Lower**
Actual: **258 ft.**

DRYCLEAN SOUTH COAST:

Facility ID:	56141
Application Number:	154753
Permit Number:	M56917
Status:	S
Representative Name:	PATTY YANOUI
Representative Telephone:	213 7391611
Permit Status:	INACTIVE
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	04
CCAT Description:	VAPOR RECOVERY UNIT COMPRESS & CONDENSE
UTM East:	381.52600098
UTM North:	3769.9450684

Facility ID:	56141
Application Number:	438236
Permit Number:	F73163
Status:	S
Representative Name:	PATTY YANOUI
Representative Telephone:	213 7391611
Permit Status:	INACTIVE
BCAT Number:	000603
BCAT Description:	DRY CLEANING,DRY-TO-DRY NV,W/ SIC,PERC
CCAT Number:	Not reported
CCAT Description:	Not reported
UTM East:	381.52600098

THE CLEANING STORE (Continued) **S121698536**

UTM North:	3769.9450684
Facility ID:	56141
Application Number:	467347
Permit Number:	F89277
Status:	S
Representative Name:	PATTY YANOUI
Representative Telephone:	213 7391611
Permit Status:	INACTIVE
BCAT Number:	000603
BCAT Description:	DRY CLEANING,DRY-TO-DRY NV,W/ SIC,PERC
CCAT Number:	Not reported
CCAT Description:	Not reported
UTM East:	381.52600098
UTM North:	3769.9450684

J44 **CLEANING STORE THE** **CA DRYCLEANERS** **S102811285**
North **528 S OCCIDENTAL BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90057**
0.155 mi.
816 ft. **Site 2 of 5 in cluster J**

Relative: DRYCLEANERS:
Lower

EPA Id:	CAL000030170
NAICS Code:	333312
NAICS Description:	Commercial Laundry, Drycleaning, and Pressing Machine Manufacturing
SIC Code:	3582
SIC Description:	Commercial Laundry, Drycleaning and Pressing Machines
Create Date:	05/09/1990
Facility Active:	No
Inactive Date:	06/30/2009
Facility Addr2:	Not reported
Owner Name:	YOUNAI SAID
Owner Address:	528 S OCCIDENTAL BLVD
Owner Address 2:	Not reported
Owner Telephone:	2137391611
Contact Name:	CYRUS I RANPOUR
Contact Address:	528 S OCCIDENTAL BLVD
Contact Address 2:	Not reported
Contact Telephone:	2137391611
Mailing Name:	Not reported
Mailing Address 1:	528 S OCCIDENTAL BLVD
Mailing Address 2:	Not reported
Mailing City:	LOS ANGELES
Mailing State:	CA
Mailing Zip:	900571502
Owner Fax:	Not reported
Region Code:	3

Actual:
258 ft.

EPA Id:	CAL000350540
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	03/03/2010
Facility Active:	No
Inactive Date:	06/30/2010
Facility Addr2:	Not reported

CLEANING STORE THE (Continued) **S102811285**

Owner Name:	MARIA BUNARJYAN
Owner Address:	528 S OCCIDENTAL BLVD
Owner Address 2:	Not reported
Owner Telephone:	6264462742
Contact Name:	JOHN BABELYAN
Contact Address:	528 S OCCIDENTAL BLVD
Contact Address 2:	Not reported
Contact Telephone:	2137391611
Mailing Name:	Not reported
Mailing Address 1:	528 S OCCIDENTAL BLVD
Mailing Address 2:	Not reported
Mailing City:	LOS ANGELES
Mailing State:	CA
Mailing Zip:	900571502
Owner Fax:	6264462762
Region Code:	3

EPA Id:	CAL000364721
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	06/22/2011
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Owner Name:	JEREMIAS BAHA
Owner Address:	528 S OCCIDENTAL BLVD
Owner Address 2:	Not reported
Owner Telephone:	2133812255
Contact Name:	JEREMIAS BAHA
Contact Address:	528 S OCCIDENTAL BLVD
Contact Address 2:	Not reported
Contact Telephone:	2134471403
Mailing Name:	Not reported
Mailing Address 1:	528 S OCCIDENTAL BLVD
Mailing Address 2:	Not reported
Mailing City:	LOS ANGELES
Mailing State:	CA
Mailing Zip:	900570000
Owner Fax:	2133812255
Region Code:	3

J45 **E- Z 4 U CLEANERS, MARIA BUNERSYAN** **CA DRYCLEANERS** **S121696515**
North **528 S OCCIDENTAL BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90057**
0.155 mi.
816 ft. **Site 3 of 5 in cluster J**

Relative: **Lower**

Actual: **258 ft.**

DRYCLEAN SOUTH COAST:

Facility ID:	165843
Application Number:	515424
Permit Number:	Not reported
Status:	S
Representative Name:	MARIA BUNARSYAN
Representative Telephone:	626 4462742
Permit Status:	Not reported
BCAT Number:	000603

E- Z 4 U CLEANERS, MARIA BUNERSYAN (Continued) **S121696515**

BCAT Description:	DRY CLEANING,DRY-TO-DRY NV,W/ SIC,PERC
CCAT Number:	Not reported
CCAT Description:	Not reported
UTM East:	381.52999878
UTM North:	3769.9299316

Facility ID:	165843
Application Number:	516709
Permit Number:	G12197
Status:	S
Representative Name:	MARIA BUNARSYAN
Representative Telephone:	626 4462742
Permit Status:	INACTIVE
BCAT Number:	000603
BCAT Description:	DRY CLEANING,DRY-TO-DRY NV,W/ SIC,PERC
CCAT Number:	Not reported
CCAT Description:	Not reported
UTM East:	381.52999878
UTM North:	3769.9299316

J46 **OCCIDENTAL CLEANERS, JEREMIAS BAHA** **CA DRYCLEANERS** **S121696570**
North **528 S OCCIDENTAL BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90057**
0.155 mi.
816 ft. **Site 4 of 5 in cluster J**

Relative: DRYCLEAN SOUTH COAST:
Lower

Facility ID:	168732
Application Number:	527464
Permit Number:	G16146
Status:	A
Representative Name:	JEREMIAS BAHA
Representative Telephone:	213 3812255
Permit Status:	ACTIVE
BCAT Number:	000603
BCAT Description:	DRY CLEANING,DRY-TO-DRY NV,W/ SIC,PERC
CCAT Number:	Not reported
CCAT Description:	Not reported
UTM East:	381.52999878
UTM North:	3769.9299316

Actual:
258 ft.

H47 **UNK** **CA SWEEPS UST** **S101583594**
WNW **2975 WILSHIRE** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90010**
0.155 mi.
818 ft. **Site 3 of 7 in cluster H**

Relative: SWEEPS UST:
Lower

Status:	Not reported
Comp Number:	7641
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported

Actual:
257 ft.

UNK (Continued) **S101583594**

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

CA FID UST:
Facility ID: 19004792
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2130000000
Mail To: Not reported
Mailing Address: 2975 WILSHIRE BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900100000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

H48 **CANNELL & CHAFFIN, INC** **RCRA-SQG 1000312745**
WNW **3000 WILSHIRE BLVD** **FINDS CAD981446768**
1/8-1/4 **LOS ANGELES, CA 90010** **ECHO**
0.170 mi.
899 ft. **Site 4 of 7 in cluster H**

Relative:
Lower

Actual:
260 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: CANNELL & CHAFFIN, INC
Facility address: 3000 WILSHIRE BLVD
LOS ANGELES, CA 90010
EPA ID: CAD981446768
Contact: ENVIRONMENTAL MANAGER
Contact address: 3000 WILSHIRE BLVD
LOS ANGELES, CA 90010
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

CANNELL & CHAFFIN, INC (Continued) **1000312745**

NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CANNELL & CHAFFIN, INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/27/1986
Site name: CANNELL & CHAFFIN, INC
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002710095

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

CANNELL & CHAFFIN, INC (Continued) **1000312745**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000312745
Registry ID: 110002710095
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002710095

J49 **THE CLEANING STORE** **CA DRYCLEANERS** **S121697840**
North **520 S OCCIDENTAL BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90057**
0.172 mi.
907 ft. **Site 5 of 5 in cluster J**

Relative: **Lower**
Actual: **261 ft.**

DRYCLEAN SOUTH COAST:
Facility ID: 44014
Application Number: 122229
Permit Number: M41694
Status: O
Representative Name: SANFORD WESLER
Representative Telephone: 213 8205311
Permit Status: INACTIVE
BCAT Number: 000234
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number: 04
CCAT Description: VAPOR RECOVERY UNIT COMPRESS & CONDENSE
UTM East: 0
UTM North: 0

F50 **LA ST BARNABUS CENTER** **RCRA-SQG** **1000387048**
SE **675 S CARONDELT ST** **FINDS** **CAD981986466**
1/8-1/4 **LOS ANGELES, CA 90057** **ECHO**
0.174 mi.
917 ft. **Site 2 of 2 in cluster F**

Relative: **Higher**
Actual: **295 ft.**

RCRA-SQG:
Date form received by agency: 03/24/1987
Facility name: LA ST BARNABUS CENTER
Facility address: 675 S CARONDELT ST
LOS ANGELES, CA 90057
EPA ID: CAD981986466
Mailing address: 200 N MAIN RM EIGHTH HUNDREDCH
LOS ANGELES, CA 90012
Contact: ENVIRONMENTAL MANAGER
Contact address: 675 S CARONDELT ST
LOS ANGELES, CA 90057
Contact country: US
Contact telephone: 213-485-7527
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

LA ST BARNABUS CENTER (Continued) **1000387048**

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
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	CITY OF LOS ANGELES
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
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: 110002765785

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource

LA ST BARNABUS CENTER (Continued) **1000387048**

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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000387048
Registry ID:	110002765785
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002765785

51
NW
1/8-1/4
0.188 mi.
993 ft.

TARGET STORE T3216 **RCRA-SQG** **1024089780**
620 S VIRGIL AVE **CAR000278135**
LOS ANGELES, CA 90005

Relative:
Higher

Actual:
263 ft.

RCRA-SQG:

Date form received by agency:	12/12/2017
Facility name:	TARGET STORE T3216
Facility address:	620 S VIRGIL AVE SUITE 100 LOS ANGELES, CA 90005
EPA ID:	CAR000278135
Mailing address:	PO BOX 111 MINNEAPOLIS, MN 55440
Contact:	STEVE MUSSER
Contact address:	PO BOX 111 MINNEAPOLIS, MN 55440
Contact country:	US
Contact telephone:	800-587-2228
Contact email:	POC@TARGET.COM
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:	SIXTH & VIRGIL, LLC
Owner/operator address:	12121 WILSHIRE BLVD SUITE 720 LOS ANGELES, CA 90025
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	06/22/2015
Owner/Op end date:	Not reported

TARGET STORE T3216 (Continued) **1024089780**

Owner/operator name: TARGET CORPORATION
Owner/operator address: PO BOX 111
MINNEAPOLIS, MN 55440
Owner/operator country: US
Owner/operator telephone: 800-587-2228
Owner/operator email: POC@TARGET.COM
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/22/2015
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: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

. Waste code: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 132
. Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 221
. Waste name: Waste oil and mixed oil

. Waste code: 223
. Waste name: Unspecified oil-containing waste

TARGET STORE T3216 (Continued) **1024089780**

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 342
. Waste name: Organic liquids with metals (see 121)

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 512
. Waste name: Other empty containers 30 gallons or more

. Waste code: 513
. Waste name: Empty containers less than 30 gallons

. Waste code: 791
. Waste name: Liquids with pH < 2

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. 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.

. 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.

. 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

TARGET STORE T3216 (Continued) **1024089780**

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D016
. Waste name: 2,4-D

. Waste code: D018
. Waste name: BENZENE

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: P075
. Waste name: NICOTINE, & SALTS

. Waste code: U002
. Waste name: ACETONE (I)

. Waste code: U154
. Waste name: METHANOL (I)

. Waste code: U279
. Waste name: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

Violation Status: No violations found

52
West
1/8-1/4
0.190 mi.
1002 ft.

PACIFIC BELL
3020 WILSHIRE BLVD
LOS ANGELES, CA 90010

RCRA NonGen / NLR **1000250348**
FINDS **CAT080023120**
ECHO

Relative:
Higher

Actual:
263 ft.

RCRA NonGen / NLR:
Date form received by agency: 09/02/1997
Facility name: PACIFIC BELL
Facility address: 3020 WILSHIRE BLVD
LOS ANGELES, CA 90010
EPA ID: CAT080023120
Mailing address: 170 N FAIR OAKS
PASADENA, CA 91103
Contact: ENVIRONMENTAL MANAGER
Contact address: 3020 WILSHIRE BLVD
LOS ANGELES, CA 90010
Contact country: US
Contact telephone: 213-578-2827
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

PACIFIC BELL (Continued) **1000250348**

Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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: 09/01/1996
Site name: PACIFIC BELL
Classification: Small Quantity Generator

Date form received by agency: 04/09/1990
Site name: PACIFIC BELL
Classification: Large Quantity Generator

Date form received by agency: 01/19/1981
Site name: PACIFIC BELL
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002951226

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.

PACIFIC BELL (Continued) **1000250348**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000250348
Registry ID: 110002951226
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002951226

H53 **WILLIAM K SHIMABUKU** **CA LUST** **S101585385**
WNW **3033 WILSHIRE BLVD** **CA SWEEPS UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90005** **CA HIST UST**
0.191 mi. **CA FID UST**
1009 ft. **Site 5 of 7 in cluster H**

Relative: **Lower**
Actual: **262 ft.**

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900100089	
Status:	Pollution Characterization	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603791315	
W Global ID:	Not reported	
Staff:	DP	
Local Agency:	19050	
Cross Street:	HOOVER ST	
Enforcement Type:	SEL	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		3/14/2001
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	3/14/2001	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		4/25/2002
Date the Case was Closed:		Not reported
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):		5861.2558392976060362019979568
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		9/7/2001
Preliminary Site Assessment Began:		10/31/2001
Pollution Characterization Began:		2/6/2002
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		3/14/2001
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		10/12/2000
Hist Max MTBE Conc in Groundwater:		6100

WILLIAM K SHIMABUKU (Continued) **S101585385**

Hist Max MTBE Conc in Soil: 0
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: ND
Organization: Not reported
Owner Contact: Not reported
Responsible Party: MR. GIL FRY
RP Address: P.O. BOX 25376
Program: LUST
Lat/Long: 34.061763 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: REQUESTED UN URF FROM LA CITY FD.

SWEEPS UST:
Status: Active
Comp Number: 314
Number: 9
Board Of Equalization: 44-000051
Referral Date: 01-15-93
Action Date: 03-15-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000314-000001
Tank Status: A
Capacity: 280
Active Date: 04-20-88
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: 3

Status: Active
Comp Number: 314
Number: 9
Board Of Equalization: 44-000051
Referral Date: 01-15-93
Action Date: 03-15-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000314-000002
Tank Status: A
Capacity: 11763
Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 314
Number: 9
Board Of Equalization: 44-000051

WILLIAM K SHIMABUKU (Continued) **S101585385**

Referral Date: 01-15-93
Action Date: 03-15-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000314-000003
Tank Status: A
Capacity: 11763
Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:
File Number: 00028297
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028297.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:

CA FID UST:
Facility ID: 19023150
Regulated By: UTNKA
Regulated ID: 00003905
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2133845947
Mail To: Not reported
Mailing Address: 3701 WILSHIRE BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900050000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

H54 **TOSCO CORPORATION #30369** **CA UST** **U003904522**
WNW **3033 WILSHIRE BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90010**
0.191 mi.
1009 ft. **Site 6 of 7 in cluster H**

Relative: UST:
Lower Facility ID: 24196
Actual: Permitting Agency: LOS ANGELES, CITY OF
262 ft. Latitude: 34.0629843
Longitude: -118.2858746

H55 **SERVICE STATION 1000** **CA LUST** **1000166682**
WNW **3033 WILSHIRE BLVD** **CA HIST UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90005**
0.191 mi.
1009 ft. **Site 7 of 7 in cluster H**

Relative: LUST:
Lower Lead Agency: LOS ANGELES RWQCB (REGION 4)
Actual: Case Type: LUST Cleanup Site
262 ft. Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603791315
Global Id: T0603791315
Latitude: 34.061904
Longitude: -118.287317
Status: Completed - Case Closed
Status Date: 09/14/2006
Case Worker: DPP
RB Case Number: 900100089
Local Agency: LOS ANGELES, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603791315
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Global Id: T0603791315
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603791315
Action Type: ENFORCEMENT
Date: 03/07/2003
Action: Staff Letter

SERVICE STATION 1000 (Continued) **1000166682**

Global Id: T0603791315
Action Type: ENFORCEMENT
Date: 09/07/2001
Action: Staff Letter

Global Id: T0603791315
Action Type: RESPONSE
Date: 03/31/2003
Action: Interim Remedial Action Plan

Global Id: T0603791315
Action Type: ENFORCEMENT
Date: 08/28/2003
Action: Staff Letter

Global Id: T0603791315
Action Type: ENFORCEMENT
Date: 04/05/2004
Action: Staff Letter

Global Id: T0603791315
Action Type: RESPONSE
Date: 03/09/2006
Action: Soil and Water Investigation Report

Global Id: T0603791315
Action Type: RESPONSE
Date: 03/09/2006
Action: Request for Closure

Global Id: T0603791315
Action Type: RESPONSE
Date: 06/15/2006
Action: Risk Assessment Report

Global Id: T0603791315
Action Type: ENFORCEMENT
Date: 09/14/2006
Action: Closure/No Further Action Letter

Global Id: T0603791315
Action Type: ENFORCEMENT
Date: 01/23/2003
Action: Staff Letter

Global Id: T0603791315
Action Type: ENFORCEMENT
Date: 09/13/2002
Action: Staff Letter

Global Id: T0603791315
Action Type: RESPONSE
Date: 06/30/2004
Action: Soil and Water Investigation Report

Global Id: T0603791315
Action Type: REMEDIATION

SERVICE STATION 1000 (Continued) **1000166682**

Date: 09/16/1998
Action: Excavation

Global Id: T0603791315
Action Type: REMEDIATION
Date: 07/07/2004
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0603791315
Action Type: ENFORCEMENT
Date: 05/19/2006
Action: Staff Letter

Global Id: T0603791315
Action Type: ENFORCEMENT
Date: 02/06/2002
Action: Staff Letter

Global Id: T0603791315
Action Type: RESPONSE
Date: 11/17/2003
Action: Interim Remedial Action Report

Global Id: T0603791315
Action Type: RESPONSE
Date: 02/13/2004
Action: Soil and Water Investigation Report

Global Id: T0603791315
Action Type: ENFORCEMENT
Date: 02/09/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T0603791315
Action Type: Other
Date: 03/14/2001
Action: Leak Reported

Global Id: T0603791315
Action Type: RESPONSE
Date: 05/01/2002
Action: Soil and Water Investigation Report

Global Id: T0603791315
Action Type: RESPONSE
Date: 05/01/2002
Action: Request for Closure

Global Id: T0603791315
Action Type: RESPONSE
Date: 09/27/2002
Action: Other Report / Document

Global Id: T0603791315
Action Type: ENFORCEMENT
Date: 08/29/2006
Action: Site Visit / Inspection / Sampling

SERVICE STATION 1000 (Continued) **1000166682**

Global Id: T0603791315
Action Type: ENFORCEMENT
Date: 08/28/2006
Action: Notification - Preclosure

LUST:
Global Id: T0603791315
Status: Completed - Case Closed
Status Date: 09/14/2006

Global Id: T0603791315
Status: Open - Case Begin Date
Status Date: 03/14/2001

Global Id: T0603791315
Status: Open - Remediation
Status Date: 07/01/2003

Global Id: T0603791315
Status: Open - Remediation
Status Date: 10/04/2005

Global Id: T0603791315
Status: Open - Site Assessment
Status Date: 03/14/2001

Global Id: T0603791315
Status: Open - Site Assessment
Status Date: 09/07/2001

Global Id: T0603791315
Status: Open - Site Assessment
Status Date: 10/31/2001

Global Id: T0603791315
Status: Open - Site Assessment
Status Date: 02/06/2002

Global Id: T0603791315
Status: Open - Verification Monitoring
Status Date: 03/14/2001

Global Id: T0603791315
Status: Open - Verification Monitoring
Status Date: 12/13/2005

HIST UST:
File Number: 00028F58
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028F58.pdf
Region: STATE
Facility ID: 00000055776
Facility Type: Gas Station
Other Type: Not reported
Contact Name: WILLIAM K. SHIMABUKU
Telephone: 2133845947

SERVICE STATION 1000 (Continued) **1000166682**

Owner Name:	UNION OIL COMPANY OF CALIFORNI
Owner Address:	3701 WILSHIRE BOULEVARD - SUIT
Owner City,St,Zip:	LOS ANGELES, CA 90010
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000180
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	001
Container Num:	10000-4
Year Installed:	1954
Tank Capacity:	00000280
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test, 10
Tank Num:	002
Container Num:	1000-2
Year Installed:	1982
Tank Capacity:	00011763
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test, 10
Tank Num:	003
Container Num:	1000-1
Year Installed:	1982
Tank Capacity:	00011763
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test, 10

Click here for Geo Tracker PDF:

K56 **CARPENTERS PENSION TRUST BLDG** **CA SWEEPS UST** **S101584017**
NNW **2951 W 6TH ST** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90005**
0.195 mi.
1032 ft. **Site 1 of 2 in cluster K**

Relative:
Higher

Actual:
264 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	7249
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported

CARPENTERS PENSION TRUST BLDG (Continued) **S101584017**

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: 0

CA FID UST:
Facility ID: 19007899
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2130000000
Mail To: Not reported
Mailing Address: 2951 W 6TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900050000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

57
East
1/8-1/4
0.197 mi.
1039 ft.

MC ALISTER HIGH SCHOOL CYESIS
611 S CARONDELET ST
LOS ANGELES, CA 90057

RCRA-LQG **1016168201**
FINDS **CAR000241141**
ECHO

Relative:
Higher

Actual:
283 ft.

RCRA-LQG:
Date form received by agency: 07/31/2013
Facility name: MC ALISTER HIGH SCHOOL CYESIS
Facility address: 611 S CARONDELET ST
LOS ANGELES, CA 90057
EPA ID: CAR000241141
Mailing address: 333 BEAUDRY AVE
28TH FL
LOS ANGELES, CA 90017
Contact: SOE AUNG
Contact address: 333 BEAUDRY AVE 28TH FL
LOS ANGELES, CA 90017
Contact country: US
Contact telephone: 213-241-3904
Contact email: SOE.AUNG@LAUSD.NET
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

MC ALISTER HIGH SCHOOL CYESIS (Continued) **1016168201**

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:	MC ALISTER HIGH SCHOOL CYESIS
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	District
Owner/Operator Type:	Operator
Owner/Op start date:	06/17/1988
Owner/Op end date:	Not reported

Owner/operator name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Owner/operator address:	333 BEAUDRY AVE 28TH FL
	LOS ANGELES, CA 90017
Owner/operator country:	US
Owner/operator telephone:	213-241-3199
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	District
Owner/Operator Type:	Owner
Owner/Op start date:	06/17/1988
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:	181
. Waste name:	Other inorganic solid waste

. Waste code:	D008
. Waste name:	LEAD

MC ALISTER HIGH SCHOOL CYESIS (Continued) **1016168201**

Violation Status: No violations found

FINDS:

Registry ID: 110055523526

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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1016168201
Registry ID: 110055523526
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110055523526

K58 **CARPENTERS TRUST** **CA LUST S101297424**
NNW **2951 006TH ST W** **CA HIST CORTESE N/A**
1/8-1/4 **LOS ANGELES, CA 90020**
0.201 mi.
1062 ft. **Site 2 of 2 in cluster K**

Relative: **Higher**
Actual: **265 ft.**

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700601
Global Id: T0603700601
Latitude: 34.0639300387206
Longitude: -118.286061286926
Status: Completed - Case Closed
Status Date: 04/11/2011
Case Worker: DPP
RB Case Number: 900180025
Local Agency: LOS ANGELES, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603700601
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Global Id: T0603700601

CARPENTERS TRUST (Continued) **S101297424**

Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:

Global Id: T0603700601
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: REMEDIATION
Date: 08/01/2003
Action: Excavation

Global Id: T0603700601
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: ENFORCEMENT
Date: 08/19/2010
Action: Staff Letter

Global Id: T0603700601
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: ENFORCEMENT
Date: 06/09/1999
Action: Staff Letter

Global Id: T0603700601
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: ENFORCEMENT
Date: 04/30/2010
Action: Petition Submitted for Review

Global Id: T0603700601
Action Type: RESPONSE
Date: 07/15/2009

CARPENTERS TRUST (Continued) **S101297424**

Action: Monitoring Report - Semi-Annually

Global Id: T0603700601
Action Type: RESPONSE
Date: 03/31/2003
Action: Soil and Water Investigation Report

Global Id: T0603700601
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603700601
Action Type: ENFORCEMENT
Date: 04/26/2007
Action: Staff Letter

Global Id: T0603700601
Action Type: ENFORCEMENT
Date: 03/05/2002
Action: Staff Letter

Global Id: T0603700601
Action Type: ENFORCEMENT
Date: 03/16/2001
Action: * Historical Enforcement

Global Id: T0603700601
Action Type: RESPONSE
Date: 06/01/2007
Action: Interim Remedial Action Plan

Global Id: T0603700601
Action Type: REMEDIATION
Date: 12/01/2000
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0603700601
Action Type: Other
Date: 11/07/1989
Action: Leak Reported

Global Id: T0603700601
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: ENFORCEMENT
Date: 07/22/2002
Action: Staff Letter

Global Id: T0603700601
Action Type: REMEDIATION
Date: 12/01/2000
Action: In Situ Physical/Chemical Treatment (other than SVE)

CARPENTERS TRUST (Continued) **S101297424**

Global Id: T0603700601
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: ENFORCEMENT
Date: 03/07/2008
Action: Staff Letter

Global Id: T0603700601
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: RESPONSE
Date: 08/30/2002
Action: Remedial Progress Report

Global Id: T0603700601
Action Type: RESPONSE
Date: 10/01/2002
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0603700601
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: ENFORCEMENT
Date: 12/23/2002
Action: Staff Letter

Global Id: T0603700601
Action Type: RESPONSE

CARPENTERS TRUST (Continued) **S101297424**

Date: 01/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603700601
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603700601
Action Type: RESPONSE
Date: 02/08/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0603700601
Action Type: ENFORCEMENT
Date: 01/27/2010
Action: Staff Letter

Global Id: T0603700601
Action Type: RESPONSE
Date: 01/15/2011
Action: Remedial Progress Report

Global Id: T0603700601
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: ENFORCEMENT
Date: 03/14/2011
Action: Notification - Preclosure

Global Id: T0603700601
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: ENFORCEMENT
Date: 04/11/2011
Action: Closure/No Further Action Letter

Global Id: T0603700601
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

CARPENTERS TRUST (Continued) **S101297424**

Global Id: T0603700601
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: ENFORCEMENT
Date: 08/17/2007
Action: Staff Letter

Global Id: T0603700601
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: RESPONSE
Date: 07/15/2002
Action: Remedial Progress Report

Global Id: T0603700601
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700601
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603700601
Action Type: REMEDIATION
Date: 07/01/1997
Action: Other (Use Description Field)

LUST:
Global Id: T0603700601
Status: Completed - Case Closed
Status Date: 04/11/2011

Global Id: T0603700601
Status: Open - Case Begin Date
Status Date: 11/07/1989

Global Id: T0603700601
Status: Open - Remediation
Status Date: 09/11/2000

CARPENTERS TRUST (Continued) **S101297424**

Global Id: T0603700601
Status: Open - Remediation
Status Date: 09/29/2000

Global Id: T0603700601
Status: Open - Remediation
Status Date: 07/15/2002

Global Id: T0603700601
Status: Open - Remediation
Status Date: 10/08/2002

Global Id: T0603700601
Status: Open - Remediation
Status Date: 11/12/2002

Global Id: T0603700601
Status: Open - Remediation
Status Date: 01/10/2008

Global Id: T0603700601
Status: Open - Site Assessment
Status Date: 03/11/1992

Global Id: T0603700601
Status: Open - Site Assessment
Status Date: 12/28/1992

Global Id: T0603700601
Status: Open - Site Assessment
Status Date: 08/27/1996

Global Id: T0603700601
Status: Open - Verification Monitoring
Status Date: 11/07/1989

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900180025
Status: Remediation Plan
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Remove Free Product
Global ID: T0603700601
W Global ID: Not reported
Staff: DP
Local Agency: 19050
Cross Street: COMMONWEALTH AVE
Enforcement Type: SEL
Date Leak Discovered: Not reported
Date Leak First Reported: 11/7/1989
Date Leak Record Entered: 11/20/1989

CARPENTERS TRUST (Continued) **S101297424**

Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		7/25/2002
Date the Case was Closed:		Not reported
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	(FORMER UNOCAL)	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		8400.127280500126763549415919
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		3/11/1992
Preliminary Site Assessment Began:		12/28/1992
Pollution Characterization Began:		8/27/1996
Remediation Plan Submitted:		11/12/2002
Remedial Action Underway:		10/8/2002
Post Remedial Action Monitoring Began:		11/7/1989
Enforcement Action Date:		3/16/2001
Historical Max MTBE Date:		12/11/1997
Hist Max MTBE Conc in Groundwater:		160
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:	MR. THOMAS TRYON	
RP Address:	520 S. VIRGIL AVE.	
Program:	LUST	
Lat/Long:	34.0281621 / -1	
Local Agency Staff:	PEJ	
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:	900180025

L59 **FORMER UNOCAL 351679** **CA SWEEPS UST** **S101583093**
South **801 S HOOVER ST** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90005** **CA HAZNET**
0.210 mi.
1109 ft. **Site 1 of 8 in cluster L**

Relative:
Higher

Actual:
273 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	1754
Number:	Not reported
Board Of Equalization:	44-011957

FORMER UNOCAL 351679 (Continued) **S101583093**

Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-001754-000001
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 3

Status: Not reported
Comp Number: 1754
Number: Not reported
Board Of Equalization: 44-011957
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-001754-000002
Tank Status: Not reported
Capacity: 12200
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 1754
Number: Not reported
Board Of Equalization: 44-011957
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-001754-000003
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Active
Comp Number: 1754
Number: 1
Board Of Equalization: 44-011957
Referral Date: 02-24-93
Action Date: 02-24-93
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported

FORMER UNOCAL 351679 (Continued) **S101583093**

Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19002605
Regulated By: UTNKA
Regulated ID: 00029351
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2138547020
Mail To: Not reported
Mailing Address: 3701 WILSHIRE BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900050000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HAZNET:
envid: S101583093
Year: 2016
GEPAID: CAL000383539
Contact: KWAME AWUKU
Telephone: 8773866044
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing City,St,Zip: SAN RAMON, CA 945830000
Gen County: Los Angeles
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Other organic solids
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.035
Cat Decode: Other organic solids
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: S101583093
Year: 2016
GEPAID: CAL000383539
Contact: KWAME AWUKU
Telephone: 8773866044
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing City,St,Zip: SAN RAMON, CA 945830000
Gen County: Los Angeles

FORMER UNOCAL 351679 (Continued) **S101583093**

TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0136
Cat Decode:	Unspecified organic liquid mixture
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

envid:	S101583093
Year:	2015
GEPAID:	CAL000383539
Contact:	KATHY NORRIS-SLUSHER
Telephone:	8773866044
Mailing Name:	Not reported
Mailing Address:	PO BOX 6004
Mailing City,St,Zip:	SAN RAMON, CA 945830000
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.0015
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

envid:	S101583093
Year:	2015
GEPAID:	CAL000383539
Contact:	KATHY NORRIS-SLUSHER
Telephone:	8773866044
Mailing Name:	Not reported
Mailing Address:	PO BOX 6004
Mailing City,St,Zip:	SAN RAMON, CA 945830000
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0034
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

L60 **UNOCAL SERVICE STATION #2124** **CA HIST UST** **S113008806**
South **801 S HOOVER** **CA HAZNET** **N/A**
1/8-1/4 **LOS ANGELES, CA 90005**
0.210 mi.
1109 ft. **Site 2 of 8 in cluster L**

Relative:
Higher

Actual:
273 ft.

HIST UST:

File Number:	00028268
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028268.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:

HAZNET:

envid:	S113008806
Year:	1997
GEPAID:	CAD981644909
Contact:	UNION OIL COMPANY OF CALIFORNI
Telephone:	7144286560
Mailing Name:	Not reported
Mailing Address:	PO BOX 25376
Mailing City,St,Zip:	SANTA ANA, CA 927995376
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Treatment, Tank
Tons:	.0834
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles
envid:	S113008806
Year:	1996
GEPAID:	CAD981644909
Contact:	UNION OIL COMPANY OF CALIFORNI
Telephone:	7144286560
Mailing Name:	Not reported
Mailing Address:	PO BOX 25376
Mailing City,St,Zip:	SANTA ANA, CA 927995376
Gen County:	Not reported

UNOCAL SERVICE STATION #2124 (Continued) **S113008806**

TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Treatment, Tank
Tons: 3.5277
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S113008806
Year: 1995
GEPAID: CAD981644909
Contact: UNION OIL COMPANY OF CALIFORNI
Telephone: 7144286560
Mailing Name: Not reported
Mailing Address: PO BOX 25376
Mailing City,St,Zip: SANTA ANA, CA 927995376
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Recycler
Tons: 4.9206
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S113008806
Year: 1995
GEPAID: CAD981644909
Contact: UNION OIL COMPANY OF CALIFORNI
Telephone: 7144286560
Mailing Name: Not reported
Mailing Address: PO BOX 25376
Mailing City,St,Zip: SANTA ANA, CA 927995376
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Not reported
Tons: 1.0008
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S113008806
Year: 1995
GEPAID: CAD981644909
Contact: UNION OIL COMPANY OF CALIFORNI
Telephone: 7144286560
Mailing Name: Not reported
Mailing Address: PO BOX 25376
Mailing City,St,Zip: SANTA ANA, CA 927995376
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture

UNOCAL SERVICE STATION #2124 (Continued) **S113008806**

Disposal Method: Recycler
Tons: .2293
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
10 additional CA_HAZNET: record(s) in the EDR Site Report.

L61 **YS 76 AUTOCARE** **CA UST** **U003904521**
South **801 S HOOVER ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90005**
0.210 mi.
1109 ft. **Site 3 of 8 in cluster L**

Relative: **Higher**
Actual: **273 ft.**

UST:
Facility ID: Not reported
Permitting Agency: Los Angeles City Fire Department
Latitude: 34.05745
Longitude: -118.28452

Facility ID: 24177
Permitting Agency: LOS ANGELES, CITY OF
Latitude: 34.058803
Longitude: -118.283163

L62 **SERVICE STATION 2124** **CA HIST UST** **1000166634**
South **801 S HOOVER** **N/A**
1/8-1/4 **LOS ANGELES, CA 90005**
0.210 mi.
1109 ft. **Site 4 of 8 in cluster L**

Relative: **Higher**
Actual: **273 ft.**

HIST UST:
File Number: 00029285
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029285.pdf
Region: STATE
Facility ID: 00000029351
Facility Type: Gas Station
Other Type: Not reported
Contact Name: KYUNG EUI YOON
Telephone: 2133849724
Owner Name: UNION OIL COMPANY OF CALIFORNI
Owner Address: 3701 WILSHIRE BOULEVARD-SUITE
Owner City,St,Zip: LOS ANGELES, CA 90010
Total Tanks: 0003

Tank Num: 001
Container Num: 2124-1
Year Installed: 1969
Tank Capacity: 00009940
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, Pressure Test

Tank Num: 001

SERVICE STATION 2124 (Continued) **1000166634**

Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000196
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2124-2
Year Installed:	1969
Tank Capacity:	00009940
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	003
Container Num:	2124-4
Year Installed:	1969
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Pressure Test

Click here for Geo Tracker PDF:

L63 **TOSCO - 76 STATION #2124** **CA LUST S101297039**
South **801 HOOVER ST S** **CA HIST CORTESE N/A**
1/8-1/4 **LOS ANGELES, CA 90005**
0.210 mi.
1109 ft. **Site 5 of 8 in cluster L**

Relative:
Higher

Actual:
273 ft.

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700465
Global Id:	T0603700465
Latitude:	34.0574938477813
Longitude:	-118.284467643586
Status:	Open - Remediation
Status Date:	10/28/2010
Case Worker:	DMB
RB Case Number:	900050034
Local Agency:	LOS ANGELES, CITY OF
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603700465
Contact Type:	Regional Board Caseworker
Contact Name:	DAVID M. BJOSTAD
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4th Street, Suite 200

TOSCO - 76 STATION #2124 (Continued) **S101297039**

City: Los Angeles
Email: dave.bjostad@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603700465
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2016
Action: Remedial Progress Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 04/15/2011
Action: Remedial Progress Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2011
Action: Remedial Progress Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603700465
Action Type: RESPONSE
Date: 03/17/2016
Action: Other Report / Document

Global Id: T0603700465
Action Type: RESPONSE
Date: 09/08/2015

TOSCO - 76 STATION #2124 (Continued) **S101297039**

Action: Well Installation Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2012
Action: Remedial Progress Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 02/15/2018
Action: Well Destruction Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2018
Action: Remedial Progress Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603700465
Action Type: ENFORCEMENT
Date: 10/18/2001
Action: Staff Letter

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2014
Action: Monitoring Report - Semi-Annually

TOSCO - 76 STATION #2124 (Continued) **S101297039**

Global Id: T0603700465
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: ENFORCEMENT
Date: 03/09/2018
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 06/25/2008
Action: Other Workplan

Global Id: T0603700465
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 04/15/2010
Action: Remedial Progress Report

Global Id: T0603700465
Action Type: ENFORCEMENT
Date: 11/18/2014
Action: Staff Letter

Global Id: T0603700465
Action Type: Other
Date: 05/18/1990
Action: Leak Reported

Global Id: T0603700465
Action Type: RESPONSE
Date: 09/15/2018
Action: Well Installation Report

Global Id: T0603700465
Action Type: RESPONSE

TOSCO - 76 STATION #2124 (Continued) **S101297039**

Date: 01/15/2017
Action: Remedial Progress Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/18/2006
Action: Soil and Water Investigation Workplan

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2015
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0603700465
Action Type: RESPONSE
Date: 04/15/2012
Action: Remedial Progress Report

Global Id: T0603700465
Action Type: ENFORCEMENT
Date: 10/10/2017
Action: Staff Letter

Global Id: T0603700465
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603700465
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2014
Action: Remedial Progress Report

TOSCO - 76 STATION #2124 (Continued) **S101297039**

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/31/2007
Action: Well Installation Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 10/01/2008
Action: Well Destruction Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 09/15/2015
Action: Well Installation Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 04/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: Other
Date: 04/30/1990
Action: Leak Discovery

Global Id: T0603700465
Action Type: RESPONSE

TOSCO - 76 STATION #2124 (Continued) **S101297039**

Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2017
Action: Remedial Progress Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 02/03/2017
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0603700465
Action Type: RESPONSE
Date: 02/15/2015
Action: Other Report / Document

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0603700465
Action Type: ENFORCEMENT
Date: 12/21/2017
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2013
Action: Remedial Progress Report

Global Id: T0603700465
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603700465
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 10/15/2012
Action: Remedial Progress Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Semi-Annually

TOSCO - 76 STATION #2124 (Continued) **S101297039**

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2013
Action: Remedial Progress Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 12/12/2014
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0603700465
Action Type: RESPONSE
Date: 10/15/2014
Action: Site Investigation Workplan - Regulator Responded

Global Id: T0603700465
Action Type: RESPONSE
Date: 08/30/2014
Action: Well Installation Workplan - Regulator Responded

Global Id: T0603700465
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: ENFORCEMENT
Date: 06/27/2014
Action: Site Visit / Inspection / Sampling

Global Id: T0603700465
Action Type: ENFORCEMENT
Date: 07/10/2014
Action: Staff Letter

Global Id: T0603700465
Action Type: ENFORCEMENT
Date: 11/09/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0603700465
Action Type: REMEDIATION
Date: 11/14/1997
Action: Excavation

Global Id: T0603700465
Action Type: REMEDIATION
Date: 12/18/1989
Action: Excavation

Global Id: T0603700465
Action Type: REMEDIATION
Date: 04/06/2015
Action: Free Product Removal

Global Id: T0603700465
Action Type: RESPONSE

TOSCO - 76 STATION #2124 (Continued) **S101297039**

Date: 01/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0603700465
Action Type: RESPONSE
Date: 09/25/2017
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0603700465
Action Type: RESPONSE
Date: 11/30/2017
Action: Well Installation Workplan - Regulator Responded

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2010
Action: Remedial Progress Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/31/2018
Action: Other Workplan - Regulator Responded

Global Id: T0603700465
Action Type: REMEDIATION
Date: 05/01/1990
Action: Free Product Removal

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2014
Action: Remedial Progress Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2018
Action: Monitoring Report - Semi-Annually

TOSCO - 76 STATION #2124 (Continued) **S101297039**

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2018
Action: Remedial Progress Report

Global Id: T0603700465
Action Type: REMEDIATION
Date: 02/09/2004
Action: Soil Vapor Extraction (SVE)

Global Id: T0603700465
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 08/31/2004
Action: Soil and Water Investigation Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0603700465
Action Type: RESPONSE
Date: 04/30/2015
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 10/15/2010
Action: Remedial Progress Report

Global Id: T0603700465
Action Type: RESPONSE

TOSCO - 76 STATION #2124 (Continued) **S101297039**

Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 03/31/2015
Action: Other Report / Document

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700465
Action Type: RESPONSE
Date: 04/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2012
Action: Remedial Progress Report

Global Id: T0603700465
Action Type: RESPONSE
Date: 06/15/2012
Action: Well Destruction Report

Global Id: T0603700465
Action Type: REMEDIATION
Date: 04/12/2004
Action: Pump & Treat (P&T) Groundwater

Global Id: T0603700465
Action Type: REMEDIATION
Date: 07/03/1997
Action: Free Product Removal

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0603700465
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603700465
Action Type: RESPONSE
Date: 07/15/2018
Action: Monitoring Report - Semi-Annually

TOSCO - 76 STATION #2124 (Continued) **S101297039**

Global Id: T0603700465
Action Type: RESPONSE
Date: 05/19/2014
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0603700465
Action Type: ENFORCEMENT
Date: 01/16/2015
Action: Staff Letter

LUST:
Global Id: T0603700465
Status: Open - Case Begin Date
Status Date: 04/18/1990

Global Id: T0603700465
Status: Open - Remediation
Status Date: 12/01/1992

Global Id: T0603700465
Status: Open - Remediation
Status Date: 02/09/2004

Global Id: T0603700465
Status: Open - Remediation
Status Date: 04/12/2004

Global Id: T0603700465
Status: Open - Remediation
Status Date: 10/28/2010

Global Id: T0603700465
Status: Open - Site Assessment
Status Date: 04/18/1990

Global Id: T0603700465
Status: Open - Site Assessment
Status Date: 05/18/1990

Global Id: T0603700465
Status: Open - Site Assessment
Status Date: 12/01/1991

Global Id: T0603700465
Status: Open - Site Assessment
Status Date: 04/01/2002

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900050034
Status: Remediation Plan
Substance: Gasoline
Substance Quantity: Not reported

TOSCO - 76 STATION #2124 (Continued) **S101297039**

Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		FPGT
Global ID:	T0603700465	
W Global ID:	W0607701254	
Staff:	TCS	
Local Agency:	19050	
Cross Street:	8TH ST	
Enforcement Type:	LET	
Date Leak Discovered:	4/30/1990	
Date Leak First Reported:		5/18/1990
Date Leak Record Entered:	8/19/1990	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		7/15/2002
Date the Case was Closed:		Not reported
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	Loose Fitting	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	UNOCAL - JIM SCOTT	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		6766.13825973695471846825888831
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		5/18/1990
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		10/15/2000
Remediation Plan Submitted:		10/16/2001
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		9/23/2003
Hist Max MTBE Conc in Groundwater:		21000
Hist Max MTBE Conc in Soil:		5
Significant Interim Remedial Action Taken:		Yes
GW Qualifier:	=	
Soil Qualifier:	ND	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	LIZ SEWELL	
RP Address:	3525 HYLAND AVE.	
Program:	LUST	
Lat/Long:	34.0575894 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	3901254-001GEN	
Summary:	7/15/00 WP FOR OFFSITE WELL INSTALL.; 7/14/00 2ND QTR GW MON RPT; 8/2/00 DUAL-PHASE EXTRACTION RPT; 10/13/00 3RD QTR GW MON RPT 2000; 12/31/00 4TH QTR GW MON RPT 2000	

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19

TOSCO - 76 STATION #2124 (Continued) **S101297039**

Reg By: LTNKA
Reg Id: 900050034

L64 **SERVICE STATION 931** **CA FID UST** **S101586366**
South **800 S HOOVER** **N/A**
1/8-1/4 **LOS ANGELES, CA 90020**
0.219 mi.
1157 ft. **Site 6 of 8 in cluster L**

Relative:
Higher

Actual:
272 ft.

CA FID UST:
Facility ID: 19047189
Regulated By: UTNKA
Regulated ID: 00005117
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2139275339
Mail To: Not reported
Mailing Address: 12739 LAKEWOOD BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900200000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

L65 **SERVICE STATION 931** **CA SWEEPS UST** **U001560826**
South **800 S HOOVER ST** **CA HIST UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90020**
0.219 mi.
1157 ft. **Site 7 of 8 in cluster L**

Relative:
Higher

Actual:
272 ft.

SWEEPS UST:
Status: Active
Comp Number: 519
Number: 1
Board Of Equalization: 44-011245
Referral Date: 09-29-93
Action Date: 04-22-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000519-000001
Tank Status: A
Capacity: 10000
Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: Active
Comp Number: 519
Number: 1
Board Of Equalization: 44-011245

SERVICE STATION 931 (Continued) **U001560826**

Referral Date: 09-29-93
Action Date: 04-22-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000519-000002
Tank Status: A
Capacity: 5000
Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 519
Number: 1
Board Of Equalization: 44-011245
Referral Date: 09-29-93
Action Date: 04-22-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000519-000003
Tank Status: A
Capacity: 10000
Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:
File Number: 00027A4E
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027A4E.pdf
Region: STATE
Facility ID: 00000005117
Facility Type: Gas Station
Other Type: Not reported
Contact Name: Not reported
Telephone: 2139275339
Owner Name: P & M SERVICE STATIONS
Owner Address: 12739 LAKEWOOD BLVD.
Owner City,St,Zip: DOWNEY, CA 90242
Total Tanks: 0003

Tank Num: 001
Container Num: 9311
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 9312
Year Installed: Not reported
Tank Capacity: 00005000

SERVICE STATION 931 (Continued) **U001560826**

Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	9313
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

L66 **FORMER INTERNATIONAL TIRE FACILITY** **CA LUST** **S113186802**
South **800 HOOVER, SOUTH** **N/A**
1/8-1/4 **LOS ANGELES, CA 90005**
0.219 mi.
1157 ft. **Site 8 of 8 in cluster L**

Relative:
Higher

Actual:
272 ft.

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000004605
Global Id:	T10000004605
Latitude:	34.0573089
Longitude:	-118.283957
Status:	Open - Site Assessment
Status Date:	12/20/2016
Case Worker:	DMB
RB Case Number:	900050107
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T10000004605
Contact Type:	Regional Board Caseworker
Contact Name:	DAVID M. BJOSTAD
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4th Street, Suite 200
City:	Los Angeles
Email:	dave.bjostad@waterboards.ca.gov
Phone Number:	Not reported
Global Id:	T10000004605
Contact Type:	Regional Board Caseworker
Contact Name:	MATTHEW COHEN
Organization Name:	SWRCB
Address:	1001 I Street
City:	SACRAMENTO
Email:	mcohen@waterboards.ca.gov
Phone Number:	9163415751

FORMER INTERNATIONAL TIRE FACILITY (Continued) **S113186802**

LUST:

Global Id:	T10000004605
Action Type:	RESPONSE
Date:	10/15/2014
Action:	Other Report / Document
Global Id:	T10000004605
Action Type:	Other
Date:	02/28/1995
Action:	Leak Discovery
Global Id:	T10000004605
Action Type:	RESPONSE
Date:	07/15/2017
Action:	Monitoring Report - Semi-Annually
Global Id:	T10000004605
Action Type:	Other
Date:	02/14/2013
Action:	Leak Reported
Global Id:	T10000004605
Action Type:	ENFORCEMENT
Date:	12/01/2016
Action:	Meeting
Global Id:	T10000004605
Action Type:	ENFORCEMENT
Date:	01/22/2018
Action:	Staff Letter
Global Id:	T10000004605
Action Type:	RESPONSE
Date:	02/15/2017
Action:	Other Report / Document
Global Id:	T10000004605
Action Type:	RESPONSE
Date:	10/06/2017
Action:	Site Assessment Report
Global Id:	T10000004605
Action Type:	ENFORCEMENT
Date:	08/18/2014
Action:	Staff Letter
Global Id:	T10000004605
Action Type:	ENFORCEMENT
Date:	10/06/2016
Action:	Email Correspondence
Global Id:	T10000004605
Action Type:	ENFORCEMENT
Date:	01/23/2017
Action:	Email Correspondence
Global Id:	T10000004605

FORMER INTERNATIONAL TIRE FACILITY (Continued) **S113186802**

Action Type: ENFORCEMENT
Date: 10/07/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T10000004605
Action Type: RESPONSE
Date: 10/15/2014
Action: Interim Remedial Action Report

Global Id: T10000004605
Action Type: RESPONSE
Date: 04/23/2017
Action: Soil and Water Investigation Report

Global Id: T10000004605
Action Type: RESPONSE
Date: 07/15/2018
Action: Well Installation Report

Global Id: T10000004605
Action Type: RESPONSE
Date: 11/16/2017
Action: Work Plan

Global Id: T10000004605
Action Type: RESPONSE
Date: 04/30/2018
Action: Electronic Reporting Submittal Due

Global Id: T10000004605
Action Type: ENFORCEMENT
Date: 02/26/2018
Action: Site Visit / Inspection / Sampling

Global Id: T10000004605
Action Type: RESPONSE
Date: 10/15/2014
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T10000004605
Action Type: ENFORCEMENT
Date: 08/31/2012
Action: Notice to Comply

Global Id: T10000004605
Action Type: ENFORCEMENT
Date: 06/18/1990
Action: Referral to Regional Board

Global Id: T10000004605
Action Type: ENFORCEMENT
Date: 05/12/1995
Action: Technical Correspondence / Assistance / Other

Global Id: T10000004605
Action Type: RESPONSE
Date: 01/15/2018

FORMER INTERNATIONAL TIRE FACILITY (Continued) **S113186802**

Action: Monitoring Report - Semi-Annually

Global Id: T10000004605
Action Type: ENFORCEMENT
Date: 01/30/2015
Action: Staff Letter

Global Id: T10000004605
Action Type: RESPONSE
Date: 03/19/2018
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded

Global Id: T10000004605
Action Type: RESPONSE
Date: 07/15/2018
Action: Monitoring Report - Semi-Annually

Global Id: T10000004605
Action Type: RESPONSE
Date: 01/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T10000004605
Action Type: RESPONSE
Date: 11/30/2015
Action: Soil and Water Investigation Report

Global Id: T10000004605
Action Type: ENFORCEMENT
Date: 04/28/2015
Action: Staff Letter

Global Id: T10000004605
Action Type: RESPONSE
Date: 11/30/2015
Action: Soil and Water Investigation Report

Global Id: T10000004605
Action Type: RESPONSE
Date: 02/20/2018
Action: Electronic Reporting Submittal Due

Global Id: T10000004605
Action Type: ENFORCEMENT
Date: 12/20/2016
Action: Staff Letter

Global Id: T10000004605
Action Type: ENFORCEMENT
Date: 03/29/2018
Action: Staff Letter

Global Id: T10000004605
Action Type: RESPONSE
Date: 02/20/2018
Action: Other Report / Document

FORMER INTERNATIONAL TIRE FACILITY (Continued) **S113186802**

LUST:
Global Id: T10000004605
Status: Open - Case Begin Date
Status Date: 02/28/1995

Global Id: T10000004605
Status: Open - Site Assessment
Status Date: 02/19/2013

Global Id: T10000004605
Status: Open - Site Assessment
Status Date: 01/30/2015

Global Id: T10000004605
Status: Open - Site Assessment
Status Date: 12/20/2016

M67 **O E F INC** **RCRA-SQG 1001486922**
WNW **3055 WILSHIRE BLVD** **FINDS CAR000053884**
1/8-1/4 **LOS ANGELES, CA 90010** **ECHO**
0.227 mi. **CA HAZNET**
1200 ft. **Site 1 of 2 in cluster M**

Relative: Higher
Actual: 263 ft.

RCRA-SQG:
Date form received by agency: 06/28/1999
Facility name: O E F INC
Facility address: 3055 WILSHIRE BLVD
LOS ANGELES, CA 90010
EPA ID: CAR000053884
Mailing address: 100 E CORSON STE 210
PASADENA, CA 91103
Contact: BRUCE MANNING
Contact address: 100 E CORSON STE 210
PASADENA, CA 91103
Contact country: US
Contact telephone: 626-356-1009
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: OPERATING ENGINEERS FUNDS
Owner/operator address: 100 E CORSON STE 210
PASADENA, CA 91103
Owner/operator country: Not reported
Owner/operator telephone: 626-356-1009
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner

O E F INC (Continued) **1001486922**

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: D009
. Waste name: MERCURY

Violation Status: No violations found

FINDS:

Registry ID: 110002928743

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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001486922
Registry ID: 110002928743
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002928743

HAZNET:
envid: 1001486922
Year: 2000
GEPAID: CAR000053884
Contact: OPERATING ENGINEERS FUNDS
Telephone: --
Mailing Name: Not reported
Mailing Address: 100 E CORSON STE 210
Mailing City,St,Zip: PASADENA, CA 911030000
Gen County: Not reported

O E F INC (Continued) **1001486922**

TSD EPA ID:	MNR000000588
TSD County:	Not reported
Waste Category:	Polychlorinated biphenyls and material containing PCBs
Disposal Method:	Not reported
Tons:	10.66
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

M68 **OEF INC - WILSHIRE CENTRE BUILDING** **MN MANIFEST** **S119125055**
WNW **3055 WILSHIRE BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90010**
0.227 mi.
1200 ft. **Site 2 of 2 in cluster M**

Relative:
Higher

Actual:
263 ft.

MANIFEST:

Manifest ID:	660777
Generator ID:	CAR000053884
Generator AI ID:	48208
Transporter 1 ID:	CAD076548635
Transporter 1 AI ID:	45061
Transporter 1 AI Name:	High Voltage Transformer Serv
Transporter 1 Address:	233 Viking Ave
Transporter 1 City:	Brea
Transporter 1 State:	CA
Transporter 1 ZIP:	92821-3820
Transporter 2 ID:	Not reported
Transporter 2 AI ID:	Not reported
Transporter 2 AI Name:	Not reported
Transporter 2 Address:	Not reported
Transporter 2 City:	Not reported
Transporter 2 State:	Not reported
Transporter 2 ZIP:	Not reported
TSD ID:	MNR000000588
TSD AI ID:	27514
TSD AI Name:	Luminaire Recyclers Inc - Saint Paul
TSD Address:	2161 University Ave W Ste 206
TSD City:	Saint Paul
TSD State:	MN
TSD Zip:	55114
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2000-02-24 00:00:00
Gen Ship Date:	2000-02-05 00:00:00
Trans 1 Recd Date:	2000-02-05 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	2000-02-17 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	48208
Generator ID:	CAR000053884
Generator AI Name:	OEF Inc - Wilshire Centre Building
Generator Contact:	John Gates
Contact Address:	3055 Wilshire Blvd
Contact City:	Los Angeles
Contact State:	CA
Contact Zip:	90010
Contact Email:	Not reported

OEF INC - WILSHIRE CENTRE BUILDING (Continued) **S119125055**

Contact Phone: 305-903-5605

Detail:
Manifest ID: 660777
Manifest Row: 1
Haz Material Name: RQ PCBS
Haz Class Number: 9
UN NA Number: UN2315
Packing Group Number: II
Container Qty: 13
Container Code: DMML
Waste Qty: 9680
Waste Units Code: AL
Waste Code List: MN03

N69 **WHITE ELEMENTARY SCHOOL** **RCRA-LQG** **1000375400**
ESE **2401 WILSHIRE BLVD** **CAD981994619**
1/8-1/4 **LOS ANGELES, CA 90057**
0.227 mi.
1201 ft. **Site 1 of 2 in cluster N**

Relative: **Higher**
Actual: **301 ft.**

RCRA-LQG:
Date form received by agency: 04/28/2008
Facility name: WHITE ELEMENTARY SCHOOL
Facility address: 2401 WILSHIRE BLVD
LOS ANGELES, CA 90057
EPA ID: CAD981994619
Mailing address: 333 S BEAUDRY AVE
LAUSD OEHS 20TH FL
LOS ANGELES, CA 90017
Contact: SOE AUNG
Contact address: 333 S BEAUDRY AVE LAUSD OEHS 20TH FL
LOS ANGELES, CA 90017
Contact country: US
Contact telephone: 213-241-3904
Contact email: SOE.AUNG@LAUSD.NET
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: WHITE ELEMENTARY SCHOOL
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported

WHITE ELEMENTARY SCHOOL (Continued) **1000375400**

Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: District
Owner/Operator Type: Operator
Owner/Op start date: 03/04/2003
Owner/Op end date: Not reported

Owner/operator name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Owner/operator address: 333 S BEAUDRY AVE
LOS ANGELES, CA 90017
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: District
Owner/Operator Type: Owner
Owner/Op start date: 03/04/2003
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: D008
. Waste name: LEAD

Historical Generators:
Date form received by agency: 09/12/2002
Site name: OTIS NEW E S
Classification: Small Quantity Generator

Date form received by agency: 09/12/2002
Site name: OTIS NEW E S
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

WHITE ELEMENTARY SCHOOL (Continued) **1000375400**

Violation Status: No violations found

N70 **BELMONT/HOLLYWOOD ELEMENTARY SCH. NO. 1** **CA ENVIROSTOR** **S100937410**
ESE **2401 WILSHIRE BOULEVARD** **CA SCH** **N/A**
1/8-1/4 **LOS ANGELES, CA 90057**
0.227 mi.
1201 ft. **Site 2 of 2 in cluster N**

Relative:
Higher

Actual:
301 ft.

ENVIROSTOR:

Facility ID:	19820042
Status:	Certified
Status Date:	05/24/2002
Site Code:	304013
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	1.8
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.06037
Longitude:	-118.2797
APN:	5141005901
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	Arsenic Asbestos Containing Materials (ACM Chlordane DDD DDE DDT Lead Cadmium and compounds
Confirmed COC:	Arsenic Lead
Potential Description:	AQUI, SOIL
Alias Name:	BELMONT/HOLLYWOOD ELEMENTARY SCHOOL #1
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	OTIS ART INSTITUTE LAUSD/VCA
Alias Type:	Alternate Name
Alias Name:	OTIS NEW ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	5141005901
Alias Type:	APN
Alias Name:	110033618146
Alias Type:	EPA (FRS #)
Alias Name:	304013
Alias Type:	Project Code (Site Code)
Alias Name:	19820042
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported

BELMONT/HOLLYWOOD ELEMENTARY SCH. NO. 1 (Continued) **S100937410**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/24/2002
Comments: Approximately 74 tons of contaminated soil (arsenic, lead) was excavated and disposed of off-site. No further removal/remedial action is necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/15/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 07/06/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 11/08/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/24/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 04/03/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 03/25/2002
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

SCH:

Facility ID: 19820042

BELMONT/HOLLYWOOD ELEMENTARY SCH. NO. 1 (Continued) **S100937410**

Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1.8
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304013
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Certified
Status Date:	05/24/2002
Restricted Use:	NO
Funding:	School District
Latitude:	34.06037
Longitude:	-118.2797
APN:	5141005901
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	Arsenic, Asbestos Containing Materials (ACM, Chlordane, DDD, DDE, DDT, Lead, Cadmium and compounds
Confirmed COC:	Arsenic, Lead
Potential Description:	AQUI, SOIL
Alias Name:	BELMONT/HOLLYWOOD ELEMENTARY SCHOOL #1
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	OTIS ART INSTITUTE LAUSD/VCA
Alias Type:	Alternate Name
Alias Name:	OTIS NEW ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	5141005901
Alias Type:	APN
Alias Name:	110033618146
Alias Type:	EPA (FRS #)
Alias Name:	304013
Alias Type:	Project Code (Site Code)
Alias Name:	19820042
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	05/24/2002
Comments:	Approximately 74 tons of contaminated soil (arsenic, lead) was excavated and disposed of off-site. No further removal/remedial action is necessary.

BELMONT/HOLLYWOOD ELEMENTARY SCH. NO. 1 (Continued) **S100937410**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	04/15/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	07/06/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	11/08/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	05/24/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* CEQA
Completed Date:	04/03/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Public Participation
Completed Date:	03/25/2002
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

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71 **VENUS RECYCLING** **CA SWRCY** **S107138294**
SSE **2517 W 8TH ST** **N/A**
1/4-1/2 **LOS ANGELES, CA 90057**
0.255 mi.
1349 ft.

Relative:
Higher

Actual:
265 ft.

SWRCY:

Reg Id:	19079
Cert Id:	RC10421
Mailing Address:	2517 W 8th St
Mailing City:	Los Angeles
Mailing State:	CA

VENUS RECYCLING (Continued) **S107138294**

Mailing Zip Code:	90057
Website:	http://venusrecycling.business.site
Email:	rosiesaints@gmail.com
Phone Number:	(213) 365-2681
Grand Father:	N
Rural:	N
Operation Begin Date:	06/03/2000
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y
Agency:	N/A
Monday Hours Of Operation:	8:00 am - 4:30 pm
Tuesday Hours Of Operation:	8:00 am - 4:30 pm
Wednesday Hours Of Operation:	8:00 am - 4:30 pm
Thursday Hours Of Operation:	8:00 am - 4:30 pm
Friday Hours Of Operation:	8:00 am - 4:30 pm
Saturday Hours Of Operation:	8:00 am - 4:30 pm
Sunday Hours Of Operation:	8:00 am - 4:30 pm
Organization ID:	19079
Organization Name:	Venus Recycling

72
South
1/4-1/2
0.268 mi.
1415 ft.

HOOVER STREET ELEMENTARY
2726 FRANCIS AVE
LOS ANGELES, CA 90005

RCRA-SQG **1005415540**
CA ENVIROSTOR **CAR000112441**
CA SCH
FINDS
ECHO

Relative:
Higher

Actual:
264 ft.

RCRA-SQG:

Date form received by agency:	02/12/2002
Facility name:	HOOVER STREET ELEMENTARY
Facility address:	2726 FRANCIS AVE LOS ANGELES, CA 90005
EPA ID:	CAR000112441
Mailing address:	1449 S SAN PEDRO ST LOS ANGELES, CA 90015
Contact:	SOE AUNG
Contact address:	1449 S SAN PEDRO ST LOS ANGELES, CA 90015
Contact country:	US
Contact telephone:	213-743-5086
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:	L A UNIFIED SCHOOL DISTRICT
Owner/operator address:	1449 S SAN PEDRO ST LOS ANGELES, CA 90015
Owner/operator country:	Not reported
Owner/operator telephone:	213-743-5086
Owner/operator email:	Not reported

HOOVER STREET ELEMENTARY (Continued) **1005415540**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: District
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: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

Historical Generators:
Date form received by agency: 02/12/2002
Site name: HOOVER STREET ELEMENTARY
Classification: Small Quantity Generator

Violation Status: No violations found

ENVIROSTOR:
Facility ID: 19700002
Status: Certified
Status Date: 03/12/2004
Site Code: 304347
Site Type: School Cleanup
Site Type Detailed: School
Acres: .64
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District

HOOVER STREET ELEMENTARY (Continued) **1005415540**

Latitude: 34.05652
Longitude: -118.2861
APN: 5077026912
Past Use: HOTEL, HOTEL, RESIDENTIAL AREA
Potential COC: Lead Lead
Confirmed COC: Lead
Potential Description: SOIL, SOIL
Alias Name: HOOVER ELEMENTARY SCHOOL EXPANSION
Alias Type: Alternate Name
Alias Name: LAUSD-HOOVER ES
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 5077026912
Alias Type: APN
Alias Name: 110033614952
Alias Type: EPA (FRS #)
Alias Name: 304347
Alias Type: Project Code (Site Code)
Alias Name: 19700002
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: 03/29/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/23/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/22/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 12/12/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/12/2004
Comments: Not reported

HOOVER STREET ELEMENTARY (Continued) **1005415540**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	02/26/2004
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

SCH:

Facility ID:	19700002
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	.64
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304347
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Certified
Status Date:	03/12/2004
Restricted Use:	NO
Funding:	School District
Latitude:	34.05652
Longitude:	-118.2861
APN:	5077026912
Past Use:	HOTEL, HOTEL, RESIDENTIAL AREA
Potential COC:	Lead, Lead
Confirmed COC:	Lead
Potential Description:	SOIL, SOIL
Alias Name:	HOOVER ELEMENTARY SCHOOL EXPANSION
Alias Type:	Alternate Name
Alias Name:	LAUSD-HOOVER ES
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5077026912
Alias Type:	APN
Alias Name:	110033614952
Alias Type:	EPA (FRS #)
Alias Name:	304347
Alias Type:	Project Code (Site Code)

HOOVER STREET ELEMENTARY (Continued) **1005415540**

Alias Name: 19700002
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: 03/29/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/23/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/22/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 12/12/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/12/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 02/26/2004
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

FINDS:

HOOVER STREET ELEMENTARY (Continued) **1005415540**

Registry ID: 110012247899

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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1005415540
Registry ID:	110012247899
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012247899

73
South
1/4-1/2
0.334 mi.
1762 ft.

HAMER BROS. AUTO REPAIR **CA LUST** **S110504461**
901 HOOVER, SOUTH **N/A**
LOS ANGELES, CA 90006

Relative:
Lower

Actual:
247 ft.

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000002438
Global Id:	T10000002438
Latitude:	34.055655
Longitude:	-118.284501
Status:	Completed - Case Closed
Status Date:	02/11/2013
Case Worker:	DPP
RB Case Number:	900060152
Local Agency:	LOS ANGELES, CITY OF
File Location:	Regional Board
Local Case Number:	27138
Potential Media Affect:	Not reported
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T10000002438
Contact Type:	Regional Board Caseworker
Contact Name:	DANIEL PIROTTON
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	dpirotton@waterboards.ca.gov
Phone Number:	2135766714

HAMER BROS. AUTO REPAIR (Continued) **S110504461**

Global Id: T10000002438
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T10000002438
Action Type: Other
Date: 12/03/2009
Action: Leak Discovery

Global Id: T10000002438
Action Type: ENFORCEMENT
Date: 03/16/2011
Action: Staff Letter

Global Id: T10000002438
Action Type: RESPONSE
Date: 04/15/2012
Action: Monitoring Report - Quarterly

Global Id: T10000002438
Action Type: RESPONSE
Date: 03/15/2012
Action: Soil and Water Investigation Workplan

Global Id: T10000002438
Action Type: Other
Date: 05/27/2010
Action: Leak Reported

Global Id: T10000002438
Action Type: ENFORCEMENT
Date: 07/27/2011
Action: Staff Letter

Global Id: T10000002438
Action Type: RESPONSE
Date: 07/15/2011
Action: Soil and Water Investigation Workplan

Global Id: T10000002438
Action Type: ENFORCEMENT
Date: 06/14/2011
Action: Staff Letter

Global Id: T10000002438
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Quarterly

Global Id: T10000002438
Action Type: RESPONSE

HAMER BROS. AUTO REPAIR (Continued) **S110504461**

Date: 10/15/2011
Action: Site Assessment Report

Global Id: T10000002438
Action Type: RESPONSE
Date: 07/15/2012
Action: Soil and Water Investigation Report

Global Id: T10000002438
Action Type: ENFORCEMENT
Date: 02/11/2013
Action: Closure/No Further Action Letter

Global Id: T10000002438
Action Type: ENFORCEMENT
Date: 02/09/2012
Action: Staff Letter

Global Id: T10000002438
Action Type: ENFORCEMENT
Date: 12/05/2012
Action: Notification - Preclosure

Global Id: T10000002438
Action Type: RESPONSE
Date: 04/15/2011
Action: Other Report / Document

Global Id: T10000002438
Action Type: RESPONSE
Date: 07/15/2012
Action: Monitoring Report - Quarterly

Global Id: T10000002438
Action Type: RESPONSE
Date: 04/15/2013
Action: Well Destruction Report

Global Id: T10000002438
Action Type: RESPONSE
Date: 01/29/2013
Action: Other Report / Document

Global Id: T10000002438
Action Type: RESPONSE
Date: 11/30/2011
Action: Site Assessment Report

Global Id: T10000002438
Action Type: ENFORCEMENT
Date: 03/08/2011
Action: Staff Letter - #1

Global Id: T10000002438
Action Type: ENFORCEMENT
Date: 03/13/2012
Action: Staff Letter

HAMER BROS. AUTO REPAIR (Continued) **S110504461**

LUST:
Global Id: T10000002438
Status: Completed - Case Closed
Status Date: 02/11/2013

Global Id: T10000002438
Status: Open - Case Begin Date
Status Date: 12/03/2009

Global Id: T10000002438
Status: Open - Eligible for Closure
Status Date: 12/05/2012

Global Id: T10000002438
Status: Open - Site Assessment
Status Date: 08/25/2010

O74 **CENTRAL REGION MACARTHUR PARK ELEMENTARY SCHOOL** **CA ENVIROSTOR** **S109034350**
SE **PARK VIEW STREET/GRAND VIEW STREET/WEST 8TH** **CA SCH** **N/A**
1/4-1/2 **LOS ANGELES, CA 90017**
0.343 mi.
1812 ft. **Site 1 of 2 in cluster O**

Relative:
Higher

Actual:
268 ft.

ENVIROSTOR:
Facility ID: 60000831
Status: No Further Action
Status Date: 11/06/2008
Site Code: 304593
Site Type: School Investigation
Site Type Detailed: School
Acres: 1.8
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Amit Pathak
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.057
Longitude: -118.2798
APN: NONE SPECIFIED
Past Use: NONE, SCHOOL - OTHER
Potential COC: Chlordane DDD DDE DDT Endrin Lead TPH-diesel TPH-gas TPH-JET FUEL TPH-MOTOR OIL
Confirmed COC: 30024-NO 30025-NO 3002501-NO 3002502-NO 30004-NO 30006-NO 30007-NO 30008-NO 30010-NO 30013-NO
Potential Description: SOIL
Alias Name: 304593
Alias Type: Project Code (Site Code)
Alias Name: 60000831
Alias Type: Envirostor ID Number

CENTRAL REGION MACARTHUR PARK ELEMENTARY SCHOOL (Continued) **S109034350**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Master Agreement
Completed Date:	02/26/2008
Comments:	Rec'd background information for the EOA

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	10/31/2008
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	02/27/2008
Comments:	Phase I is submitted as part of the background information. No determination was necessary.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	04/16/2008
Comments:	Accepted provided Revised Scoping Document is submitted/reviewed by DTSC

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	09/05/2008
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

SCH:

Facility ID:	60000831
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1.8
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Amit Pathak
Supervisor:	Shahir Haddad

CENTRAL REGION MACARTHUR PARK ELEMENTARY SCHOOL (Continued) **S109034350**

Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304593
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	11/06/2008
Restricted Use:	NO
Funding:	School District
Latitude:	34.057
Longitude:	-118.2798
APN:	NONE SPECIFIED
Past Use:	NONE, SCHOOL - OTHER
Potential COC:	Chlordane, DDD, DDE, DDT, Endrin, Lead, TPH-diesel, TPH-gas, TPH-JET FUEL, TPH-MOTOR OIL
Confirmed COC:	30024-NO, 30025-NO, 3002501-NO, 3002502-NO, 30004-NO, 30006-NO, 30007-NO, 30008-NO, 30010-NO, 30013-NO
Potential Description:	SOIL
Alias Name:	304593
Alias Type:	Project Code (Site Code)
Alias Name:	60000831
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Master Agreement
Completed Date:	02/26/2008
Comments:	Rec'd background information for the EOA
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	10/31/2008
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	02/27/2008
Comments:	Phase I is submitted as part of the background information. No determination was necessary.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	04/16/2008
Comments:	Accepted provided Revised Scoping Document is submitted/reviewed by DTSC
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	09/05/2008
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported

CENTRAL REGION MACARTHUR PARK ELEMENTARY SCHOOL (Continued) **S109034350**

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

O75 **BELMONT/HOLLYWOOD PRIMARY CENTER NO. 3** **CA ENVIROSTOR S107735912**
SE **2300 WEST 7TH STREET** **CA SCH N/A**
1/4-1/2 **LOS ANGELES, CA 90057**
0.347 mi.
1832 ft. **Site 2 of 2 in cluster O**

Relative:
Higher

Actual:
271 ft.

ENVIROSTOR:
Facility ID: 19590002
Status: Certified
Status Date: 04/23/2001
Site Code: 300793
Site Type: School Cleanup
Site Type Detailed: School
Acres: 1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05695
Longitude: -118.2795
APN: 5141016901
Past Use: * RETIAL - MISC.
Potential COC: Lead, Organic (tetraethyl lead
Confirmed COC: 30343-NO
Potential Description: SOIL
Alias Name: BELMONT/HOLLYWOOD NEW PRIMARY CTR. #3
Alias Type: Alternate Name
Alias Name: BELMONT/HOLLYWOOD PRIMARY CTR. #3
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 5141016901
Alias Type: APN
Alias Name: 110033618155
Alias Type: EPA (FRS #)
Alias Name: 300793
Alias Type: Project Code (Site Code)
Alias Name: 19590002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE

BELMONT/HOLLYWOOD PRIMARY CENTER NO. 3 (Continued) **S107735912**

Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 04/09/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/24/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/03/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/26/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/23/2001
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

SCH:

Facility ID: 19590002
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported

BELMONT/HOLLYWOOD PRIMARY CENTER NO. 3 (Continued) **S107735912**

Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	300793
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Certified
Status Date:	04/23/2001
Restricted Use:	NO
Funding:	School District
Latitude:	34.05695
Longitude:	-118.2795
APN:	5141016901
Past Use:	* RETIAL - MISC.
Potential COC:	Lead, Organic (tetraethyl lead
Confirmed COC:	30343-NO
Potential Description:	SOIL
Alias Name:	BELMONT/HOLLYWOOD NEW PRIMARY CTR. #3
Alias Type:	Alternate Name
Alias Name:	BELMONT/HOLLYWOOD PRIMARY CTR. #3
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5141016901
Alias Type:	APN
Alias Name:	110033618155
Alias Type:	EPA (FRS #)
Alias Name:	300793
Alias Type:	Project Code (Site Code)
Alias Name:	19590002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	04/09/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	03/24/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	04/03/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

BELMONT/HOLLYWOOD PRIMARY CENTER NO. 3 (Continued) **S107735912**

Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/26/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/23/2001
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

76
WNW
1/4-1/2
0.369 mi.
1949 ft.

SHATTO INVESTMENT COMPANY
3151 006TH ST W
LOS ANGELES, CA 90020

CA LUST **S102429021**
CA HIST CORTESE **N/A**

Relative:
Lower

Actual:
262 ft.

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700639
Global Id: T0603700639
Latitude: 34.063702
Longitude: -118.2899586
Status: Completed - Case Closed
Status Date: 04/24/2009
Case Worker: DPP
RB Case Number: 900200125
Local Agency: LOS ANGELES, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603700639
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Global Id: T0603700639
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA

SHATTO INVESTMENT COMPANY (Continued) **S102429021**

Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603700639
Action Type: ENFORCEMENT
Date: 07/03/2002
Action: Staff Letter

Global Id: T0603700639
Action Type: ENFORCEMENT
Date: 10/08/2008
Action: Staff Letter

Global Id: T0603700639
Action Type: ENFORCEMENT
Date: 09/16/2008
Action: Notice to Comply

Global Id: T0603700639
Action Type: ENFORCEMENT
Date: 04/24/2009
Action: Closure/No Further Action Letter

Global Id: T0603700639
Action Type: ENFORCEMENT
Date: 12/15/2003
Action: Staff Letter

Global Id: T0603700639
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: ENFORCEMENT
Date: 08/20/1999
Action: Staff Letter

Global Id: T0603700639
Action Type: ENFORCEMENT
Date: 01/18/2001
Action: * Historical Enforcement

SHATTO INVESTMENT COMPANY (Continued) **S102429021**

Global Id: T0603700639
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 04/17/2008
Action: Request for Closure

Global Id: T0603700639
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: REMEDIATION
Date: 12/01/2001
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0603700639
Action Type: Other
Date: 05/04/1990
Action: Leak Reported

Global Id: T0603700639
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: ENFORCEMENT
Date: 10/02/2002
Action: Staff Letter

Global Id: T0603700639
Action Type: ENFORCEMENT

SHATTO INVESTMENT COMPANY (Continued) **S102429021**

Date: 07/31/2001
Action: Staff Letter

Global Id: T0603700639
Action Type: ENFORCEMENT
Date: 05/20/2002
Action: Staff Letter

Global Id: T0603700639
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 11/17/2008
Action: Other Report / Document

Global Id: T0603700639
Action Type: RESPONSE
Date: 01/15/2004
Action: Well Installation Report

Global Id: T0603700639
Action Type: RESPONSE
Date: 04/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 07/31/2002
Action: Remedial Progress Report

Global Id: T0603700639
Action Type: RESPONSE
Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 07/31/2002
Action: Other Report / Document

Global Id: T0603700639
Action Type: ENFORCEMENT
Date: 04/15/2009
Action: Site Visit / Inspection / Sampling

SHATTO INVESTMENT COMPANY (Continued) **S102429021**

Global Id: T0603700639
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: REMEDIATION
Date: 12/01/2001
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0603700639
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE

SHATTO INVESTMENT COMPANY (Continued) **S102429021**

Date: 12/20/2002
Action: Soil and Water Investigation Report

Global Id: T0603700639
Action Type: RESPONSE
Date: 12/20/2002
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0603700639
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700639
Action Type: ENFORCEMENT
Date: 06/17/2003
Action: Staff Letter

Global Id: T0603700639
Action Type: RESPONSE
Date: 07/30/2004
Action: Remedial Progress Report

Global Id: T0603700639
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

LUST:
Global Id: T0603700639
Status: Completed - Case Closed
Status Date: 04/24/2009

Global Id: T0603700639
Status: Open - Case Begin Date
Status Date: 05/04/1990

Global Id: T0603700639
Status: Open - Remediation
Status Date: 04/16/1999

Global Id: T0603700639
Status: Open - Remediation
Status Date: 01/18/2001

Global Id: T0603700639
Status: Open - Site Assessment
Status Date: 10/11/1995

Global Id: T0603700639
Status: Open - Site Assessment
Status Date: 04/10/1996

SHATTO INVESTMENT COMPANY (Continued) **S102429021**

Global Id: T0603700639
Status: Open - Site Assessment
Status Date: 03/20/1997

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900200125
Status: Remedial action (cleanup) Underway
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603700639
W Global ID: Not reported
Staff: DP
Local Agency: 19050
Cross Street: VERMONT AVE
Enforcement Type: DLSEL
Date Leak Discovered: Not reported
Date Leak First Reported: 5/4/1990
Date Leak Record Entered: 9/5/1990
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 8/16/2002
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: FORMERLY DYNO AUTO CARE
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 5358.7890980375161297646491987
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: 10/11/1995
Preliminary Site Assessment Began: 4/10/1996
Pollution Characterization Began: 3/20/1997
Remediation Plan Submitted: 3/5/2003
Remedial Action Underway: 8/22/2003
Post Remedial Action Monitoring Began: 5/4/1990
Enforcement Action Date: 1/18/2001
Historical Max MTBE Date: 4/27/1999
Hist Max MTBE Conc in Groundwater: 1470
Hist Max MTBE Conc in Soil: 0
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: ND
Organization: Not reported
Owner Contact: Not reported
Responsible Party: MERLE LEVINE
RP Address: 13238 CUMPSTON ST.
Program: LUST
Lat/Long: 34.063702 / -1

SHATTO INVESTMENT COMPANY (Continued) **S102429021**

Local Agency Staff: PEJ
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: 900200125

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77 NNE 1/4-1/2 0.399 mi. 2107 ft. **BELMONT/HOLLYWOOD PRIMARY CENTER NO. 2** **CA ENVIROSTOR S107735911**
310 SOUTH LAFAYETTE PARK PLACE **CA SCH N/A**
LOS ANGELES, CA 90057

Relative: Higher

Actual: 305 ft.

ENVIROSTOR:
Facility ID: 19880002
Status: No Further Action
Status Date: 04/02/2002
Site Code: 300792
Site Type: School Investigation
Site Type Detailed: School
Acres: 1.4
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.06642
Longitude: -118.2803
APN: 5155018059
Past Use: RESIDENTIAL AREA
Potential COC: Anthracene Copper and compounds Nickel Benzo[a]pyrene Arsenic Barium and compounds Mercury (elemental Selenium Benzo[b]fluoranthene Lead Pyrene * phenanthrene Chrysene Benz[a]anthracene Molybdenum Cobalt Zinc Fluoranthene Thallium and compounds
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: BELMONT/HOLLYWOOD NEW PRIMARY CENTER #2
Alias Type: Alternate Name
Alias Name: BELMONT/HOLLYWOOD PRIMARY CTR. #2
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 5155018059

BELMONT/HOLLYWOOD PRIMARY CENTER NO. 2 (Continued) **S107735911**

Alias Type: APN
Alias Name: 300792
Alias Type: Project Code (Site Code)
Alias Name: 19880002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/02/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/01/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/01/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 01/25/2000
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

SCH:

Facility ID: 19880002
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.4
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP

BELMONT/HOLLYWOOD PRIMARY CENTER NO. 2 (Continued) **S107735911**

Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	300792
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	04/02/2002
Restricted Use:	NO
Funding:	School District
Latitude:	34.06642
Longitude:	-118.2803
APN:	5155018059
Past Use:	RESIDENTIAL AREA
Potential COC:	Anthracene, Anthracene, Copper and compounds, Nickel, Benzo[a]pyrene, Arsenic, Barium and compounds, Mercury (elemental, Selenium, Benzo[b]fluoranthene, Lead, Pyrene, * phenanthrene, Chrysene, Benz[a]anthracene, Molybdenum, Cobalt, Zinc, Fluoranthene, Thallium and compounds
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	BELMONT/HOLLYWOOD NEW PRIMARY CENTER #2
Alias Type:	Alternate Name
Alias Name:	BELMONT/HOLLYWOOD PRIMARY CTR. #2
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5155018059
Alias Type:	APN
Alias Name:	300792
Alias Type:	Project Code (Site Code)
Alias Name:	19880002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	04/02/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	02/01/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report

BELMONT/HOLLYWOOD PRIMARY CENTER NO. 2 (Continued) **S107735911**

Completed Date: 02/01/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 01/25/2000
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

78
East
1/4-1/2
0.414 mi.
2186 ft.

MAC ARTHUR PARK
2230 6TH ST. W.
LOS ANGELES, CA 90057

CA LUST **S105692119**
N/A

Relative:
Higher

Actual:
286 ft.

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603739908
Global Id: T0603739908
Latitude: 34.060182
Longitude: -118.276333
Status: Completed - Case Closed
Status Date: 01/07/2003
Case Worker: WXT
RB Case Number: 900570216
Local Agency: LOS ANGELES, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Aviation
Site History: Not reported

LUST:
Global Id: T0603739908
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603739908
Contact Type: Regional Board Caseworker
Contact Name: WEIXING TONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported

MAC ARTHUR PARK (Continued) **S105692119**

City: R4 UNKNOWN
Email: wtong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603739908
Action Type: ENFORCEMENT
Date: 01/07/2003
Action: Closure/No Further Action Letter

Global Id: T0603739908
Action Type: ENFORCEMENT
Date: 08/23/2002
Action: Staff Letter

Global Id: T0603739908
Action Type: Other
Date: 03/31/2000
Action: Leak Stopped

Global Id: T0603739908
Action Type: Other
Date: 08/15/2000
Action: Leak Reported

Global Id: T0603739908
Action Type: Other
Date: 03/31/2000
Action: Leak Discovery

Global Id: T0603739908
Action Type: RESPONSE
Date: 10/04/2002
Action: Other Report / Document

Global Id: T0603739908
Action Type: ENFORCEMENT
Date: 01/26/2003
Action: Technical Correspondence / Assistance / Other

LUST:
Global Id: T0603739908
Status: Completed - Case Closed
Status Date: 01/07/2003

Global Id: T0603739908
Status: Open - Case Begin Date
Status Date: 03/27/2000

Global Id: T0603739908
Status: Open - Remediation
Status Date: 03/27/2000

Global Id: T0603739908
Status: Open - Site Assessment
Status Date: 03/27/2000

MAC ARTHUR PARK (Continued) **S105692119**

Global Id: T0603739908
Status: Open - Site Assessment
Status Date: 03/31/2000

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900570216	
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:	T0603739908	
W Global ID:	Not reported	
Staff:	WXT	
Local Agency:	19050	
Cross Street:	N. ALVARADO ST.	
Enforcement Type:	TA-GEN	
Date Leak Discovered:	3/31/2000	
Date Leak First Reported:		8/15/2000
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	3/31/2000	
Date Leak Stopped:	3/31/2000	
Date Case Last Changed on Database:		9/4/2002
Date the Case was Closed:		1/7/2003
How Leak Discovered:	OM	
How Leak Stopped:	Close Tank	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		Not reported
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		3/27/2000
Remediation Plan Submitted:		3/27/2000
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:		0
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	ND	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	RENE VILLA-AGUSTIN	
RP Address:	419 S. SPRING ST. 12TH FL.	
Program:	LUST	
Lat/Long:	0 / 0	

MAC ARTHUR PARK (Continued) **S105692119**

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

P79 **SHELL #204-4539-5906** **CA LUST S101297321**
WSW **700 VERMONT AVE S** **CA HIST CORTESE N/A**
1/4-1/2 **LOS ANGELES, CA 90005**
0.420 mi.
2216 ft. **Site 1 of 3 in cluster P**

Relative:
Lower

Actual:
234 ft.

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700463
Global Id: T0603700463
Latitude: 34.0596512
Longitude: -118.2914936
Status: Completed - Case Closed
Status Date: 07/22/2013
Case Worker: DPP
RB Case Number: 900050016
Local Agency: LOS ANGELES, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603700463
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Global Id: T0603700463
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603700463
Action Type: RESPONSE
Date: 06/20/2011
Action: Soil and Water Investigation Report

Global Id: T0603700463

SHELL #204-4539-5906 (Continued) **S101297321**

Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: ENFORCEMENT
Date: 11/03/2003
Action: Staff Letter

Global Id: T0603700463
Action Type: ENFORCEMENT
Date: 11/29/2012
Action: Notification - Preclosure

Global Id: T0603700463
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 11/15/2005
Action: Soil and Water Investigation Report

Global Id: T0603700463
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: ENFORCEMENT
Date: 01/28/2003
Action: Staff Letter

Global Id: T0603700463
Action Type: ENFORCEMENT
Date: 02/03/2004
Action: Staff Letter

Global Id: T0603700463
Action Type: RESPONSE
Date: 01/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603700463
Action Type: RESPONSE
Date: 10/15/2007

SHELL #204-4539-5906 (Continued) **S101297321**

Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 04/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 10/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 08/19/2002
Action: Well Installation Report

Global Id: T0603700463
Action Type: RESPONSE
Date: 08/19/2002
Action: CAP/RAP - Feasibility Study Report

Global Id: T0603700463
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: ENFORCEMENT
Date: 07/22/2013
Action: Closure/No Further Action Letter

Global Id: T0603700463
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603700463
Action Type: Other
Date: 05/07/1986
Action: Leak Reported

Global Id: T0603700463
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

SHELL #204-4539-5906 (Continued) **S101297321**

Global Id: T0603700463
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603700463
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603700463
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: ENFORCEMENT
Date: 07/19/2013
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603700463
Action Type: ENFORCEMENT
Date: 07/03/2002
Action: Staff Letter

Global Id: T0603700463
Action Type: ENFORCEMENT
Date: 04/16/2003
Action: Staff Letter

Global Id: T0603700463
Action Type: REMEDIATION
Date: 02/01/2004
Action: Other (Use Description Field)

Global Id: T0603700463
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 10/31/2003
Action: Interim Remedial Action Report

Global Id: T0603700463
Action Type: RESPONSE
Date: 03/15/2004
Action: Interim Remedial Action Report

Global Id: T0603700463
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE

SHELL #204-4539-5906 (Continued) **S101297321**

Date: 10/15/2002
Action: Interim Remedial Action Plan

Global Id: T0603700463
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 07/31/2002
Action: Other Report / Document

Global Id: T0603700463
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 01/21/2011
Action: Soil and Water Investigation Workplan

Global Id: T0603700463
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 10/15/2013
Action: Well Destruction Report

Global Id: T0603700463
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603700463
Action Type: ENFORCEMENT
Date: 08/27/1998
Action: Staff Letter

Global Id: T0603700463
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

SHELL #204-4539-5906 (Continued) **S101297321**

Global Id: T0603700463
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: ENFORCEMENT
Date: 04/24/2002
Action: Staff Letter

Global Id: T0603700463
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 09/03/2010
Action: Other Workplan

Global Id: T0603700463
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 01/31/2012
Action: Request for Closure

Global Id: T0603700463
Action Type: RESPONSE

SHELL #204-4539-5906 (Continued) **S101297321**

Date: 10/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603700463
Action Type: REMEDIATION
Date: 02/01/2004
Action: Other (Use Description Field)

Global Id: T0603700463
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 02/28/2003
Action: Soil and Water Investigation Workplan

Global Id: T0603700463
Action Type: RESPONSE
Date: 12/31/2003
Action: Interim Remedial Action Report

Global Id: T0603700463
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603700463
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700463
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Semi-Annually

LUST:
Global Id: T0603700463
Status: Completed - Case Closed
Status Date: 07/22/2013

Global Id: T0603700463
Status: Open - Case Begin Date
Status Date: 05/07/1986

SHELL #204-4539-5906 (Continued) **S101297321**

Global Id: T0603700463
Status: Open - Eligible for Closure
Status Date: 12/18/2012

Global Id: T0603700463
Status: Open - Remediation
Status Date: 12/18/2003

Global Id: T0603700463
Status: Open - Site Assessment
Status Date: 12/06/1996

Global Id: T0603700463
Status: Open - Site Assessment
Status Date: 02/12/1997

Global Id: T0603700463
Status: Open - Site Assessment
Status Date: 10/15/2002

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900050016
Status: Pollution Characterization
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603700463
W Global ID: Not reported
Staff: DP
Local Agency: 19050
Cross Street: 7TH
Enforcement Type: SEL
Date Leak Discovered: Not reported
Date Leak First Reported: 5/7/1986
Date Leak Record Entered: 12/31/1986
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 8/19/2002
Date the Case was Closed: Not reported
How Leak Discovered: Not reported
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): 5809.172249560170373888868 5156
Source of Cleanup Funding: Piping
Preliminary Site Assessment Workplan Submitted: 12/6/1996
Preliminary Site Assessment Began: 2/12/1997
Pollution Characterization Began: 2/26/2003

SHELL #204-4539-5906 (Continued) **S101297321**

Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	5/7/1986
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	9/30/1998
Hist Max MTBE Conc in Groundwater:	33000
Hist Max MTBE Conc in Soil:	1.9
Significant Interim Remedial Action Taken:	Yes
GW Qualifier:	Not reported
Soil Qualifier:	=
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	MS. DEBORAH PRYOR
RP Address:	P.O. BOX 7869
Program:	LUST
Lat/Long:	34.0596512 / -1
Local Agency Staff:	PEJ
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:	900050016

Q80 **CENTRAL LOS ANGELES HIGH SCHOOL NO. 9** **CA ENVIROSTOR** **S105628502**
East **450 SOUTH GRAND VIEW STREET** **CA SCH** **N/A**
1/4-1/2 **LOS ANGELES, CA 90057**
0.427 mi.
2254 ft. **Site 1 of 3 in cluster Q**

Relative:
Higher

Actual:
322 ft.

ENVIROSTOR:

Facility ID:	19730194
Status:	No Further Action
Status Date:	11/19/2004
Site Code:	304184
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	12
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.06129

CENTRAL LOS ANGELES HIGH SCHOOL NO. 9 (Continued) **S105628502**

Longitude: -118.2758
APN: 5154032016
Past Use: * BUSINESS SERVICES
Potential COC: 1,2,4-Trimethylbenzene Total Chromium (1:6 ratio Cr VI:Cr III Nickel Arsenic Dichlorodifluoromethane Cobalt Vanadium and compounds Ethylbenzene Polychlorinated biphenyls (PCBs Zinc Lead Xylenes Benzene Copper and compounds 1,3,5-Trimethylbenzene Chloromethane (methyl chloride Toluene
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: CENTRAL LOS ANGELES HIGH SCH. #9 (PROP)
Alias Type: Alternate Name
Alias Name: CENTRAL LOS ANGELES HIGH SCHOOL #9
Alias Type: Alternate Name
Alias Name: LAUSD-NEW H.S.#9 MEDIA/VCA
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 5154032016
Alias Type: APN
Alias Name: 110002657777
Alias Type: EPA (FRS #)
Alias Name: 304184
Alias Type: Project Code (Site Code)
Alias Name: 19730194
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: DTSC entered into a Master Oversight Agreement (Agreement), (Docket Number HSA-A 99/00-051) with the Los Angeles Unified School District (LAUSD) on February 10, 2000.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/12/2001
Comments: DTSC approved the PEA and concurred that no further environmental investigation or cleanup was required at this site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report

CENTRAL LOS ANGELES HIGH SCHOOL NO. 9 (Continued) **S105628502**

Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/27/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/27/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/19/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/25/2002
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

SCH:

Facility ID: 19730194
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 12
National Priorities List: NO

CENTRAL LOS ANGELES HIGH SCHOOL NO. 9 (Continued) **S105628502**

Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304184
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	11/19/2004
Restricted Use:	NO
Funding:	School District
Latitude:	34.06129
Longitude:	-118.2758
APN:	5154032016
Past Use:	* BUSINESS SERVICES
Potential COC:	1,2,4-Trimethylbenzene, 1,2,4-Trimethylbenzene, Total Chromium (1:6 ratio Cr VI:Cr III, Nickel, Arsenic, Dichlorodifluoromethane, Cobalt, Vanadium and compounds, Ethylbenzene, Polychlorinated biphenyls (PCBs, Zinc, Lead, Xylenes, Benzene, Copper and compounds, 1,3,5-Trimethylbenzene, Chloromethane (methyl chloride, Toluene
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	CENTRAL LOS ANGELES HIGH SCH. #9 (PROP)
Alias Type:	Alternate Name
Alias Name:	CENTRAL LOS ANGELES HIGH SCHOOL #9
Alias Type:	Alternate Name
Alias Name:	LAUSD-NEW H.S.#9 MEDIA/VCA
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5154032016
Alias Type:	APN
Alias Name:	110002657777
Alias Type:	EPA (FRS #)
Alias Name:	304184
Alias Type:	Project Code (Site Code)
Alias Name:	19730194
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	DTSC entered into a Master Oversight Agreement (Agreement), (Docket Number HSA-A 99/00-051) with the Los Angeles Unified School District (LAUSD) on February 10, 2000.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	12/12/2001
Comments:	DTSC approved the PEA and concurred that no further environmental investigation or cleanup was required at this site.

CENTRAL LOS ANGELES HIGH SCHOOL NO. 9 (Continued) **S105628502**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/27/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/27/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/19/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/25/2002
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

CENTRAL LOS ANGELES HIGH SCHOOL NO. 9 (Continued) **S105628502**

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
1/4-1/2
0.431 mi.
2278 ft.

WEST FOURTH STREET SITE
2424 WEST 4TH STREET
LOS ANGELES, CA 90057

CA ENVIROSTOR **S102860895**
N/A

Relative:
Higher

Actual:
320 ft.

ENVIROSTOR:
Facility ID: 19490210
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: * Mmonroy
Division Branch: Cleanup Chatsworth
Assembly: 54
Senate: 30
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.06397
Longitude: -118.2767
APN: 5059025014
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 5059025014
Alias Type: APN
Alias Name: 19490210
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 09/20/1990
Comments: Facility Identified: Environmental Assessment conducted by Targhee Inc. Site Screening Done: Environmental Assessment identifies Kaufman World Instruments as property owner. Legal owner on County records is West Fourth Street Apartments. Landfill- type debris, noxious liquids in soil, and petroleum/ hydrocarbon odors observed. Site encompasses 2424, 2506, 2508, and 2510 West 4th St, as well as 417 Park View St.

Completed Area Name: PROJECT WIDE

WEST FOURTH STREET SITE (Continued) **S102860895**

Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/03/1993
Comments: Site screening/file review indicates NFA for DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 09/20/1990
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

R82 **SHRINERS HOSPITAL FOR CHILDREN** **CA LUST** **S100945018**
NNW **3160 GENEVA STREET** **N/A**
1/4-1/2 **LOS ANGELES, CA 90020**
0.435 mi.
2295 ft. **Site 1 of 2 in cluster R**

Relative:
Higher

Actual:
286 ft.

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000002995
Global Id: T10000002995
Latitude: 34.0670940750741
Longitude: -118.285853415728
Status: Completed - Case Closed
Status Date: 08/05/2014
Case Worker: DPP
RB Case Number: 900200189
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T10000002995
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Global Id: T10000002995
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA

SHRINERS HOSPITAL FOR CHILDREN (Continued) **S100945018**

Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:

Global Id: T10000002995
Action Type: ENFORCEMENT
Date: 12/17/2012
Action: Referral to Regional Board - #1

Global Id: T10000002995
Action Type: Other
Date: 02/09/2011
Action: Leak Reported

Global Id: T10000002995
Action Type: RESPONSE
Date: 02/01/2013
Action: Other Report / Document

Global Id: T10000002995
Action Type: ENFORCEMENT
Date: 12/27/2012
Action: Staff Letter

Global Id: T10000002995
Action Type: ENFORCEMENT
Date: 08/05/2014
Action: Closure/No Further Action Letter

Global Id: T10000002995
Action Type: ENFORCEMENT
Date: 04/25/2011
Action: Staff Letter - #1

Global Id: T10000002995
Action Type: Other
Date: 04/04/2003
Action: Leak Discovery

Global Id: T10000002995
Action Type: ENFORCEMENT
Date: 08/05/2014
Action: Closure/No Further Action Letter

Global Id: T10000002995
Action Type: RESPONSE
Date: 03/13/2014
Action: Request for Closure - Regulator Responded

Global Id: T10000002995
Action Type: ENFORCEMENT
Date: 05/15/2014
Action: Notification - Preclosure

SHRINERS HOSPITAL FOR CHILDREN (Continued) **S100945018**

Global Id: T10000002995
Action Type: Other
Date: 04/04/2003
Action: Leak Stopped

Global Id: T10000002995
Action Type: ENFORCEMENT
Date: 10/12/2011
Action: Staff Letter

Global Id: T10000002995
Action Type: RESPONSE
Date: 09/30/2013
Action: Request for Closure - Regulator Responded

Global Id: T10000002995
Action Type: RESPONSE
Date: 07/15/2014
Action: Other Report / Document

Global Id: T10000002995
Action Type: Other
Date: 04/04/2003
Action: Leak Began

Global Id: T10000002995
Action Type: ENFORCEMENT
Date: 01/09/2014
Action: Staff Letter

LUST:
Global Id: T10000002995
Status: Completed - Case Closed
Status Date: 08/05/2014

Global Id: T10000002995
Status: Open - Case Begin Date
Status Date: 04/04/2003

Global Id: T10000002995
Status: Open - Eligible for Closure
Status Date: 05/20/2014

Global Id: T10000002995
Status: Open - Site Assessment
Status Date: 04/21/2011

S83 **CHEVRON #9-1340** **CA LUST** **S102427125**
NE **280 RAMPART BLVD S** **N/A**
1/4-1/2 **LOS ANGELES, CA 90057**
0.438 mi.
2315 ft. **Site 1 of 2 in cluster S**

Relative:
Higher

Actual:
280 ft.

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701126
Global Id:	T0603701126
Latitude:	34.0664201
Longitude:	-118.2787443
Status:	Completed - Case Closed
Status Date:	07/22/1996
Case Worker:	YR
RB Case Number:	900570025
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603701126
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id:	T0603701126
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

LUST:

Global Id:	T0603701126
Action Type:	Other
Date:	04/03/1986
Action:	Leak Reported

LUST:

Global Id:	T0603701126
Status:	Completed - Case Closed
Status Date:	07/22/1996

Global Id:	T0603701126
Status:	Open - Case Begin Date
Status Date:	04/03/1986

Global Id:	T0603701126

CHEVRON #9-1340 (Continued) **S102427125**

Status: Open - Site Assessment
Status Date: 06/09/1988

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900570025	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Excavate and Dispose
Global ID:	T0603701126	
W Global ID:	W0603700547	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	3RD	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		4/3/1986
Date Leak Record Entered:	12/31/1986	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		7/26/1988
Date the Case was Closed:		7/22/1996
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	FIRSTONE SCOUT RESRVTN (BOY SCOUT COUN)	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		5373.796069232061932666773536 7
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		6/9/1988
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Yes
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	CHEVRON USA INC	
RP Address:	1300 S BEACH BLVD, LA HABRA CA 90631	
Program:	LUST	
Lat/Long:	34.06654 / -1	
Local Agency Staff:	PEJ	

CHEVRON #9-1340 (Continued) **S102427125**

Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: 1900547-001GEN
Summary: *UNDER REVIEW BY RWQCB STAFF

T84 **CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 3** **CA ENVIROSTOR** **S107736104**
West **VERMONT AVENUE/WILSHIRE BOULEVARD** **CA SCH** **N/A**
1/4-1/2 **LOS ANGELES, CA 90020**
0.443 mi.
2337 ft. **Site 1 of 3 in cluster T**

Relative:
Lower

Actual:
253 ft.

ENVIROSTOR:
Facility ID: 19650018
Status: Certified
Status Date: 01/03/2007
Site Code: 304307
Site Type: School Cleanup
Site Type Detailed: School
Acres: 2.64
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.06162
Longitude: -118.2918
APN: 5077-009-900, 5077-009-903, 5077-009-906, 5077-009-907, 5077-009-908
Past Use: PAINT/DEPAINT FACILITY
Potential COC: Lead
Confirmed COC: Lead
Potential Description: SOIL
Alias Name: CENTRAL LOS ANGELES MIDDLE SCHOOL #3
Alias Type: Alternate Name
Alias Name: CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 3
Alias Type: Alternate Name
Alias Name: LAUSD - MIDDLE SCHOOL #3
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 5077-009-900
Alias Type: APN
Alias Name: 5077-009-903
Alias Type: APN
Alias Name: 5077-009-906
Alias Type: APN
Alias Name: 5077-009-907
Alias Type: APN
Alias Name: 5077-009-908
Alias Type: APN

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 3 (Continued) **S107736104**

Alias Name: 110033619369
Alias Type: EPA (FRS #)
Alias Name: 304307
Alias Type: Project Code (Site Code)
Alias Name: 19650018
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: 12/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 07/17/2006
Comments: Approved the SSI with recommendation for a RAW. The SSI defined the vertical and lateral extent of the lead impacted soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 08/02/2006
Comments: Issued the final RAW approval letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 08/28/2006
Comments: Approved Lead-Based Paint RACR Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.14 Request
Completed Date: 03/14/2005
Comments: Approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/12/2007
Comments: Issued CRU Memo

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/03/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Future Area Name: Not reported

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 3 (Continued) **S107736104**

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

SCH:

Facility ID:	19650018
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	2.64
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:	Southern California Schools & Brownfields Outreach
Site Code:	304307
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Certified
Status Date:	01/03/2007
Restricted Use:	NO
Funding:	School District
Latitude:	34.06162
Longitude:	-118.2918
APN:	5077-009-900, 5077-009-903, 5077-009-906, 5077-009-907, 5077-009-908
Past Use:	PAINT/DEPAINT FACILITY
Potential COC:	Lead
Confirmed COC:	Lead
Potential Description:	SOIL
Alias Name:	CENTRAL LOS ANGELES MIDDLE SCHOOL #3
Alias Type:	Alternate Name
Alias Name:	CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 3
Alias Type:	Alternate Name
Alias Name:	LAUSD - MIDDLE SCHOOL #3
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5077-009-900
Alias Type:	APN
Alias Name:	5077-009-903
Alias Type:	APN
Alias Name:	5077-009-906
Alias Type:	APN
Alias Name:	5077-009-907
Alias Type:	APN
Alias Name:	5077-009-908
Alias Type:	APN
Alias Name:	110033619369

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 3 (Continued) **S107736104**

Alias Type: EPA (FRS #)
Alias Name: 304307
Alias Type: Project Code (Site Code)
Alias Name: 19650018
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: 12/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 07/17/2006
Comments: Approved the SSI with recommendation for a RAW. The SSI defined the vertical and lateral extent of the lead impacted soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 08/02/2006
Comments: Issued the final RAW approval letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 08/28/2006
Comments: Approved Lead-Based Paint RACR Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.14 Request
Completed Date: 03/14/2005
Comments: Approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/12/2007
Comments: Issued CRU Memo

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/03/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 3 (Continued) **S107736104**

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

85
South
1/4-1/2
0.447 mi.
2360 ft.

PARK VIEW VILLAGE **CA ENVIROSTOR** **S106665605**
933 - 937 SOUTH PARK VIEW STREET **N/A**
LOS ANGELES, CA 90006

Relative:
Higher

Actual:
281 ft.

ENVIROSTOR:
Facility ID: 19000022
Status: Refer: 1248 Local Agency
Status Date: 09/27/2004
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress
Assembly: 46
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not Applicable
Latitude: 34.05401
Longitude: -118.2828
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 19000022
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: SB 1248 Notification
Completed Date: 07/17/2012
Comments: SB 1248 Reviewed.

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

PARK VIEW VILLAGE (Continued) **S106665605**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Q86 **HUMMING MOTORS** **CA LUST** **S106517304**
East **513-515 LAKE ST** **N/A**
1/4-1/2 **LOS ANGELES, CA 90057**
0.448 mi.
2367 ft. **Site 2 of 3 in cluster Q**

Relative:
Higher

Actual:
301 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900570198	
Status:	Case Closed	
Substance:	Waste Oil	
Substance Quantity:	Not reported	
Local Case No:	UNKNOWN	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603799310	
W Global ID:	Not reported	
Staff:	JH	
Local Agency:	19050	
Cross Street:	W 6TH ST.	
Enforcement Type:	CLOS	
Date Leak Discovered:	3/13/2001	
Date Leak First Reported:		9/17/2001
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	3/13/2001	
Date Case Last Changed on Database:		1/8/2002
Date the Case was Closed:		10/22/2003
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	Overfill	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		5025.368576600298638622851996
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		10/30/2001
Preliminary Site Assessment Began:		1/10/2002
Pollution Characterization Began:		2/1/2002
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:		9/28/2003
Hist Max MTBE Conc in Groundwater:		0
Hist Max MTBE Conc in Soil:		0
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	ND	
Soil Qualifier:	ND	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	MS. ANN MANNING	

HUMMING MOTORS (Continued) **S106517304**

RP Address:	2205 W. 6TH ST., #103
Program:	LUST
Lat/Long:	34.061103 / -1
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:	Haz Mat incident report filed

Q87 **HUMMING MOTORS** **CA LUST** **S109284098**
East **513-515 S LAKE ST** **N/A**
1/4-1/2 **LOS ANGELES, CA 90057**
0.448 mi.
2367 ft. **Site 3 of 3 in cluster Q**

Relative:
Higher

Actual:
301 ft.

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603799310
Global Id:	T0603799310
Latitude:	34.060817
Longitude:	-118.27589
Status:	Completed - Case Closed
Status Date:	10/22/2003
Case Worker:	JH
RB Case Number:	900570198
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	UNKNOWN
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

LUST:

Global Id:	T0603799310
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id:	T0603799310
Contact Type:	Regional Board Caseworker
Contact Name:	JAY HUANG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 WEST 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	jhuang@waterboards.ca.gov
Phone Number:	2135766711

LUST:

Global Id:	T0603799310
Action Type:	ENFORCEMENT
Date:	10/22/2003

HUMMING MOTORS (Continued) **S109284098**

Action: Closure/No Further Action Letter

Global Id: T0603799310
Action Type: RESPONSE
Date: 05/12/2003
Action: Soil and Water Investigation Report

Global Id: T0603799310
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603799310
Action Type: RESPONSE
Date: 08/28/2003
Action: Request for Closure

Global Id: T0603799310
Action Type: Other
Date: 03/13/2001
Action: Leak Stopped

Global Id: T0603799310
Action Type: Other
Date: 03/13/2001
Action: Leak Discovery

Global Id: T0603799310
Action Type: ENFORCEMENT
Date: 02/01/2002
Action: Staff Letter

Global Id: T0603799310
Action Type: Other
Date: 09/17/2001
Action: Leak Reported

Global Id: T0603799310
Action Type: ENFORCEMENT
Date: 06/11/2003
Action: Staff Letter

LUST:
Global Id: T0603799310
Status: Completed - Case Closed
Status Date: 10/22/2003

Global Id: T0603799310
Status: Open - Case Begin Date
Status Date: 03/13/2001

Global Id: T0603799310
Status: Open - Site Assessment
Status Date: 10/30/2001

Global Id: T0603799310
Status: Open - Site Assessment

HUMMING MOTORS (Continued) **S109284098**

Status Date: 01/10/2002

Global Id: T0603799310
Status: Open - Site Assessment
Status Date: 02/01/2002

S88 **PHILLIP 66 5779** **CA LUST** **S121132524**
NE **2701 3RD STREET W** **N/A**
1/4-1/2 **LOS ANGELES, CA 90057**
0.454 mi.
2398 ft. **Site 2 of 2 in cluster S**

Relative: Higher
Actual: 286 ft.

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000010816
Global Id: T10000010816
Latitude: 34.06673
Longitude: -118.27883
Status: Open - Site Assessment
Status Date: 08/14/2017
Case Worker: JR
RB Case Number: 900570243
Local Agency: Not reported
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Total Petroleum Hydrocarbons (TPH)
Site History: Not reported

LUST:
Global Id: T10000010816
Contact Type: Regional Board Caseworker
Contact Name: JAMES RYAN
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: West 4th Street, Suite 200
City: LOS ANGELES
Email: jamesw.ryan@waterboards.ca.gov
Phone Number: 2135766711

LUST:
Global Id: T10000010816
Action Type: ENFORCEMENT
Date: 03/19/2018
Action: Health and Safety Code Section 25296.10(c)

Global Id: T10000010816
Action Type: ENFORCEMENT
Date: 01/12/2018
Action: Health and Safety Code Section 25296.10(c)

Global Id: T10000010816
Action Type: Other
Date: 05/17/2017
Action: Leak Discovery

Global Id: T10000010816

PHILLIP 66 5779 (Continued) **S121132524**

Action Type: ENFORCEMENT
Date: 05/04/2018
Action: Health and Safety Code Section 25296.10(c)

Global Id: T10000010816
Action Type: ENFORCEMENT
Date: 08/14/2017
Action: Staff Letter

Global Id: T10000010816
Action Type: ENFORCEMENT
Date: 10/30/2017
Action: Health and Safety Code Section 25296.10(c)

Global Id: T10000010816
Action Type: RESPONSE
Date: 05/30/2018
Action: Correspondence

Global Id: T10000010816
Action Type: Other
Date: 05/17/2017
Action: Leak Reported

Global Id: T10000010816
Action Type: ENFORCEMENT
Date: 08/07/2018
Action: Health and Safety Code Section 25296.10(c)

Global Id: T10000010816
Action Type: ENFORCEMENT
Date: 05/17/2017
Action: Referral to Regional Board

Global Id: T10000010816
Action Type: ENFORCEMENT
Date: 09/27/2017
Action: Health and Safety Code Section 25296.10(c)

Global Id: T10000010816
Action Type: RESPONSE
Date: 09/14/2017
Action: Other Report / Document

Global Id: T10000010816
Action Type: RESPONSE
Date: 08/31/2018
Action: Soil Vapor Intrusion Investigation Report

Global Id: T10000010816
Action Type: RESPONSE
Date: 10/15/2018
Action: Site Assessment Report

Global Id: T10000010816
Action Type: RESPONSE
Date: 08/25/2017

PHILLIP 66 5779 (Continued) **S121132524**

Action: Other Report / Document

Global Id: T10000010816
Action Type: RESPONSE
Date: 02/28/2018
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T10000010816
Action Type: RESPONSE
Date: 05/30/2018
Action: Other Report / Document

Global Id: T10000010816
Action Type: RESPONSE
Date: 12/01/2017
Action: Other Report / Document

Global Id: T10000010816
Action Type: Other
Date: 05/17/2017
Action: Leak Began

Global Id: T10000010816
Action Type: RESPONSE
Date: 06/30/2018
Action: Correspondence

LUST:
Global Id: T10000010816
Status: Open - Case Begin Date
Status Date: 05/17/2017

Global Id: T10000010816
Status: Open - Inactive
Status Date: 05/17/2017

Global Id: T10000010816
Status: Open - Site Assessment
Status Date: 08/14/2017

Global Id: T10000010816
Status: Pending Review
Status Date: 08/08/2017

T89 **TEXACO STATION** **CA LUST S100853136**
West **3201 WILSHIRE** **CA HIST CORTESE N/A**
1/4-1/2 **LOS ANGELES, CA 90010**
0.458 mi.
2418 ft. **Site 2 of 3 in cluster T**

Relative: LUST:
Lower
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Actual: Case Type: LUST Cleanup Site
255 ft. Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700484
Global Id: T0603700484
Latitude: 34.062109

TEXACO STATION (Continued) **S100853136**

Longitude: -118.292051
Status: Completed - Case Closed
Status Date: 10/25/1996
Case Worker: YR
RB Case Number: 900100016
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603700484
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603700484
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

LUST:
Global Id: T0603700484
Action Type: Other
Date: 08/05/1987
Action: Leak Discovery

Global Id: T0603700484
Action Type: Other
Date: 08/05/1987
Action: Leak Stopped

Global Id: T0603700484
Action Type: Other
Date: 07/01/1987
Action: Leak Reported

LUST:
Global Id: T0603700484
Status: Completed - Case Closed
Status Date: 10/25/1996

Global Id: T0603700484
Status: Open - Case Begin Date
Status Date: 07/01/1987

Global Id: T0603700484

TEXACO STATION (Continued) **S100853136**

Status: Open - Remediation
Status Date: 10/05/1987

Global Id: T0603700484
Status: Open - Remediation
Status Date: 04/05/1989

Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603712843
Global Id: T0603712843
Latitude: 34.06211
Longitude: -118.292688
Status: Completed - Case Closed
Status Date: 01/19/2011
Case Worker: JH
RB Case Number: 900100016A
Local Agency: LOS ANGELES, CITY OF
File Location: Regional Board
Local Case Number: 30305
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603712843
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603712843
Contact Type: Regional Board Caseworker
Contact Name: JAY HUANG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 WEST 4TH STREET, SUITE 200
City: LOS ANGELES
Email: jhuang@waterboards.ca.gov
Phone Number: 2135766711

LUST:
Global Id: T0603712843
Action Type: RESPONSE
Date: 07/15/2006
Action: Other Report / Document

Global Id: T0603712843
Action Type: Other
Date: 04/25/2005
Action: Leak Discovery

Global Id: T0603712843
Action Type: ENFORCEMENT

TEXACO STATION (Continued) **S100853136**

Date: 01/19/2011
Action: Closure/No Further Action Letter

Global Id: T0603712843
Action Type: RESPONSE
Date: 08/11/2008
Action: Well Installation Workplan

Global Id: T0603712843
Action Type: RESPONSE
Date: 01/15/2008
Action: Soil and Water Investigation Report

Global Id: T0603712843
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603712843
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603712843
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603712843
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603712843
Action Type: Other
Date: 04/25/2005
Action: Leak Reported

Global Id: T0603712843
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603712843
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603712843
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603712843
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

TEXACO STATION (Continued) **S100853136**

Global Id: T0603712843
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603712843
Action Type: REMEDIATION
Date: 01/01/1987
Action: Soil Vapor Extraction (SVE)

Global Id: T0603712843
Action Type: REMEDIATION
Date: 09/01/1993
Action: Excavation

Global Id: T0603712843
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603712843
Action Type: RESPONSE
Date: 10/21/2010
Action: Request for Closure

Global Id: T0603712843
Action Type: ENFORCEMENT
Date: 12/30/2010
Action: Notification - Preclosure

Global Id: T0603712843
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603712843
Action Type: ENFORCEMENT
Date: 05/25/2006
Action: Staff Letter

Global Id: T0603712843
Action Type: RESPONSE
Date: 07/12/2010
Action: Pilot Study/ Treatability Report

Global Id: T0603712843
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603712843
Action Type: RESPONSE
Date: 05/11/2009
Action: Well Installation Report

Global Id: T0603712843
Action Type: REMEDIATION

TEXACO STATION (Continued) **S100853136**

Date: 08/01/1991
Action: Excavation

LUST:
Global Id: T0603712843
Status: Completed - Case Closed
Status Date: 01/19/2011

Global Id: T0603712843
Status: Open - Case Begin Date
Status Date: 04/25/2005

Global Id: T0603712843
Status: Open - Site Assessment
Status Date: 05/17/2006

Global Id: T0603712843
Status: Open - Site Assessment
Status Date: 01/14/2009

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900100016

T90 **TEXACO SVC STA** **RCRA-SQG** **1000144848**
West **3201 WILSHIRE BLVD** **CA LUST** **CAD981436298**
1/4-1/2 **LOS ANGELES, CA 90010** **CA SWEEPS UST**
0.458 mi. **CA HIST UST**
2418 ft. **Site 3 of 3 in cluster T** **CA EMI**

Relative:
Lower

Actual:
255 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: TEXACO SVC STA
Facility address: 3201 WILSHIRE BLVD
LOS ANGELES, CA 90010
EPA ID: CAD981436298
Mailing address: 10 UNIVERSAL CITY PLAZA
UNIVERSAL CITY, CA 91608
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:

TEXACO SVC STA (Continued) **1000144848**

Owner/operator name: TEXACO REF MKTG INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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: 02/11/1992
Site name: TEXACO SERVICE STATION
Classification: Not a generator, verified

Date form received by agency: 09/03/1986
Site name: TEXACO SVC STA
Classification: Large Quantity Generator

Violation Status: No violations found

LUST REG 4:
Region: 4
Regional Board: 04

TEXACO SVC STA (Continued) **1000144848**

County:	Los Angeles	
Facility Id:	900100016	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Pump and Treat Groundwater
Global ID:	T0603700484	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	VERMONT	
Enforcement Type:	Not reported	
Date Leak Discovered:	8/5/1987	
Date Leak First Reported:		7/1/1987
Date Leak Record Entered:	8/13/1987	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	8/5/1987	
Date Case Last Changed on Database:		2/28/1997
Date the Case was Closed:		10/25/1996
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	Tank	
Operator:	WARK, R.J.	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		5260.1857656830093029741546507
Source of Cleanup Funding:		Tank
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		10/5/1987
Remedial Action Underway:		4/5/1989
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:	TEXACO REFINING & MARKETING	
RP Address:	10 UNIVERSAL CITY PLAZA, UNIVERSAL CITY CA 91608	
Program:	LUST	
Lat/Long:	34.0618451 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	WASTE DISCHARGE REQUIREMENTS PENDING FOR PUBLIC HEARING ON 04/24/89. SOIL IS REMEDIATED BY VAPOR EXTRACTION. SOIL CLEANUP	

TEXACO SVC STA (Continued) **1000144848**

COMPLETE 12/23/93.

SWEEPS UST:
Status: Not reported
Comp Number: 1189
Number: Not reported
Board Of Equalization: 44-000217
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-001189-000001
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: 6

Status: Not reported
Comp Number: 1189
Number: Not reported
Board Of Equalization: 44-000217
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-001189-000002
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 1189
Number: Not reported
Board Of Equalization: 44-000217
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-001189-000003
Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 1189
Number: Not reported

TEXACO SVC STA (Continued) **1000144848**

Board Of Equalization: 44-000217
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-001189-000004
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 1189
Number: Not reported
Board Of Equalization: 44-000217
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-001189-000005
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 1189
Number: Not reported
Board Of Equalization: 44-000217
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-001189-000006
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:
File Number: 00028AAD
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028AAD.pdf
Region: STATE
Facility ID: 00000017369
Facility Type: Gas Station
Other Type: Not reported
Contact Name: TED JOACHIM
Telephone: 2133849938

TEXACO SVC STA (Continued) **1000144848**

Owner Name:	TEXACO U.S.A.
Owner Address:	P. O. BOX 3756 - 3350 WILSHIRE
Owner City,St,Zip:	LOS ANGELES, CA 90010
Total Tanks:	0006
Tank Num:	001
Container Num:	2
Year Installed:	1965
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	3
Year Installed:	1965
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	003
Container Num:	4
Year Installed:	1970
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	004
Container Num:	5
Year Installed:	1959
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	005
Container Num:	6
Year Installed:	1959
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	006
Container Num:	1
Year Installed:	1965
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported

TEXACO SVC STA (Continued) **1000144848**

Leak Detection: Stock Inventor, 10

Click here for Geo Tracker PDF:

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	56056
Air District Name:	SC
SIC Code:	2911
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

R91 **LOS ANGELES SHRINERS HOSPITAL** **CA LUST** **S100228823**
NNW **3169 GENEVA ST** **CA HIST CORTESE** **N/A**
1/4-1/2 **LOS ANGELES, CA 90020**
0.459 mi.
2421 ft. **Site 2 of 2 in cluster R**

Relative:
Higher

Actual:
291 ft.

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700628
Global Id:	T0603700628
Latitude:	34.0677137
Longitude:	-118.2863008
Status:	Completed - Case Closed
Status Date:	10/04/1985
Case Worker:	YR
RB Case Number:	900200016
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Aviation
Site History:	Not reported

LUST:

Global Id:	T0603700628
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id:	T0603700628
Contact Type:	Regional Board Caseworker

LOS ANGELES SHRINERS HOSPITAL (Continued) **S100228823**

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

LUST:
Global Id: T0603700628
Action Type: Other
Date: 03/22/1985
Action: Leak Reported

LUST:
Global Id: T0603700628
Status: Completed - Case Closed
Status Date: 10/04/1985

Global Id: T0603700628
Status: Open - Case Begin Date
Status Date: 03/22/1985

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900200016
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: T0603700628
W Global ID: Not reported
Staff: UNK
Local Agency: 19050
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 3/22/1985
Date Leak Record Entered: 12/31/1986
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 4/27/1988
Date the Case was Closed: 10/4/1985
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 6025.287309512804145193421048 5
Source of Cleanup Funding: UNK

LOS ANGELES SHRINERS HOSPITAL (Continued) **S100228823**

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: POZZO CONSTRUCTION CO
RP Address: 2894 ROWENE AVE., LOS ANGELES, CA 90039
Program: LUST
Lat/Long: 34.0677219 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: *CONTAMINATION NOT SIGNIFICANT. LDP COMPLETED 08/24/85.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900200016

92
WNW
1/4-1/2
0.460 mi.
2431 ft.

HERTZ RENT-A-CAR
643 S VERMONT AVE
LOS ANGELES, CA 90005

CA LUST **S101629772**
CA SWEEPS UST **N/A**
CA FID UST
CA HIST CORTESE

Relative:
Lower

Actual:
255 ft.

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700466
Global Id: T0603700466
Latitude: 34.062439
Longitude: -118.292035
Status: Completed - Case Closed
Status Date: 07/24/1996
Case Worker: YR
RB Case Number: 900050043
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

HERTZ RENT-A-CAR (Continued) **S101629772**

LUST:
Global Id: T0603700466
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603700466
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

LUST:
Global Id: T0603700466
Action Type: Other
Date: 08/03/1987
Action: Leak Discovery

Global Id: T0603700466
Action Type: Other
Date: 08/03/1987
Action: Leak Stopped

Global Id: T0603700466
Action Type: Other
Date: 08/25/1987
Action: Leak Reported

LUST:
Global Id: T0603700466
Status: Completed - Case Closed
Status Date: 07/24/1996

Global Id: T0603700466
Status: Open - Case Begin Date
Status Date: 08/03/1987

Global Id: T0603700466
Status: Open - Remediation
Status Date: 06/29/1989

Global Id: T0603700466
Status: Open - Site Assessment
Status Date: 08/25/1987

LUST REG 4:
Region: 4

HERTZ RENT-A-CAR (Continued) **S101629772**

Regional Board:	04	
County:	Los Angeles	
Facility Id:	900050043	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Pump and Treat Groundwater
Global ID:	T0603700466	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	6TH, WILSHIRE	
Enforcement Type:	Not reported	
Date Leak Discovered:	8/3/1987	
Date Leak First Reported:		8/25/1987
Date Leak Record Entered:	11/16/1987	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	8/3/1987	
Date Case Last Changed on Database:		11/25/1996
Date the Case was Closed:		7/24/1996
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	Corrosion	
Leak Source:	Tank	
Operator:	MITCH GREENBERG	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		5207.77513945001730059767035l9
Source of Cleanup Funding:		Tank
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		8/25/1987
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		6/29/1989
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:	GAGNON, D.	
RP Address:	660 MADISON AVE, NEW YORK, NY 10021	
Program:	LUST	
Lat/Long:	34.0619961 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	2ND LEAK REPORTED 03/10/89. HERTZ CORP. NJ, CONTACT SUE KLINGENSTEIN	

HERTZ RENT-A-CAR (Continued) **S101629772**

TEL (201)307-2547 SOIL CLEANUP
COMPLETE 10/31/94.

SWEEPS UST:
Status: Active
Comp Number: 3754
Number: 1
Board Of Equalization: Not reported
Referral Date: 09-22-93
Action Date: 10-07-93
Created Date: 02-29-88
Owner Tank Id: 0000003754
SWRCB Tank Id: 19-050-003754-000001
Tank Status: A
Capacity: 10000
Active Date: 09-30-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 1

CA FID UST:
Facility ID: 19001454
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2134825365
Mail To: Not reported
Mailing Address: 643 S VERMONT AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900050000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900050043

P93 **TOSCO - 76 STATION #5283 (FORMER)** **CA LUST** **S104532748**
WSW **703 VERMONT AVE S** **N/A**
1/4-1/2 **LOS ANGELES, CA 90005**
0.461 mi.
2434 ft. **Site 2 of 3 in cluster P**

Relative: LUST:
Lower
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Actual: Case Type: LUST Cleanup Site
235 ft. Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700470

TOSCO - 76 STATION #5283 (FORMER) (Continued) **S104532748**

Global Id:	T0603700470
Latitude:	34.0595952
Longitude:	-118.2917586
Status:	Completed - Case Closed
Status Date:	10/07/2013
Case Worker:	DPP
RB Case Number:	900050089
Local Agency:	LOS ANGELES, CITY OF
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603700470
Contact Type:	Regional Board Caseworker
Contact Name:	DANIEL PIROTTON
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	dpirotton@waterboards.ca.gov
Phone Number:	2135766714

Global Id:	T0603700470
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

LUST:

Global Id:	T0603700470
Action Type:	RESPONSE
Date:	07/15/2011
Action:	Monitoring Report - Semi-Annually

Global Id:	T0603700470
Action Type:	RESPONSE
Date:	07/15/2006
Action:	Monitoring Report - Quarterly

Global Id:	T0603700470
Action Type:	RESPONSE
Date:	04/15/2007
Action:	Monitoring Report - Quarterly

Global Id:	T0603700470
Action Type:	ENFORCEMENT
Date:	10/31/2003
Action:	Staff Letter

Global Id:	T0603700470
Action Type:	RESPONSE
Date:	04/15/2006

TOSCO - 76 STATION #5283 (FORMER) (Continued) **S104532748**

Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 01/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603700470
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603700470
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 11/05/2007
Action: Well Installation Report

Global Id: T0603700470
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603700470
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603700470
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603700470
Action Type: Other
Date: 09/12/1997
Action: Leak Reported

TOSCO - 76 STATION #5283 (FORMER) (Continued) **S104532748**

Global Id: T0603700470
Action Type: ENFORCEMENT
Date: 07/25/2013
Action: Notification - Preclosure

Global Id: T0603700470
Action Type: ENFORCEMENT
Date: 10/07/2013
Action: Closure/No Further Action Letter

Global Id: T0603700470
Action Type: Other
Date: 09/12/1997
Action: Leak Discovery

Global Id: T0603700470
Action Type: ENFORCEMENT
Date: 01/29/2003
Action: Staff Letter

Global Id: T0603700470
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE

TOSCO - 76 STATION #5283 (FORMER) (Continued) **S104532748**

Date: 12/01/2008
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0603700470
Action Type: RESPONSE
Date: 09/12/2008
Action: Interim Remedial Action Plan

Global Id: T0603700470
Action Type: RESPONSE
Date: 04/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 10/24/2002
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 01/10/2004
Action: Well Installation Report

Global Id: T0603700470
Action Type: RESPONSE
Date: 03/30/2007
Action: Soil and Water Investigation Workplan

Global Id: T0603700470
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 11/23/2009
Action: Pilot Study / Treatability Workplan

Global Id: T0603700470
Action Type: RESPONSE
Date: 12/02/2009
Action: Soil and Water Investigation Report

Global Id: T0603700470
Action Type: RESPONSE
Date: 01/15/2014
Action: Well Destruction Report

TOSCO - 76 STATION #5283 (FORMER) (Continued) **S104532748**

Global Id: T0603700470
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 07/28/2009
Action: Pilot Study/ Treatability Report

Global Id: T0603700470
Action Type: RESPONSE
Date: 12/05/2012
Action: Request for Closure - Regulator Responded

Global Id: T0603700470
Action Type: RESPONSE
Date: 07/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603700470
Action Type: ENFORCEMENT
Date: 05/11/2001
Action: Staff Letter

Global Id: T0603700470
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: REMEDIATION
Date: 02/01/1999
Action: Excavation

Global Id: T0603700470
Action Type: REMEDIATION
Date: 02/01/1999
Action: Other (Use Description Field)

Global Id: T0603700470
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603700470
Action Type: RESPONSE
Date: 10/20/2010
Action: Well Installation Report

Global Id: T0603700470
Action Type: RESPONSE

TOSCO - 76 STATION #5283 (FORMER) (Continued) **S104532748**

Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 01/24/2012
Action: Request for Closure

Global Id: T0603700470
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 03/15/2003
Action: Soil and Water Investigation Workplan

Global Id: T0603700470
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: ENFORCEMENT
Date: 06/17/2003
Action: Staff Letter

Global Id: T0603700470
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603700470
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700470
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

TOSCO - 76 STATION #5283 (FORMER) (Continued) **S104532748**

LUST:
Global Id: T0603700470
Status: Completed - Case Closed
Status Date: 10/07/2013

Global Id: T0603700470
Status: Open - Case Begin Date
Status Date: 09/12/1997

Global Id: T0603700470
Status: Open - Eligible for Closure
Status Date: 12/18/2012

Global Id: T0603700470
Status: Open - Site Assessment
Status Date: 04/27/1999

Global Id: T0603700470
Status: Open - Site Assessment
Status Date: 05/11/2001

Global Id: T0603700470
Status: Open - Site Assessment
Status Date: 03/30/2007

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900050089
Status: Pollution Characterization
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603700470
W Global ID: Not reported
Staff: DP
Local Agency: 19050
Cross Street: 7TH ST
Enforcement Type: DLSEL
Date Leak Discovered: 9/12/1997
Date Leak First Reported: 9/12/1997
Date Leak Record Entered: 3/10/1998
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 7/15/2002
Date the Case was Closed: Not reported
How Leak Discovered: OM
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported

TOSCO - 76 STATION #5283 (FORMER) (Continued) **S104532748**

Well Name:	Not reported	
Approx. Dist To Production Well (ft):		5763.556004919816757594263 1487
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		4/27/1999
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		3/19/2003
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		1/1/1965
Hist Max MTBE Conc in Groundwater:		27600
Hist Max MTBE Conc in Soil:		25.8
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	MS. SHARI LONDON	
RP Address:	3611 HARBOR BL., STE. #200	
Program:	LUST	
Lat/Long:	34.0595952 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	5/12/99 TRANSM. OF UST & PIPING REMOVAL RPT; 5/5/00 WORKPLAN FOR SUBSURFACE INVESTIGATION	

P94 **TOSCO/76 PRODUCTS STATION** **CA HIST CORTESE** **S104406266**
WSW **703 VERMONT** **N/A**
1/4-1/2 **LOS ANGELES, CA 90005**
0.461 mi.
2434 ft. **Site 3 of 3 in cluster P**

Relative: **Lower**

Actual: **235 ft.**

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900050089

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95 **CHEVRON STATION 93674** **RCRA-SQG** **1000857400**
WNW **561 S VERMONT AVE** **CA LUST** **CAD983668328**
1/4-1/2 **LOS ANGELES, CA 90020** **FINDS**
0.479 mi. **ECHO**
2530 ft. **CA HIST CORTESE**

Relative: **Lower**

Actual: **247 ft.**

RCRA-SQG:

Date form received by agency:	05/17/1993
Facility name:	CHEVRON STATION 93674
Facility address:	561 S VERMONT AVE LOS ANGELES, CA 90020
EPA ID:	CAD983668328
Mailing address:	P O BOX 2833

CHEVRON STATION 93674 (Continued) **1000857400**

LA HABRA, CA 90632
Contact: DESIREE CLOSS
Contact address: P O BOX 2833
LA HABRA, CA 90632
Contact country: US
Contact telephone: 310-694-7452
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: CHEVRON USA PRODUCTS CO
Owner/operator address: P O BOX 2833
LA HABRA, CA 90632
Owner/operator country: Not reported
Owner/operator telephone: 310-694-7452
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
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

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700637
Global Id: T0603700637
Latitude: 34.0642081
Longitude: -118.2916744
Status: Completed - Case Closed
Status Date: 07/26/1995

CHEVRON STATION 93674 (Continued) **1000857400**

Case Worker:	YR
RB Case Number:	900200107
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603700637
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id:	T0603700637
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

LUST:

Global Id:	T0603700637
Action Type:	Other
Date:	02/20/1991
Action:	Leak Reported

LUST:

Global Id:	T0603700637
Status:	Completed - Case Closed
Status Date:	07/26/1995

Global Id:	T0603700637
Status:	Open - Case Begin Date
Status Date:	02/20/1991

Global Id:	T0603700637
Status:	Open - Remediation
Status Date:	07/16/1992

Global Id:	T0603700637
Status:	Open - Site Assessment
Status Date:	03/18/1992

Global Id:	T0603700637
Status:	Open - Verification Monitoring
Status Date:	07/21/1995

CHEVRON STATION 93674 (Continued) **1000857400**

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900200107	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Remove Free Product
Global ID:	T0603700637	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	006TH ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		2/20/1991
Date Leak Record Entered:	7/23/1991	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		7/26/1995
Date the Case was Closed:		7/26/1995
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		4778.241167647951460432847 8843
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		3/18/1992
Remediation Plan Submitted:		7/16/1992
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		7/21/1995
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:	BLANK RP	
RP Address:	C	
Program:	LUST	
Lat/Long:	34.064264 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	

CHEVRON STATION 93674 (Continued) **1000857400**

Assigned Name: Not reported
Summary: Not reported

FINDS:

Registry ID: 110002899187

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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000857400
Registry ID: 110002899187
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002899187

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900200107

96
ESE
1/4-1/2
0.486 mi.
2565 ft.

FORMER CHEVRON #306417 (FORMER UNOCAL #0219) **CA LUST** **S104406316**
2101 8TH ST W **CA HIST CORTESE** **N/A**
LOS ANGELES, CA 90057

Relative: Higher

Actual: 275 ft.

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701137
Global Id: T0603701137
Latitude: 34.0550327752993
Longitude: -118.277896642685
Status: Open - Remediation
Status Date: 03/27/2008
Case Worker: DMB
RB Case Number: 900570152
Local Agency: LOS ANGELES, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

LUST:
Global Id: T0603701137
Contact Type: Regional Board Caseworker

FORMER CHEVRON #306417 (FORMER UNOCAL #0219) (Continued) **S104406316**

Contact Name: DAVID M. BJOSTAD
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4th Street, Suite 200
City: Los Angeles
Email: dave.bjostad@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603701137
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/15/2015
Action: Other Workplan - Regulator Responded

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/15/2005
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2005
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/07/2009
Action: Other Report / Document

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2009
Action: Remedial Progress Report

FORMER CHEVRON #306417 (FORMER UNOCAL #0219) (Continued) **S104406316**

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/30/2017
Action: Other Report / Document

Global Id: T0603701137
Action Type: ENFORCEMENT
Date: 04/05/2001
Action: Staff Letter

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/20/2015
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2007
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: ENFORCEMENT
Date: 02/19/2004
Action: Staff Letter

Global Id: T0603701137
Action Type: RESPONSE
Date: 11/21/2014
Action: Well Destruction Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE

FORMER CHEVRON #306417 (FORMER UNOCAL #0219) (Continued) **S104406316**

Date: 01/15/2017
Action: Other Report / Document

Global Id: T0603701137
Action Type: RESPONSE
Date: 02/15/2017
Action: Other Report / Document

Global Id: T0603701137
Action Type: ENFORCEMENT
Date: 01/16/2018
Action: Access Agreement

Global Id: T0603701137
Action Type: ENFORCEMENT
Date: 08/16/2018
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603701137
Action Type: RESPONSE
Date: 02/15/2018
Action: Correspondence

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603701137
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: ENFORCEMENT
Date: 06/29/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0603701137
Action Type: ENFORCEMENT
Date: 09/15/2015
Action: Staff Letter

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

FORMER CHEVRON #306417 (FORMER UNOCAL #0219) (Continued) **S104406316**

Global Id: T0603701137
Action Type: RESPONSE
Date: 04/15/2005
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 11/30/2018
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0603701137
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603701137
Action Type: RESPONSE
Date: 05/07/2015
Action: Conceptual Site Model

Global Id: T0603701137
Action Type: Other
Date: 08/28/1991
Action: Leak Reported

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2007
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603701137
Action Type: ENFORCEMENT
Date: 09/16/2002
Action: Staff Letter

Global Id: T0603701137
Action Type: RESPONSE

FORMER CHEVRON #306417 (FORMER UNOCAL #0219) (Continued) **S104406316**

Date: 11/15/2016
Action: Soil Vapor Intrusion Investigation Workplan

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/17/2003
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2004
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: ENFORCEMENT
Date: 10/17/2016
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603701137
Action Type: ENFORCEMENT
Date: 09/27/2017
Action: Access Agreement

Global Id: T0603701137
Action Type: RESPONSE
Date: 04/15/2007
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2008
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/15/2007
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/01/2008
Action: Other Workplan

FORMER CHEVRON #306417 (FORMER UNOCAL #0219) (Continued) **S104406316**

Global Id: T0603701137
Action Type: RESPONSE
Date: 04/15/2009
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/17/2002
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 03/06/2014
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0603701137
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 04/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 04/15/2004
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/17/2003
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/18/2014
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2006
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: RESPONSE

FORMER CHEVRON #306417 (FORMER UNOCAL #0219) (Continued) **S104406316**

Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 04/15/2008
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 11/30/2018
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/15/2015
Action: Other Report / Document

Global Id: T0603701137
Action Type: REMEDIATION
Date: 06/16/1999
Action: Soil Vapor Extraction (SVE)

Global Id: T0603701137
Action Type: REMEDIATION
Date: 06/25/2002
Action: Pump & Treat (P&T) Groundwater

Global Id: T0603701137
Action Type: ENFORCEMENT
Date: 07/09/2018
Action: Health and Safety Code Section 25296.10(c)

FORMER CHEVRON #306417 (FORMER UNOCAL #0219) (Continued) **S104406316**

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/15/2008
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 09/19/2013
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/25/2013
Action: Request for Closure - Regulator Responded

Global Id: T0603701137
Action Type: REMEDIATION
Date: 07/25/2005
Action: Soil Vapor Extraction (SVE)

Global Id: T0603701137
Action Type: RESPONSE
Date: 02/15/2018
Action: Other Report / Document

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/15/2018
Action: Well Destruction Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 09/02/2015
Action: Other Report / Document

Global Id: T0603701137
Action Type: REMEDIATION
Date: 07/01/1991
Action: Excavation

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/02/2018
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0603701137
Action Type: RESPONSE
Date: 05/22/2018
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0603701137
Action Type: RESPONSE

FORMER CHEVRON #306417 (FORMER UNOCAL #0219) (Continued) **S104406316**

Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: ENFORCEMENT
Date: 05/25/2004
Action: Staff Letter

Global Id: T0603701137
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 11/14/2016
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603701137
Action Type: RESPONSE
Date: 02/28/2017
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0603701137
Action Type: RESPONSE
Date: 04/15/2004
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 09/01/2004
Action: Soil and Water Investigation Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: ENFORCEMENT
Date: 08/20/2015
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

FORMER CHEVRON #306417 (FORMER UNOCAL #0219) (Continued) **S104406316**

Global Id: T0603701137
Action Type: REMEDIATION
Date: 05/27/2016
Action: Free Product Removal

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2018
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 09/27/2002
Action: CAP/RAP - Other Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 12/18/2015
Action: Soil and Water Investigation Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0603701137
Action Type: RESPONSE

FORMER CHEVRON #306417 (FORMER UNOCAL #0219) (Continued) **S104406316**

Date: 07/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603701137
Action Type: RESPONSE
Date: 04/06/2005
Action: Soil and Water Investigation Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0603701137
Action Type: ENFORCEMENT
Date: 12/07/2016
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/15/2014
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/19/2005
Action: Soil and Water Investigation Report

Global Id: T0603701137
Action Type: ENFORCEMENT
Date: 05/31/2018
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603701137
Action Type: RESPONSE
Date: 04/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2009
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0603701137
Action Type: RESPONSE
Date: 01/15/2010
Action: Remedial Progress Report

FORMER CHEVRON #306417 (FORMER UNOCAL #0219) (Continued) **S104406316**

Global Id: T0603701137
Action Type: RESPONSE
Date: 10/15/2009
Action: Remedial Progress Report

Global Id: T0603701137
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603701137
Action Type: ENFORCEMENT
Date: 12/12/2013
Action: Staff Letter

LUST:
Global Id: T0603701137
Status: Open - Case Begin Date
Status Date: 08/28/1991

Global Id: T0603701137
Status: Open - Remediation
Status Date: 06/19/1999

Global Id: T0603701137
Status: Open - Remediation
Status Date: 06/25/2002

Global Id: T0603701137
Status: Open - Remediation
Status Date: 03/27/2008

Global Id: T0603701137
Status: Open - Site Assessment
Status Date: 11/30/1999

Global Id: T0603701137
Status: Open - Site Assessment
Status Date: 04/15/2001

Global Id: T0603701137
Status: Open - Verification Monitoring
Status Date: 09/04/2007

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900570152
Status: Remedial action (cleanup) Underway
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported

FORMER CHEVRON #306417 (FORMER UNOCAL #0219) (Continued) **S104406316**

Global ID:	T0603701137	
W Global ID:	W0607701254	
Staff:	TCS	
Local Agency:	19050	
Cross Street:	ALVARADO ST	
Enforcement Type:	SEL	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		8/28/1991
Date Leak Record Entered:	8/22/1991	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		9/27/2002
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:	Not reported	
Water System:	UNOCAL - JIM SCOTT	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		4622.937656569494082007508 1912
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		4/15/2001
Remediation Plan Submitted:		4/16/2004
Remedial Action Underway:		4/16/2004
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		4/5/2001
Historical Max MTBE Date:		6/6/2000
Hist Max MTBE Conc in Groundwater:		2400
Hist Max MTBE Conc in Soil:		.021
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	=	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	PAUL CLEMOW	
RP Address:	376 S. VALENCIA AVE.	
Program:	LUST	
Lat/Long:	34.0548736 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	3901254-001GEN	
Summary:	1/9/01 4TH QTR GW MON RPT 2000; 3/2/01 EXTRACTION WELL FIELD FOR THE PROPOSED GW TREATMENT SYSTEM; 4./13/01 1ST QTR 2001 SOIL VE SYSTEM	

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900570152

97
North
1/2-1
0.581 mi.
3068 ft.

COMMONWEALTH ELEMENTARY SCHOOL ADDITION
215 SOUTH COMMONWEALTH AVENUE
LOS ANGELES, CA 90004

CA ENVIROSTOR
CA SCH
CA HAZNET

S113012696
N/A

Relative:
Higher

Actual:
291 ft.

ENVIROSTOR:

Facility ID:	19820033
Status:	Certified / Operation & Maintenance
Status Date:	12/29/2009
Site Code:	304263
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	0.7
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Johnson Abraham
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.07015
Longitude:	-118.2858
APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	Methane
Confirmed COC:	Methane
Potential Description:	SV, IA
Alias Name:	COMMONWEALTH ELEMENTARY SCHOOL ADDITION
Alias Type:	Alternate Name
Alias Name:	Commonwealth Avenue Elementary School
Alias Type:	Alternate Name
Alias Name:	LAUSD-COMMONWEALTH ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	110033613542
Alias Type:	EPA (FRS #)
Alias Name:	304263
Alias Type:	Project Code (Site Code)
Alias Name:	19820033
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/15/2016
Comments:	Annual Cost Estimates Letter, dated 09/15/16, sent to LAUSD.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/08/2014
Comments:	Not reported

COMMONWEALTH ELEMENTARY SCHOOL ADDITION (Continued) **S113012696**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/25/2017
Comments: DTSC completed the site visit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/02/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 08/02/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 10/04/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 07/20/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 08/17/2006
Comments: OMP approved in conjunction with RACR.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 06/19/2006
Comments: CH4 mitigation system start-up testing wp approved 6/19/2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 06/26/2006
Comments: commonwealth start-up testing workplan approved on 6/26/2006

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 08/17/2006
Comments: Approval of RACR.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report

COMMONWEALTH ELEMENTARY SCHOOL ADDITION (Continued) **S113012696**

Completed Date: 05/28/2009
Comments: DTSC reviewed the Operation and Maintenance report and noted that certain activities be incorporated in future O&M reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/28/2009
Comments: DTSC reviewed the Operation and Maintenance report and noted that certain activities be incorporated in future O&M reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/01/2009
Comments: DTSC reviewed the Operation and Maintenance report and requested that its comments be addressed by 09/15/2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/21/2009
Comments: DTSC reviewed the Operation and Maintenance Report and noted that an action should be taken prior to the next monitoring event. In addition, DTSC noted it had not received a response to comments on the previous O&M report and requested a response by September 24, 2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/10/2009
Comments: DTSC concurred with the recommendations of the Operation and Maintenance Report and requested a response to one comment by December 31, 2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/01/2010
Comments: DTSC concurred with the recommendations of the Operation and Maintenance Report and requested a response to four comments by March 15, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 05/01/2002
Comments: DTSC approved the Public Participation Plan, dated May 2002.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/15/2010
Comments: DTSC concurred with the recommendations of the Operation and Maintenance Report and noted discrepancies between the paper and electronic copies of the Report. DTSC pointed out that the paper copy

COMMONWEALTH ELEMENTARY SCHOOL ADDITION (Continued) **S113012696**

and the electronic copy of all submittals provided to DTSC be accurate and consistent with each other.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/17/2010
Comments: DTSC concurred with the recommendations of the Operation and Maintenance Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/15/2011
Comments: DTSC provided two comments on the Report that should be addressed in future reports. DTSC also concurred with the recommendations to reduce O&M activities to an annual basis and to remove soil vapor probe MW-1-28 from routine monitoring activities; however, monitoring should continue at soil vapor probe MW-4-15.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/15/2011
Comments: DTSC provided two comments on the Report that should be addressed in future reports. DTSC also concurred with the recommendations to reduce O&M activities to an annual basis and to remove soil vapor probe MW-1-28 from routine monitoring activities; however, monitoring should continue at soil vapor probe MW-4-15.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/19/2012
Comments: DTSC concurred with the Report recommendations: 1) no further modifications to the routine O&M activities are recommended; and 2) LAUSD have a technician inspect and service the ventilation equipment located in the electrical and elevator equipment rooms of the parking garage.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 03/29/2018
Comments: DTSC approved the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/10/2013
Comments: DTSC provided comments on the Report and requested such be addressed during field work and/or in monitoring reports. DTSC also concurred with the recommendation to continue O&M activities on an annual basis (with the next event to be conducted in December 2013).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

COMMONWEALTH ELEMENTARY SCHOOL ADDITION (Continued) **S113012696**

Completed Document Type: Operations and Maintenance Report
Completed Date: 04/02/2014
Comments: DTSC provided comments on the Report and requested such be addressed during field work and/or in monitoring reports. DTSC also concurred with the recommendations to continue O&M activities on an annual basis (with the next event to be conducted during winter recess at the end of 2014).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/25/2015
Comments: DTSC reiterated previous comments that were not addressed in the Report and requested a response to comments be provided by March 9, 2015. DTSC also concurred with the recommendations to service the supplied air system in the electrical room and to continue O&M activities on an annual basis (with the next event to be conducted during winter recess in January 2016).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/30/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/10/2016
Comments: Via email on March 10, 2016, DTSC provided notification of the DTSC project manager change for the Site, effective immediately.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 08/02/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/28/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 08/14/2006
Comments: Mailed fully executed O&M Agreement, signed 8/14/2006, to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE

COMMONWEALTH ELEMENTARY SCHOOL ADDITION (Continued) **S113012696**

Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 06/06/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 12/29/2009
Comments: DTSC certified that response action according to the DTSC-approved RAW is complete. Operation and maintenance is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/30/2017
Comments: Annual cost estimates letter sent to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/24/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 05/09/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/22/2015
Comments: Annual Cost Estimate emailed and mailed to LAUSD.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 12/31/2018
Schedule Revised Date: Not reported

SCH:

Facility ID: 19820033
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.7
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program

COMMONWEALTH ELEMENTARY SCHOOL ADDITION (Continued) **S113012696**

Project Manager:	Johnson Abraham
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304263
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Certified / Operation & Maintenance
Status Date:	12/29/2009
Restricted Use:	NO
Funding:	School District
Latitude:	34.07015
Longitude:	-118.2858
APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	Methane
Confirmed COC:	Methane
Potential Description:	SV, IA
Alias Name:	COMMONWEALTH ELEMENTARY SCHOOL ADDITION
Alias Type:	Alternate Name
Alias Name:	Commonwealth Avenue Elementary School
Alias Type:	Alternate Name
Alias Name:	LAUSD-COMMONWEALTH ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	110033613542
Alias Type:	EPA (FRS #)
Alias Name:	304263
Alias Type:	Project Code (Site Code)
Alias Name:	19820033
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/15/2016
Comments:	Annual Cost Estimates Letter, dated 09/15/16, sent to LAUSD.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/08/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	01/25/2017
Comments:	DTSC completed the site visit.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	04/02/2002
Comments:	Not reported

COMMONWEALTH ELEMENTARY SCHOOL ADDITION (Continued) **S113012696**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 08/02/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 10/04/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 07/20/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 08/17/2006
Comments: OMP approved in conjunction with RACR.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 06/19/2006
Comments: CH4 mitigation system start-up testing wp approved 6/19/2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 06/26/2006
Comments: commonwealth start-up testing workplan approved on 6/26/2006

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 08/17/2006
Comments: Approval of RACR.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/28/2009
Comments: DTSC reviewed the Operation and Maintenance report and noted that certain activities be incorporated in future O&M reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/28/2009
Comments: DTSC reviewed the Operation and Maintenance report and noted that certain activities be incorporated in future O&M reports.

Completed Area Name: PROJECT WIDE

COMMONWEALTH ELEMENTARY SCHOOL ADDITION (Continued) **S113012696**

Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/01/2009
Comments: DTSC reviewed the Operation and Maintenance report and requested that its comments be addressed by 09/15/2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/21/2009
Comments: DTSC reviewed the Operation and Maintenance Report and noted that an action should be taken prior to the next monitoring event. In addition, DTSC noted it had not received a response to comments on the previous O&M report and requested a response by September 24, 2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/10/2009
Comments: DTSC concurred with the recommendations of the Operation and Maintenance Report and requested a response to one comment by December 31, 2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/01/2010
Comments: DTSC concurred with the recommendations of the Operation and Maintenance Report and requested a response to four comments by March 15, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 05/01/2002
Comments: DTSC approved the Public Participation Plan, dated May 2002.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/15/2010
Comments: DTSC concurred with the recommendations of the Operation and Maintenance Report and noted discrepancies between the paper and electronic copies of the Report. DTSC pointed out that the paper copy and the electronic copy of all submittals provided to DTSC be accurate and consistent with each other.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/17/2010
Comments: DTSC concurred with the recommendations of the Operation and Maintenance Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

COMMONWEALTH ELEMENTARY SCHOOL ADDITION (Continued) **S113012696**

Completed Document Type: 5 Year Review Reports
Completed Date: 06/15/2011
Comments: DTSC provided two comments on the Report that should be addressed in future reports. DTSC also concurred with the recommendations to reduce O&M activities to an annual basis and to remove soil vapor probe MW-1-28 from routine monitoring activities; however, monitoring should continue at soil vapor probe MW-4-15.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/15/2011
Comments: DTSC provided two comments on the Report that should be addressed in future reports. DTSC also concurred with the recommendations to reduce O&M activities to an annual basis and to remove soil vapor probe MW-1-28 from routine monitoring activities; however, monitoring should continue at soil vapor probe MW-4-15.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/19/2012
Comments: DTSC concurred with the Report recommendations: 1) no further modifications to the routine O&M activities are recommended; and 2) LAUSD have a technician inspect and service the ventilation equipment located in the electrical and elevator equipment rooms of the parking garage.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 03/29/2018
Comments: DTSC approved the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/10/2013
Comments: DTSC provided comments on the Report and requested such be addressed during field work and/or in monitoring reports. DTSC also concurred with the recommendation to continue O&M activities on an annual basis (with the next event to be conducted in December 2013).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/02/2014
Comments: DTSC provided comments on the Report and requested such be addressed during field work and/or in monitoring reports. DTSC also concurred with the recommendations to continue O&M activities on an annual basis (with the next event to be conducted during winter recess at the end of 2014).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/25/2015

COMMONWEALTH ELEMENTARY SCHOOL ADDITION (Continued) **S113012696**

Comments: DTSC reiterated previous comments that were not addressed in the Report and requested a response to comments be provided by March 9, 2015. DTSC also concurred with the recommendations to service the supplied air system in the electrical room and to continue O&M activities on an annual basis (with the next event to be conducted during winter recess in January 2016).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/30/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/10/2016
Comments: Via email on March 10, 2016, DTSC provided notification of the DTSC project manager change for the Site, effective immediately.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 08/02/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/28/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 08/14/2006
Comments: Mailed fully executed O&M Agreement, signed 8/14/2006, to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 06/06/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 12/29/2009
Comments: DTSC certified that response action according to the DTSC-approved RAW is complete. Operation and maintenance is required.

COMMONWEALTH ELEMENTARY SCHOOL ADDITION (Continued) **S113012696**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/30/2017
Comments: Annual cost estimates letter sent to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/24/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 05/09/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/22/2015
Comments: Annual Cost Estimate emailed and mailed to LAUSD.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 12/31/2018
Schedule Revised Date: Not reported

HAZNET:
envid: S113012696
Year: 2008
GEPAID: CAD982024598
Contact: YI HWA KIM DEPUTY DIRECTOR
Telephone: 2137435086
Mailing Name: Not reported
Mailing Address: 333 S Beaudry Ave 20th Fl
Mailing City,St,Zip: Los Angeles, CA 900170000
Gen County: Not reported
TSD EPA ID: CAD099452708
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 2.47
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S113012696
Year: 2007
GEPAID: CAD982024598

COMMONWEALTH ELEMENTARY SCHOOL ADDITION (Continued) **S113012696**

Contact:	YI HWA KIM DEPUTY DIRECTOR
Telephone:	2137435086
Mailing Name:	Not reported
Mailing Address:	333 S Beaudry Ave 20th Fl
Mailing City,St,Zip:	Los Angeles, CA 900170000
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

envid:	S113012696
Year:	2006
GEPAID:	CAD982024598
Contact:	YI HWA KIM DEPUTY DIRECTOR
Telephone:	2137435086
Mailing Name:	Not reported
Mailing Address:	333 S Beaudry Ave 20th Fl
Mailing City,St,Zip:	Los Angeles, CA 900170000
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.2
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

envid:	S113012696
Year:	2006
GEPAID:	CAD982024598
Contact:	YI HWA KIM DEPUTY DIRECTOR
Telephone:	2137435086
Mailing Name:	Not reported
Mailing Address:	333 S Beaudry Ave 20th Fl
Mailing City,St,Zip:	Los Angeles, CA 900170000
Gen County:	Not reported
TSD EPA ID:	CAD980884183
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.05
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

envid:	S113012696
Year:	2005
GEPAID:	CAD982024598

COMMONWEALTH ELEMENTARY SCHOOL ADDITION (Continued) **S113012696**

Contact:	YI HWA KIM DEPUTY DIRECTOR
Telephone:	2137435086
Mailing Name:	Not reported
Mailing Address:	333 S Beaudry Ave 20th Fl
Mailing City,St,Zip:	Los Angeles, CA 900170000
Gen County:	Not reported
TSD EPA ID:	CAD009007626
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	54.78
Cat Decode:	Not reported
Method Decode:	Not reported
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.

98
NNW
1/2-1
0.582 mi.
3071 ft.

CAMINO NUEVO CHARTER ACADEMY PLANNED SCHOOL **CA ENVIROSTOR** **S111290791**
3400 WEST 3RD STREET **CA SCH** **N/A**
LOS ANGELES, CA 90020

Relative:
Higher

Actual:
279 ft.

ENVIROSTOR:

Facility ID:	60001568
Status:	No Further Action
Status Date:	03/05/2015
Site Code:	304635
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	2.2
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Aslam Shareef
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.06858
Longitude:	-118.2891
APN:	5501-024-013
Past Use:	AGRICULTURAL - ORCHARD
Potential COC:	Arsenic Chlordane DDD DDE DDT Lead
Confirmed COC:	30001-NO 30004-NO 30006-NO 30007-NO 30008-NO Lead
Potential Description:	SOIL
Alias Name:	5501-024-013
Alias Type:	APN
Alias Name:	304635
Alias Type:	Project Code (Site Code)
Alias Name:	60001568
Alias Type:	Envirostor ID Number

CAMINO NUEVO CHARTER ACADEMY PLANNED SCHOOL (Continued) **S111290791**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	12/01/2014
Comments:	District requests reactivating site and plan to submit a Construction Response (Technical Memorandum) for DTSC review.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1 Addendum
Completed Date:	11/17/2011
Comments:	DTSC issued a PEA required determination based on the Phase I Addendum report
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Tech Memo
Completed Date:	02/13/2012
Comments:	DTSC approved the Preliminary Environmental Assessment Technical Memorandum for implementation.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	05/11/2012
Comments:	DTSC approved the PEA with a Further Action determination
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	11/06/2012
Comments:	DTSC concurred with the methane mitigation design plans
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	11/21/2012
Comments:	DTSC approved the SSI report with no Further Action determination
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	03/05/2015
Comments:	DTSC approved the Supplemental Site Investigation Construction Response with No Further Action determination
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	12/16/2011
Comments:	Fully executed EOA sent (FedEx) to District 12/19/2011.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Amendment - Order/Agreement
Completed Date:	07/11/2012

CAMINO NUEVO CHARTER ACADEMY PLANNED SCHOOL (Continued) **S111290791**

Comments: The District requested DTSC to review Methane Design plans--not required by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/27/2012
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 07/13/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/25/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/07/2014
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

SCH:

Facility ID: 60001568
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2.2
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Aslam Shareef
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304635
Assembly: 53
Senate: 24
Special Program Status: Not reported
Status: No Further Action
Status Date: 03/05/2015

CAMINO NUEVO CHARTER ACADEMY PLANNED SCHOOL (Continued) **S111290791**

Restricted Use:	NO
Funding:	Responsible Party
Latitude:	34.06858
Longitude:	-118.2891
APN:	5501-024-013
Past Use:	AGRICULTURAL - ORCHARD
Potential COC:	Arsenic, Chlordane, DDD, DDE, DDT, Lead
Confirmed COC:	30001-NO, 30004-NO, 30006-NO, 30007-NO, 30008-NO, Lead
Potential Description:	SOIL
Alias Name:	5501-024-013
Alias Type:	APN
Alias Name:	304635
Alias Type:	Project Code (Site Code)
Alias Name:	60001568
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	12/01/2014
Comments:	District requests reactivating site and plan to submit a Construction Response (Technical Memorandum) for DTSC review.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1 Addendum
Completed Date:	11/17/2011
Comments:	DTSC issued a PEA required determination based on the Phase I Addendum report
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Tech Memo
Completed Date:	02/13/2012
Comments:	DTSC approved the Preliminary Environmental Assessment Technical Memorandum for implementation.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	05/11/2012
Comments:	DTSC approved the PEA with a Further Action determination
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	11/06/2012
Comments:	DTSC concurred with the methane mitigation design plans
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	11/21/2012
Comments:	DTSC approved the SSI report with no Further Action determination
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

CAMINO NUEVO CHARTER ACADEMY PLANNED SCHOOL (Continued) **S111290791**

Completed Document Type: Technical Report
Completed Date: 03/05/2015
Comments: DTSC approved the Supplemental Site Investigation Construction Response with No Further Action determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 12/16/2011
Comments: Fully executed EOA sent (FedEx) to District 12/19/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 07/11/2012
Comments: The District requested DTSC to review Methane Design plans--not required by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/27/2012
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 07/13/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/25/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/07/2014
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

99
West
1/2-1
0.795 mi.
4196 ft.

CENTRAL LOS ANGELES LEARNING CTR. NO. 1
3400 WILSHIRE BOULEVARD
LOS ANGELES, CA 90010

CA ENVIROSTOR **S100932025**
CA LUST **N/A**
CA SCH
CA HIST CORTESE

Relative:
Lower

Actual:
221 ft.

ENVIROSTOR:

Facility ID:	19700001
Status:	Certified / Operation & Maintenance
Status Date:	06/30/2011
Site Code:	304236
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	23.9
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Johnson Abraham
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.06092
Longitude:	-118.2970
APN:	5094-006-900 to 901, 5094-006-902 and 903, 5094-006-904 to 905, 5094-007-900
Past Use:	HOTEL
Potential COC:	Benzene Lead Methane TPH-diesel TPH-gas Hydrogen sulfide
Confirmed COC:	Benzene Lead Methane 30024-NO TPH-gas Hydrogen sulfide
Potential Description:	SOIL
Alias Name:	Ambassador
Alias Type:	Alternate Name
Alias Name:	CENTRAL LOS ANGELES HIGH SCH. #8 (PROP)
Alias Type:	Alternate Name
Alias Name:	CENTRAL LOS ANGELES HIGH SCHOOL #8
Alias Type:	Alternate Name
Alias Name:	CENTRAL LOS ANGELES LEARNING CENTER #1
Alias Type:	Alternate Name
Alias Name:	CENTRAL LOS ANGELES LEARNING CTR. NO. 1
Alias Type:	Alternate Name
Alias Name:	CLALC#1
Alias Type:	Alternate Name
Alias Name:	LAUSD CLA LC #1
Alias Type:	Alternate Name
Alias Name:	LAUSD-CENTRAL LA LEARNING CENTER # 1
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	RFK CS
Alias Type:	Alternate Name
Alias Name:	Robert F. Kennedy CS
Alias Type:	Alternate Name
Alias Name:	Robert F. Kennedy Community Schools
Alias Type:	Alternate Name
Alias Name:	5094-006-900 to 901

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Alias Type: APN
Alias Name: 5094-006-902 and 903
Alias Type: APN
Alias Name: 5094-006-904 to 905
Alias Type: APN
Alias Name: 5094-007-900
Alias Type: APN
Alias Name: 110033619555
Alias Type: EPA (FRS #)
Alias Name: 304236
Alias Type: Project Code (Site Code)
Alias Name: 19700001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/19/2015
Comments: Concurred with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/30/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/29/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/21/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 01/28/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/04/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/04/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/19/2005
Comments: No formal approval due to field work moblization

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 04/12/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 07/26/2002
Comments: Notification of limited arsenic removal 2 cubic yards of soil, not part of RAW

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/05/2002
Comments: 3rd Quarter 2002 Monitoring Reportno determination on document

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/03/2003
Comments: 4th Qtr Monitoring no determination made on this document

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 05/13/2003
Comments: Tavern Parcel conducted separately

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/24/2004
Comments: Approved workplan for passive venting system

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/05/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 10/14/2005
Comments: Approved soil vapor investigation/monitoring field work 10/14-21/05

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Date: 04/05/2005
Comments: No formal concurrance since field work to comments 4/18/05

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/26/2006
Comments: Approved results from lead sampling and the hot sot removal of lead impacted soil of three cells in accordance with existing RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 02/08/2006
Comments: Export report expected when soil movement executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/22/2005
Comments: Reviewed Closure Report (Tank T-6 and T-7) no comments issued report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/27/2004
Comments: Quarterly Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/23/2004
Comments: Quarterly Monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Tank Removal Report
Completed Date: 05/22/2003
Comments: Documentation to fire department on Tank removal Tanks 1-4, impacted soils being addressed in RAW

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 11/21/2006
Comments: draft RAP approved on 6/27/2006

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/27/2006
Comments: RACR #5 approved with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Date: 07/21/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Mitigation Monitoring Report
Completed Date: 11/21/2006
Comments: approved and sent to State clearinghouse for ten day review.

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/25/2007
Comments: Final grade confirmation sampling approved on 5/25/2007

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/08/2007
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 06/07/2007
Comments: Remedial design drawings approved by Jesus Sotelo

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 08/01/2007
Comments: Phase II RDD approved on 8/1/2007

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 04/24/2009
Comments: Approved

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/24/2009
Comments: Not reported

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/27/2009
Comments: - fieldwork completed by John Naginis, P.G., CH.G. on 4/27/2009

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 07/07/2009
Comments: Phase I RACR approved. Phase encompasses K-5 portion of campus.

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 07/09/2009
Comments: Phase 1 O&M plan approved.

Completed Area Name: Wilshire Park
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/25/2010
Comments: RACR for Wilshire Park approved on 2/25/2010. Note: Due to the size of Appendices C-H, hardcopies are not available. They are located on the CD associated with the document. These appendices are also located on Envirostor.

Completed Area Name: Wilshire Park
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 12/08/2009
Comments: Start-up workplan for Wilshire Public Park approved on 12/8/2009.

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/13/2010
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 11/18/2010
Comments: The current Operations & Maintenance Plan covers all phases of the project; Phase I (K-3), Phase II (middle/high school & parking structure), and Phase III (Wilshire Public Park). The Operations & Maintenance Agreement associated with this school project is currently under review with OLC.

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 02/25/2010
Comments: Not reported

Completed Area Name: Wilshire Park
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 04/08/2009
Comments: Start-up Workplan approved for implementation on April 8, 2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/13/2011
Comments: DTSC concurred with conclusions of the soil gas monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Document Type: Operations and Maintenance Report
Completed Date: 01/09/2012
Comments: Monitoring report approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/31/2011
Comments: Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/19/2012
Comments: DTSC approved quarterly monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/17/2011
Comments: Quarterly monitoring report submitted to Chatsworth office.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/26/2012
Comments: DTSC approved the soil gas report with recommendation to reduce the reporting schedule.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/15/2012
Comments: DTSC concurred with the Annual O&M Report conclusion.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/28/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/16/2013
Comments: O&M Report review/concurrence letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 12/11/2014
Comments: DTSC concurrence w/ final Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/02/2015

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Comments: Concurred the Report with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/12/2013
Comments: DTSC reviewed the O&M Report and issued comments to be considered during the next round of monitoring. No changes to the report were necessary.

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/18/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/04/2015
Comments: Concurred with the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/19/2015
Comments: Concurred with the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/09/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/17/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/20/2018
Comments: Not reported

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/02/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/10/2008
Comments: Not reported

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/22/2015
Comments: Annual Cost Estimate emailed and mailed to LAUSD.

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/13/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/20/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/08/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/08/2014
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/17/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/05/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 04/08/2003
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/07/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Date: 09/23/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 05/19/2011
Comments: Fully executed emailed to District; sent to District by overnight mail on 05/23/11.

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/21/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/30/2017
Comments: Annual cost estimates letter sent to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/26/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/07/2013
Comments: DTSC concurrence w/ final Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/28/2014
Comments: Notification summary report received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/17/2014
Comments: Concurred the Report with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/19/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/22/2009
Comments: Phase I Subsurface Gas Mitigation System O&M report uploaded for the administrative file

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/13/2010
Comments: Phase I Subsurface Gas Mitigation System O&M report uploaded for the administrative file

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/23/2010
Comments: Phase I Subsurface Gas Mitigation System O&M report uploaded for the administrative file

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/11/2010
Comments: Phase I Subsurface Gas Mitigation System Quarterly O&M report uploaded for the administrative file

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/09/2010
Comments: Phase I Subsurface Gas Mitigation System Quarterly O&M report uploaded for the administrative file

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/01/2011
Comments: Phase I Subsurface Gas Mitigation System Quarterly O&M report uploaded for the administrative file

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/18/2011
Comments: Phase I Subsurface Gas Mitigation System Quarterly O&M report uploaded for the administrative file

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/14/2009
Comments: Phase I Subsurface Gas Mitigation System Annual O&M report uploaded for the administrative file

Completed Area Name: Phase 1

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/12/2010
Comments: Phase I Subsurface Gas Mitigation System Annual O&M report uploaded for the administrative file

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/19/2010
Comments: Phase II Subsurface Gas Mitigation System Monthly O&M report uploaded for the administrative file

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/14/2010
Comments: Phase II Subsurface Gas Mitigation System Monthly O&M report uploaded for the administrative file

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/27/2010
Comments: Phase II Subsurface Gas Mitigation System Monthly O&M report uploaded for the administrative file

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/16/2010
Comments: Phase II Subsurface Gas Mitigation System Monthly O&M report uploaded for the administrative file

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/24/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/29/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/30/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/15/2008
Comments: Not reported

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/26/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/07/2008
Comments: Not reported

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/22/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/12/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/21/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/05/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/12/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/26/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/25/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Date: 10/11/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/14/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/02/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/28/2004
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/31/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/13/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/25/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/26/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/30/2017
Comments: Annual cost estimate letter sent to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/12/2016
Comments: Concurred with a comment.

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/28/2016
Comments: Concurred with comment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/22/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/15/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/15/2016
Comments: Not reported

Completed Area Name: Wilshire Park
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/14/2010
Comments: Wilshire Public Park Subsurface Gas Mitigation System report uploaded for the administrative file

Completed Area Name: Wilshire Park
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/08/2010
Comments: Wilshire Public Park Subsurface Gas Mitigation System report uploaded for the administrative file

Completed Area Name: Wilshire Park
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/12/2010
Comments: Wilshire Public Park Subsurface Gas Mitigation System report uploaded for the administrative file

Completed Area Name: Wilshire Park
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/14/2010
Comments: Wilshire Public Park Subsurface Gas Mitigation System report uploaded for the administrative file

Completed Area Name: Wilshire Park
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/20/2010
Comments: Wilshire Public Park Subsurface Gas Mitigation System report uploaded

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

for the administrative file

Completed Area Name: Wilshire Park
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/08/2010
Comments: Wilshire Public Park Subsurface Gas Mitigation System report uploaded for the administrative file

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/08/2009
Comments: Phase I Subsurface Gas Mitigation System O&M report uploaded for the administrative file

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/17/2009
Comments: Phase I Subsurface Gas Mitigation System O&M report uploaded for the administrative file

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 04/08/2002
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2019
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2019
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2019
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 07/13/2018
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 01/31/2019
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 03/31/2019
Schedule Revised Date: Not reported

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700489
Global Id: T0603700489
Latitude: 34.0617325
Longitude: -118.2975498
Status: Completed - Case Closed
Status Date: 12/18/1997
Case Worker: Not reported
RB Case Number: 900100070
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603700489
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603700489
Action Type: Other
Date: 02/18/1997
Action: Leak Discovery

Global Id: T0603700489
Action Type: Other
Date: 02/19/1997
Action: Leak Reported

LUST:
Global Id: T0603700489
Status: Completed - Case Closed
Status Date: 12/18/1997

Global Id: T0603700489
Status: Open - Case Begin Date
Status Date: 12/20/1996

Global Id: T0603700489
Status: Open - Site Assessment
Status Date: 12/20/1996

Global Id: T0603700489
Status: Open - Site Assessment
Status Date: 07/23/1997

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

SCH:

Facility ID:	19700001
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	23.9
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Johnson Abraham
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304236
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Certified / Operation & Maintenance
Status Date:	06/30/2011
Restricted Use:	NO
Funding:	School District
Latitude:	34.06092
Longitude:	-118.2970
APN:	5094-006-900 to 901, 5094-006-902 and 903, 5094-006-904 to 905, 5094-007-900
Past Use:	HOTEL
Potential COC:	Benzene, Lead, Methane, TPH-diesel, TPH-gas, Hydrogen sulfide
Confirmed COC:	Benzene, Lead, Methane, 30024-NO, TPH-gas, Hydrogen sulfide
Potential Description:	SOIL
Alias Name:	Ambassador
Alias Type:	Alternate Name
Alias Name:	CENTRAL LOS ANGELES HIGH SCH. #8 (PROP)
Alias Type:	Alternate Name
Alias Name:	CENTRAL LOS ANGELES HIGH SCHOOL #8
Alias Type:	Alternate Name
Alias Name:	CENTRAL LOS ANGELES LEARNING CENTER #1
Alias Type:	Alternate Name
Alias Name:	CENTRAL LOS ANGELES LEARNING CTR. NO. 1
Alias Type:	Alternate Name
Alias Name:	CLALC#1
Alias Type:	Alternate Name
Alias Name:	LAUSD CLA LC #1
Alias Type:	Alternate Name
Alias Name:	LAUSD-CENTRAL LA LEARNING CENTER # 1
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	RFK CS
Alias Type:	Alternate Name
Alias Name:	Robert F. Kennedy CS
Alias Type:	Alternate Name
Alias Name:	Robert F. Kennedy Community Schools
Alias Type:	Alternate Name
Alias Name:	5094-006-900 to 901
Alias Type:	APN
Alias Name:	5094-006-902 and 903

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Alias Type: APN
Alias Name: 5094-006-904 to 905
Alias Type: APN
Alias Name: 5094-007-900
Alias Type: APN
Alias Name: 110033619555
Alias Type: EPA (FRS #)
Alias Name: 304236
Alias Type: Project Code (Site Code)
Alias Name: 19700001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/19/2015
Comments: Concurred with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/30/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/29/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/21/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 01/28/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/04/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/04/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Date: 01/19/2005
Comments: No formal approval due to field work moblization

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 04/12/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 07/26/2002
Comments: Notification of limited arsenic removal 2 cubic yards of soil, not part of RAW

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/05/2002
Comments: 3rd Quarter 2002 Monitoring Reportno determination on document

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/03/2003
Comments: 4th Qtr Monitoring no determination made on this document

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 05/13/2003
Comments: Tavern Parcel conducted separately

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/24/2004
Comments: Approved workplan for passive venting system

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/05/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 10/14/2005
Comments: Approved soil vapor investigation/monitoring field work 10/14-21/05

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 04/05/2005
Comments: No formal concurrance since field work to comments 4/18/05

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/26/2006
Comments: Approved results from lead sampling and the hot sot removal of lead impacted soil of three cells in accordance with existing RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 02/08/2006
Comments: Export report expected when soil movement executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/22/2005
Comments: Reviewed Closure Report (Tank T-6 and T-7) no comments issued report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/27/2004
Comments: Quarterly Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/23/2004
Comments: Quarterly Monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Tank Removal Report
Completed Date: 05/22/2003
Comments: Documentation to fire department on Tank removal Tanks 1-4, impacted soils being addressed in RAW

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 11/21/2006
Comments: draft RAP approved on 6/27/2006

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/27/2006
Comments: RACR #5 approved with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/21/2006
Comments: Not reported

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Mitigation Monitoring Report
Completed Date: 11/21/2006
Comments: approved and sent to State clearinghouse for ten day review.

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/25/2007
Comments: Final grade confirmation sampling approved on 5/25/2007

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/08/2007
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 06/07/2007
Comments: Remedial design drawings approved by Jesus Sotelo

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 08/01/2007
Comments: Phase II RDD approved on 8/1/2007

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 04/24/2009
Comments: Approved

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/24/2009
Comments: Not reported

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/27/2009
Comments: - fieldwork completed by John Naginis, P.G., CH.G. on 4/27/2009

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 07/07/2009
Comments: Phase I RACR approved. Phase encompasses K-5 portion of campus.

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Date: 07/09/2009
Comments: Phase 1 O&M plan approved.

Completed Area Name: Wilshire Park
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/25/2010
Comments: RACR for Wilshire Park approved on 2/25/2010. Note: Due to the size of Appendices C-H, hardcopies are not available. They are located on the CD associated with the document. These appendices are also located on Envirostor.

Completed Area Name: Wilshire Park
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 12/08/2009
Comments: Start-up workplan for Wilshire Public Park approved on 12/8/2009.

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/13/2010
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 11/18/2010
Comments: The current Operations & Maintenance Plan covers all phases of the project; Phase I (K-3), Phase II (middle/high school & parking structure), and Phase III (Wilshire Public Park). The Operations & Maintenance Agreement associated with this school project is currently under review with OLC.

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 02/25/2010
Comments: Not reported

Completed Area Name: Wilshire Park
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 04/08/2009
Comments: Start-up Workplan approved for implementation on April 8, 2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/13/2011
Comments: DTSC concurred with conclusions of the soil gas monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/09/2012
Comments: Monitoring report approved.

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/31/2011
Comments: Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/19/2012
Comments: DTSC approved quarterly monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/17/2011
Comments: Quarterly monitoring report submitted to Chatsworth office.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/26/2012
Comments: DTSC approved the soil gas report with recommendation to reduce the reporting schedule.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/15/2012
Comments: DTSC concurred with the Annual O&M Report conclusion.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/28/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/16/2013
Comments: O&M Report review/concurrence letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 12/11/2014
Comments: DTSC concurrence w/ final Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/02/2015
Comments: Concurred the Report with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Document Type: Operations and Maintenance Report
Completed Date: 03/12/2013
Comments: DTSC reviewed the O&M Report and issued comments to be considered during the next round of monitoring. No changes to the report were necessary.

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/18/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/04/2015
Comments: Concurred with the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/19/2015
Comments: Concurred with the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/09/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/17/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/20/2018
Comments: Not reported

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/02/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/10/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Date: 09/22/2015
Comments: Annual Cost Estimate emailed and mailed to LAUSD.

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/13/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/20/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/08/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/08/2014
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/17/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/05/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 04/08/2003
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/07/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/23/2008
Comments: Not reported

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 05/19/2011
Comments: Fully executed emailed to District; sent to District by overnight mail on 05/23/11.

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/21/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/30/2017
Comments: Annual cost estimates letter sent to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/26/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/07/2013
Comments: DTSC concurrence w/ final Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/28/2014
Comments: Notification summary report received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/17/2014
Comments: Concurred the Report with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/19/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Document Type: Operations and Maintenance Report
Completed Date: 12/22/2009
Comments: Phase I Subsurface Gas Mitigation System O&M report uploaded for the administrative file

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/13/2010
Comments: Phase I Subsurface Gas Mitigation System O&M report uploaded for the administrative file

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/23/2010
Comments: Phase I Subsurface Gas Mitigation System O&M report uploaded for the administrative file

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/11/2010
Comments: Phase I Subsurface Gas Mitigation System Quarterly O&M report uploaded for the administrative file

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/09/2010
Comments: Phase I Subsurface Gas Mitigation System Quarterly O&M report uploaded for the administrative file

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/01/2011
Comments: Phase I Subsurface Gas Mitigation System Quarterly O&M report uploaded for the administrative file

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/18/2011
Comments: Phase I Subsurface Gas Mitigation System Quarterly O&M report uploaded for the administrative file

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/14/2009
Comments: Phase I Subsurface Gas Mitigation System Annual O&M report uploaded for the administrative file

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Date: 08/12/2010
Comments: Phase I Subsurface Gas Mitigation System Annual O&M report uploaded for the administrative file

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/19/2010
Comments: Phase II Subsurface Gas Mitigation System Monthly O&M report uploaded for the administrative file

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/14/2010
Comments: Phase II Subsurface Gas Mitigation System Monthly O&M report uploaded for the administrative file

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/27/2010
Comments: Phase II Subsurface Gas Mitigation System Monthly O&M report uploaded for the administrative file

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/16/2010
Comments: Phase II Subsurface Gas Mitigation System Monthly O&M report uploaded for the administrative file

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/24/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/29/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/30/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/15/2008
Comments: Not reported

Completed Area Name: Phase 2

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/26/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/07/2008
Comments: Not reported

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/22/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/12/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/21/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/05/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/12/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/26/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/25/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/11/2004

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/14/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/02/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/28/2004
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/31/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/13/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/25/2008
Comments: Not reported

Completed Area Name: Phase 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/26/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/30/2017
Comments: Annual cost estimate letter sent to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/12/2016
Comments: Concurred with a comment.

Completed Area Name: PROJECT WIDE

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/28/2016
Comments: Concurred with comment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/22/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/15/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/15/2016
Comments: Not reported

Completed Area Name: Wilshire Park
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/14/2010
Comments: Wilshire Public Park Subsurface Gas Mitigation System report uploaded for the administrative file

Completed Area Name: Wilshire Park
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/08/2010
Comments: Wilshire Public Park Subsurface Gas Mitigation System report uploaded for the administrative file

Completed Area Name: Wilshire Park
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/12/2010
Comments: Wilshire Public Park Subsurface Gas Mitigation System report uploaded for the administrative file

Completed Area Name: Wilshire Park
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/14/2010
Comments: Wilshire Public Park Subsurface Gas Mitigation System report uploaded for the administrative file

Completed Area Name: Wilshire Park
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/20/2010
Comments: Wilshire Public Park Subsurface Gas Mitigation System report uploaded for the administrative file

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Completed Area Name: Wilshire Park
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/08/2010
Comments: Wilshire Public Park Subsurface Gas Mitigation System report uploaded for the administrative file

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/08/2009
Comments: Phase I Subsurface Gas Mitigation System O&M report uploaded for the administrative file

Completed Area Name: Phase 1
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/17/2009
Comments: Phase I Subsurface Gas Mitigation System O&M report uploaded for the administrative file

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 04/08/2002
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2019
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2019
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2019
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 07/13/2018
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 01/31/2019
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 03/31/2019
Schedule Revised Date: Not reported

HIST CORTESE:
Region: CORTESE

CENTRAL LOS ANGELES LEARNING CTR. NO. 1 (Continued) **S100932025**

Facility County Code: 19
Reg By: LTNKA
Reg Id: 900100070

U100 **ESPERANZA LEARNING CENTER** **CA ENVIROSTOR** **S118756570**
ESE **LITTLE STREET/INGRAM STREET/680 LITTLE STREET** **CA SCH** **N/A**
1/2-1 **LOS ANGELES, CA 90017**
0.845 mi.
4459 ft. **Site 1 of 2 in cluster U**

Relative:
Higher

Actual:
313 ft.

ENVIROSTOR:
Facility ID: 19820025
Status: No Action Required
Status Date: 03/20/2000
Site Code: 304140
Site Type: School Investigation
Site Type Detailed: School
Acres: 5.2
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05530
Longitude: -118.2707
APN: NONE SPECIFIED
Past Use: * EDUCATIONAL SERVICES
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: ESPARANZA LEARNING CENTER
Alias Type: Alternate Name
Alias Name: LAUSD-ESPERANZA LEARNING CENTER
Alias Type: Alternate Name
Alias Name: LAUSD-ESPERANZA LEARNING CENTER/VCA
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304020
Alias Type: Project Code (Site Code)
Alias Name: 304140
Alias Type: Project Code (Site Code)
Alias Name: 19820025
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/09/2000
Comments: Not reported

ESPERANZA LEARNING CENTER (Continued) **S118756570**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/20/2000
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

SCH:

Facility ID: 19820025
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 5.2
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304140
Assembly: 53
Senate: 24
Special Program Status: Not reported
Status: No Action Required
Status Date: 03/20/2000
Restricted Use: NO
Funding: School District
Latitude: 34.05530
Longitude: -118.2707
APN: NONE SPECIFIED
Past Use: * EDUCATIONAL SERVICES
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: ESPARANZA LEARNING CENTER
Alias Type: Alternate Name
Alias Name: LAUSD-ESPERANZA LEARNING CENTER
Alias Type: Alternate Name
Alias Name: LAUSD-ESPERANZA LEARNING CENTER/VCA
Alias Type: Alternate Name

ESPERANZA LEARNING CENTER (Continued) **S118756570**

Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304020
Alias Type: Project Code (Site Code)
Alias Name: 304140
Alias Type: Project Code (Site Code)
Alias Name: 19820025
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/09/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/20/2000
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

101
ESE
1/2-1
0.849 mi.
4483 ft.

BELMONT NEW ELEMENTARY SCHOOL #3
680 LITTLE ST
LOS ANGELES, CA 90017

CA ENVIROSTOR **S105024642**
CA SCH **N/A**
CA HIST CORTESE

Relative:
Higher

Actual:
309 ft.

ENVIROSTOR:
Facility ID: 19750071
Status: Certified
Status Date: 03/30/1993
Site Code: Not reported
Site Type: School Cleanup
Site Type Detailed: School
Acres: 10
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach

BELMONT NEW ELEMENTARY SCHOOL #3 (Continued) **S105024642**

Assembly: 53
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05442
Longitude: -118.2716
APN: 5142-012-900, 5142-012-901, 5142-012-902, 5142-012-903, 5142-012-904, 5142-012-905, 5142-012-906, 5142-012-907, 5142-012-908, 5142-012-909, 5142-012-910, 5142-013-900, 5142-013-901, 5142-013-902, 5142-013-903, 5142-013-904, 5142-013-905, 5142-013-906, 5142-013-907, 5142-013-908, 5142-013-909, 5142-013-910, 5142-013-911, 5142-013-912, 5142-013-914, 5142-013-915, 5142-013-916, 5142012900, 5142012901, 5142012902, 5142012903, 5142012904, 5142012905, 5142012906, 5142012907, 5142012908, 5142012909, 5142012910, 5142013900, 5142013901, 5142013902, 5142013903, 5142013904, 5142013905, 5142013906, 5142013907, 5142013908, 5142013909, 5142013910, 5142013911, 5142013912, 5142013914, 5142013915, 5142013916
Past Use: NONE SPECIFIED
Potential COC: Arsenic Lead TPH-diesel TPH-MOTOR OIL Cadmium and compounds Chromium III
Confirmed COC: Arsenic Lead TPH-diesel Cadmium and compounds Chromium III TPH-MOTOR OIL
Potential Description: SOIL
Alias Name: 5142-012-900
Alias Type: APN
Alias Name: 5142-012-901
Alias Type: APN
Alias Name: 5142-012-902
Alias Type: APN
Alias Name: 5142-012-903
Alias Type: APN
Alias Name: 5142-012-904
Alias Type: APN
Alias Name: 5142-012-905
Alias Type: APN
Alias Name: 5142-012-906
Alias Type: APN
Alias Name: 5142-012-907
Alias Type: APN
Alias Name: 5142-012-908
Alias Type: APN
Alias Name: 5142-012-909
Alias Type: APN
Alias Name: 5142-012-910
Alias Type: APN
Alias Name: 5142-013-900
Alias Type: APN
Alias Name: 5142-013-901
Alias Type: APN
Alias Name: 5142-013-902
Alias Type: APN
Alias Name: 5142-013-903
Alias Type: APN
Alias Name: 5142-013-904
Alias Type: APN

BELMONT NEW ELEMENTARY SCHOOL #3 (Continued) **S105024642**

Alias Name:	5142-013-905
Alias Type:	APN
Alias Name:	5142-013-906
Alias Type:	APN
Alias Name:	5142-013-907
Alias Type:	APN
Alias Name:	5142-013-908
Alias Type:	APN
Alias Name:	5142-013-909
Alias Type:	APN
Alias Name:	5142-013-910
Alias Type:	APN
Alias Name:	5142-013-911
Alias Type:	APN
Alias Name:	5142-013-912
Alias Type:	APN
Alias Name:	5142-013-914
Alias Type:	APN
Alias Name:	5142-013-915
Alias Type:	APN
Alias Name:	5142-013-916
Alias Type:	APN
Alias Name:	5142012900
Alias Type:	APN
Alias Name:	5142012901
Alias Type:	APN
Alias Name:	5142012902
Alias Type:	APN
Alias Name:	5142012903
Alias Type:	APN
Alias Name:	5142012904
Alias Type:	APN
Alias Name:	5142012905
Alias Type:	APN
Alias Name:	5142012906
Alias Type:	APN
Alias Name:	5142012907
Alias Type:	APN
Alias Name:	5142012908
Alias Type:	APN
Alias Name:	5142012909
Alias Type:	APN
Alias Name:	5142012910
Alias Type:	APN
Alias Name:	5142013900
Alias Type:	APN
Alias Name:	5142013901
Alias Type:	APN
Alias Name:	5142013902
Alias Type:	APN
Alias Name:	5142013903
Alias Type:	APN
Alias Name:	5142013904
Alias Type:	APN
Alias Name:	5142013905
Alias Type:	APN
Alias Name:	5142013906

BELMONT NEW ELEMENTARY SCHOOL #3 (Continued) **S105024642**

Alias Type: APN
Alias Name: 5142013907
Alias Type: APN
Alias Name: 5142013908
Alias Type: APN
Alias Name: 5142013909
Alias Type: APN
Alias Name: 5142013910
Alias Type: APN
Alias Name: 5142013911
Alias Type: APN
Alias Name: 5142013912
Alias Type: APN
Alias Name: 5142013914
Alias Type: APN
Alias Name: 5142013915
Alias Type: APN
Alias Name: 5142013916
Alias Type: APN
Alias Name: 110013305324
Alias Type: EPA (FRS #)
Alias Name: 110033618128
Alias Type: EPA (FRS #)
Alias Name: 19750071
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/25/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/30/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 08/21/1991
Comments: PEA submitted and reviewed. Further activity is suggested and concurred with by the Department of Toxics Substances Control. Lead agency will be DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/28/1991
Comments: Reports reviewed indicate site was previously occupied by multiple dwelling residences, commercial buildings and an auto body/repair shop. Site is contaminated with metals and semi-volatiles. Site is now owned by LA Unified School District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

BELMONT NEW ELEMENTARY SCHOOL #3 (Continued) **S105024642**

Completed Document Type: Site Screening
Completed Date: 12/06/1990
Comments: On Cortese List: Contamination found on site; TPH up to 21700 mg/kg. Site Screening Done: Recommend PEA Medium.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/30/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 02/12/1992
Comments: SMALL CERTIFICATION: On February 12, 1993, the Department enetered into an En- forceable agreement with the LAUSD, for the oversight of a removal action for remdiation of Parcel 10831. The re- moval action consisted of the excavation and off-site disposal of 122 tons of soil contaminated with volotile organic hydrocarbons, petroleum hydorcarbons, and heavy metals.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/22/1990
Comments: Facility identified LA Unified School District submitted a Phase 2 Site Investigation Report to the Dept. for review. Sample Results: TPHC up to 21700 mg/kg.

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

SCH:

Facility ID: 19750071
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 10
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: Southern California Schools & Brownfields Outreach
Site Code: Not reported
Assembly: 53
Senate: 24

BELMONT NEW ELEMENTARY SCHOOL #3 (Continued) **S105024642**

Special Program Status:	Not reported
Status:	Certified
Status Date:	03/30/1993
Restricted Use:	NO
Funding:	School District
Latitude:	34.05442
Longitude:	-118.2716
APN:	5142-012-900, 5142-012-901, 5142-012-902, 5142-012-903, 5142-012-904, 5142-012-905, 5142-012-906, 5142-012-907, 5142-012-908, 5142-012-909, 5142-012-910, 5142-013-900, 5142-013-901, 5142-013-902, 5142-013-903, 5142-013-904, 5142-013-905, 5142-013-906, 5142-013-907, 5142-013-908, 5142-013-909, 5142-013-910, 5142-013-911, 5142-013-912, 5142-013-914, 5142-013-915, 5142-013-916, 5142012900, 5142012901, 5142012902, 5142012903, 5142012904, 5142012905, 5142012906, 5142012907, 5142012908, 5142012909, 5142012910, 5142013900, 5142013901, 5142013902, 5142013903, 5142013904, 5142013905, 5142013906, 5142013907, 5142013908, 5142013909, 5142013910, 5142013911, 5142013912, 5142013914, 5142013915, 5142013916
Past Use:	NONE SPECIFIED
Potential COC:	Arsenic, Lead, TPH-diesel, TPH-MOTOR OIL, Cadmium and compounds, Chromium III
Confirmed COC:	Arsenic, Lead, TPH-diesel, Cadmium and compounds, Chromium III, TPH-MOTOR OIL
Potential Description:	SOIL
Alias Name:	5142-012-900
Alias Type:	APN
Alias Name:	5142-012-901
Alias Type:	APN
Alias Name:	5142-012-902
Alias Type:	APN
Alias Name:	5142-012-903
Alias Type:	APN
Alias Name:	5142-012-904
Alias Type:	APN
Alias Name:	5142-012-905
Alias Type:	APN
Alias Name:	5142-012-906
Alias Type:	APN
Alias Name:	5142-012-907
Alias Type:	APN
Alias Name:	5142-012-908
Alias Type:	APN
Alias Name:	5142-012-909
Alias Type:	APN
Alias Name:	5142-012-910
Alias Type:	APN
Alias Name:	5142-013-900
Alias Type:	APN
Alias Name:	5142-013-901
Alias Type:	APN
Alias Name:	5142-013-902
Alias Type:	APN
Alias Name:	5142-013-903
Alias Type:	APN
Alias Name:	5142-013-904
Alias Type:	APN
Alias Name:	5142-013-905

BELMONT NEW ELEMENTARY SCHOOL #3 (Continued) **S105024642**

Alias Type:	APN
Alias Name:	5142-013-906
Alias Type:	APN
Alias Name:	5142-013-907
Alias Type:	APN
Alias Name:	5142-013-908
Alias Type:	APN
Alias Name:	5142-013-909
Alias Type:	APN
Alias Name:	5142-013-910
Alias Type:	APN
Alias Name:	5142-013-911
Alias Type:	APN
Alias Name:	5142-013-912
Alias Type:	APN
Alias Name:	5142-013-914
Alias Type:	APN
Alias Name:	5142-013-915
Alias Type:	APN
Alias Name:	5142-013-916
Alias Type:	APN
Alias Name:	5142012900
Alias Type:	APN
Alias Name:	5142012901
Alias Type:	APN
Alias Name:	5142012902
Alias Type:	APN
Alias Name:	5142012903
Alias Type:	APN
Alias Name:	5142012904
Alias Type:	APN
Alias Name:	5142012905
Alias Type:	APN
Alias Name:	5142012906
Alias Type:	APN
Alias Name:	5142012907
Alias Type:	APN
Alias Name:	5142012908
Alias Type:	APN
Alias Name:	5142012909
Alias Type:	APN
Alias Name:	5142012910
Alias Type:	APN
Alias Name:	5142013900
Alias Type:	APN
Alias Name:	5142013901
Alias Type:	APN
Alias Name:	5142013902
Alias Type:	APN
Alias Name:	5142013903
Alias Type:	APN
Alias Name:	5142013904
Alias Type:	APN
Alias Name:	5142013905
Alias Type:	APN
Alias Name:	5142013906
Alias Type:	APN

BELMONT NEW ELEMENTARY SCHOOL #3 (Continued) **S105024642**

Alias Name: 5142013907
Alias Type: APN
Alias Name: 5142013908
Alias Type: APN
Alias Name: 5142013909
Alias Type: APN
Alias Name: 5142013910
Alias Type: APN
Alias Name: 5142013911
Alias Type: APN
Alias Name: 5142013912
Alias Type: APN
Alias Name: 5142013914
Alias Type: APN
Alias Name: 5142013915
Alias Type: APN
Alias Name: 5142013916
Alias Type: APN
Alias Name: 110013305324
Alias Type: EPA (FRS #)
Alias Name: 110033618128
Alias Type: EPA (FRS #)
Alias Name: 19750071
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/25/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/30/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 08/21/1991
Comments: PEA submitted and reviewed. Further activity is suggested and concurred with by the Department of Toxics Substances Control. Lead agency will be DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/28/1991
Comments: Reports reviewed indicate site was previously occupied by multiple dwelling residences, commercial buildings and an auto body/repair shop. Site is contaminated with metals and semi-volatiles. Site is now owned by LA Unified School District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening

BELMONT NEW ELEMENTARY SCHOOL #3 (Continued) **S105024642**

Completed Date: 12/06/1990
Comments: On Cortese List: Contamination found on site; TPH up to 21700 mg/kg. Site Screening Done: Recommend PEA Medium.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/30/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 02/12/1992
Comments: SMALL CERTIFICATION: On February 12, 1993, the Department enetered into an En- forceable agreement with the LAUSD, for the oversight of a removal action for remdiation of Parcel 10831. The re- moval action consisted of the excavation and off-site disposal of 122 tons of soil contaminated with volotile organic hydrocarbons, petroleum hydorcarbons, and heavy metals.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/22/1990
Comments: Facility identified LA Unified School District submitted a Phase 2 Site Investigation Report to the Dept. for review. Sample Results: TPHC up to 21700 mg/kg.

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: 19750071

102
WNW
1/2-1
0.856 mi.
4521 ft.

CAHUENGA ELEMENTARY SITE NO. 12 **CA ENVIROSTOR S107735991**
MARIPOSA AVENUE/FIFTH STREET/ALEXANDRIA AVENUE **CA SCH N/A**
LOS ANGELES, CA 90020

Relative:
Lower

Actual:
219 ft.

ENVIROSTOR:
Facility ID: 19890016
Status: Inactive - Needs Evaluation
Status Date: 02/11/2000
Site Code: 304143
Site Type: School Investigation

CAHUENGA ELEMENTARY SITE NO. 12 (Continued) **S107735991**

Site Type Detailed: School
Acres: 2.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.06531
Longitude: -118.2983
APN: NONE SPECIFIED
Past Use: * UNKNOWN
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAHUENGA ELEMENTARY SITE #12
Alias Type: Alternate Name
Alias Name: LAUSD-CAHUENGA ELEM #12/CDE
Alias Type: Alternate Name
Alias Name: LAUSD-CAHUENGA ELEM #12/VCA
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304061
Alias Type: Project Code (Site Code)
Alias Name: 304143
Alias Type: Project Code (Site Code)
Alias Name: 19890016
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/11/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/22/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo

CAHUENGA ELEMENTARY SITE NO. 12 (Continued) **S107735991**

Completed Date:	08/20/2002
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

SCH:

Facility ID:	19890016
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	2.5
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304143
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Inactive - Needs Evaluation
Status Date:	02/11/2000
Restricted Use:	NO
Funding:	School District
Latitude:	34.06531
Longitude:	-118.2983
APN:	NONE SPECIFIED
Past Use:	* UNKNOWN
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAHUENGA ELEMENTARY SITE #12
Alias Type:	Alternate Name
Alias Name:	LAUSD-CAHUENGA ELEM #12/CDE
Alias Type:	Alternate Name
Alias Name:	LAUSD-CAHUENGA ELEM #12/VCA
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304061
Alias Type:	Project Code (Site Code)
Alias Name:	304143
Alias Type:	Project Code (Site Code)
Alias Name:	19890016
Alias Type:	Envirostor ID Number

CAHUENGA ELEMENTARY SITE NO. 12 (Continued) **S107735991**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	02/11/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	04/22/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	08/20/2002
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

V103 **RISE KOHYANG HIGH SCHOOL** **CA ENVIROSTOR** **S101584748**
NNW **3500 WEST 1ST STREET** **CA SCH** **N/A**
1/2-1 **LOS ANGELES, CA 90004** **CA SWEEPS UST**
0.865 mi. **CA FID UST**
4568 ft. **Site 1 of 2 in cluster V**

Relative:
Higher

Actual:
272 ft.

ENVIROSTOR:

Facility ID:	60002695
Status:	Active
Status Date:	07/23/2018
Site Code:	Not reported
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	1.15
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Xihong (Scarlett) Zhai
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	, 53
Senate:	, 24

RISE KOHYANG HIGH SCHOOL (Continued) **S101584748**

Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.07317
Longitude: -118.2896
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 60002695
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement Application
Completed Date: 07/23/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/23/2018
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: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Preliminary Endangerment Assessment Report
Schedule Due Date: 03/25/2019
Schedule Revised Date: Not reported

SCH:

Facility ID: 60002695
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.15
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Xihong (Scarlett) Zhai
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: Not reported
Assembly: , 53
Senate: , 24
Special Program Status: Not reported
Status: Active
Status Date: 07/23/2018

RISE KOHYANG HIGH SCHOOL (Continued) **S101584748**

Restricted Use: NO
Funding: School District
Latitude: 34.07317
Longitude: -118.2896
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 60002695
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement Application
Completed Date: 07/23/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/23/2018
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: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Preliminary Endangerment Assessment Report
Schedule Due Date: 03/25/2019
Schedule Revised Date: Not reported

SWEEPS UST:
Status: Not reported
Comp Number: 4080
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
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: 0

CA FID UST:
Facility ID: 19015174
Regulated By: UTNKI
Regulated ID: Not reported

RISE KOHYANG HIGH SCHOOL (Continued) **S101584748**

Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	3500 W 1ST ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900040000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

U104 **CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1** **CA ENVIROSTOR** **S107736103**
ESE **UNION AVENUE/WILSHIRE BOULEVARD** **CA SCH** **N/A**
1/2-1 **LOS ANGELES, CA 90017**
0.880 mi.
4648 ft. **Site 2 of 2 in cluster U**

Relative: **Higher**

Actual: **316 ft.**

ENVIROSTOR:

Facility ID:	19550021
Status:	Certified
Status Date:	07/22/2008
Site Code:	304313
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	8.3
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.05513
Longitude:	-118.2701
APN:	NONE SPECIFIED
Past Use:	* RETAIL - AUTO DEALERS & SERVICE STATIONS
Potential COC:	Arsenic Benzene Lead Methyl tertbutyl ether (MTBE TPH-diesel
Confirmed COC:	Arsenic 30003-NO Lead Methyl tertbutyl ether (MTBE 30024-NO
Potential Description:	SOIL
Alias Name:	CENTRAL LOS ANGELES MIDDLE SCH #1 (PROP)
Alias Type:	Alternate Name
Alias Name:	CENTRAL LOS ANGELES MIDDLE SCHOOL #1
Alias Type:	Alternate Name
Alias Name:	CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1
Alias Type:	Alternate Name
Alias Name:	John Liechty Middle School
Alias Type:	Alternate Name
Alias Name:	LAUSD-CENTRAL LA MS # 1
Alias Type:	Alternate Name

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 110033619564
Alias Type: EPA (FRS #)
Alias Name: 304313
Alias Type: Project Code (Site Code)
Alias Name: 19550021
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: LAUSD MASTER OVERSIGHT AGREEMENT (DOCKET NO. HSA-A 99/00-051) EXECUTED ON 2/10/00. As part of the Master Oversight Agreement between DTSC and the Los Angeles Unified School District (LAUSD), DTSC will provide oversight for a Preliminary Endangerment Assessment (PEA) for the proposed Central Los Angeles Middle School #1 site.

Completed Area Name: Soil
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 07/30/2004
Comments: DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary and certified the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 07/22/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 04/08/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/08/2002
Comments: DTSC issued a Preliminary Endangerment Assessment determination, requiring further action at the proposed school site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/30/2004
Comments: DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary and certified the site. Pb-paint for area A and GW issues still outstanding.

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/08/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/02/2003
Comments: SSI information folded into revised CSSI and was subsequently approved aprvd. See CSSI for details.

Completed Area Name: LBP
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/09/2004
Comments: Not reported

Completed Area Name: LBP
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 07/30/2004
Comments: Approved RAC completion report and Pb-SSI(Area B); further action for groundwater

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 01/23/2004
Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/29/2004
Comments: Further Action addition GW monitoring necessary

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 10/30/2001
Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Tank Removal Report
Completed Date: 07/01/2005
Comments: Cusory review - no comment til final report.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/29/2004
Comments: DTSC did not concur with NFA and recommended additional GW sampling.

Completed Area Name: GW

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/26/2005
Comments: No comments issued, pending additional monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/02/2003
Comments: Approval of CSSI and determination of FA

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Tank Removal Report
Completed Date: 01/23/2004
Comments: DTSC concurred with the sampling approach to assess tank areas

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 05/27/2004
Comments: Approval of FSI Report and "hot" spot removal for benzene and MTBE impacted soils

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/02/2004
Comments: Conditional approval of RAW Addendum for implementation

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 01/14/2005
Comments: awaiting for final detemination for the site

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/15/2005
Comments: DTSC acknowledged receipt of report. Final detm pending additional monitoring and coordination with LARWQCB,

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/01/2005
Comments: Currently evaluating GW and coordinating with RWQCB

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/10/2006
Comments: Report reviewed as an update of GW conditions. No approval necessary.

Completed Area Name: GW
Completed Sub Area Name: Not reported

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Completed Document Type: Monitoring Report
Completed Date: 08/14/2006
Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/23/2006
Comments: Issued FA determination on 8/14/06 after review of First Qtr GW monitoring report. District to install 2 more wells and monitor for 2-4 qtrs.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Well Installation Workplan
Completed Date: 01/29/2007
Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/08/2007
Comments: Reviewed but not approved. Will complete trend analysis with future reports.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/14/2007
Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/21/2008
Comments: Prepared 02/21/08, received 02/26/08, and commented 02/27/08. Additional run of GW monitoring is necessary.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/29/2008
Comments: a revised final copy

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/09/1996
Comments: 10/9/1996 - LARWQCB completes a site investigation and remedial action for the UST located at Unocal Service Station NO.2325 and issues a letter of closure.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/25/2004
Comments: DTSC sent LARWQCB a Coordination Letter for UST remediation.

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Completed Area Name:	GW
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Plan
Completed Date:	08/23/2006
Comments:	LAFD Responds to the UST Report dated 3/9/04 by Meredith & Associates, Incorporation. Letter Results in referring the matter to the State Regional Water Quality Control Board.

Completed Area Name:	GW
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Plan
Completed Date:	06/25/2007
Comments:	LARWQCB letter to LAUSD Requesting additional information regarding the Underground Storage Tank Program.

Completed Area Name:	GW
Completed Sub Area Name:	Not reported
Completed Document Type:	*Correspondence - Received
Completed Date:	07/22/2008
Comments:	LARWQCB Letter to LAUSD confirming the completion of a site investigation and corrective actions for the UST located at 1546 Wilshire Blvd, Los Angeles CA.

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

SCH:

Facility ID:	19550021
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	8.3
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:	Southern California Schools & Brownfields Outreach
Site Code:	304313
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Certified
Status Date:	07/22/2008
Restricted Use:	NO
Funding:	School District
Latitude:	34.05513
Longitude:	-118.2701

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

APN:	NONE SPECIFIED
Past Use:	* RETAIL - AUTO DEALERS & SERVICE STATIONS
Potential COC:	Arsenic, Benzene, Lead, Methyl tertbutyl ether (MTBE, TPH-diesel
Confirmed COC:	Arsenic, 30003-NO, Lead, Methyl tertbutyl ether (MTBE, 30024-NO
Potential Description:	SOIL
Alias Name:	CENTRAL LOS ANGELES MIDDLE SCH #1 (PROP)
Alias Type:	Alternate Name
Alias Name:	CENTRAL LOS ANGELES MIDDLE SCHOOL #1
Alias Type:	Alternate Name
Alias Name:	CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1
Alias Type:	Alternate Name
Alias Name:	John Liechty Middle School
Alias Type:	Alternate Name
Alias Name:	LAUSD-CENTRAL LA MS # 1
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	110033619564
Alias Type:	EPA (FRS #)
Alias Name:	304313
Alias Type:	Project Code (Site Code)
Alias Name:	19550021
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	LAUSD MASTER OVERSIGHT AGREEMENT (DOCKET NO. HSA-A 99/00-051) EXECUTED ON 2/10/00. As part of the Master Oversight Agreement between DTSC and the Los Angeles Unified School District (LAUSD), DTSC will provide oversight for a Preliminary Endangerment Assessment (PEA) for the proposed Central Los Angeles Middle School #1 site.

Completed Area Name:	Soil
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	07/30/2004
Comments:	DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary and certified the site.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	07/22/2008
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* CEQA
Completed Date:	04/08/2003
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/08/2002
Comments: DTSC issued a Preliminary Endangerment Assessment determination, requiring further action at the proposed school site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/30/2004
Comments: DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary and certified the site. Pb-paint for area A and GW issues still outstanding.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/08/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/02/2003
Comments: SSI information folded into revised CSSI and was subsequently approved aprvd. See CSSI for details.

Completed Area Name: LBP
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/09/2004
Comments: Not reported

Completed Area Name: LBP
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 07/30/2004
Comments: Approved RAC completion report and Pb-SSI(Area B); further action for groundwater

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 01/23/2004
Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/29/2004
Comments: Further Action addition GW monitoring necessary

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 10/30/2001

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Tank Removal Report
Completed Date: 07/01/2005
Comments: Cusory review - no comment til final report.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/29/2004
Comments: DTSC did not concur with NFA and recommended additional GW sampling.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/26/2005
Comments: No comments issued, pending additional monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/02/2003
Comments: Approval of CSSI and determination of FA

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Tank Removal Report
Completed Date: 01/23/2004
Comments: DTSC concurred with the sampling approach to assess tank areas

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 05/27/2004
Comments: Approval of FSI Report and "hot" spot removal for benzene and MTBE impacted soils

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/02/2004
Comments: Conditional approval of RAW Addendum for implementation

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 01/14/2005
Comments: awaiting for final detemination for the site

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/15/2005
Comments: DTSC acknowledged receipt of report. Final detm pending additional monitoring and coordination with LARWQCB,

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/01/2005
Comments: Currently evaluating GW and coordinating with RWQCB

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/10/2006
Comments: Report reviewed as an update of GW conditions. No approval necessary.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/14/2006
Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/23/2006
Comments: Issued FA determination on 8/14/06 after review of First Qtr GW monitoring report. District to install 2 more wells and monitor for 2-4 qtrs.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Well Installation Workplan
Completed Date: 01/29/2007
Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/08/2007
Comments: Reviewed but not approved. Will complete trend analysis with future reports.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/14/2007
Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/21/2008
Comments: Prepared 02/21/08, received 02/26/08, and commented 02/27/08. Additional run of GW monitoring is necessary.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/29/2008
Comments: a revised final copy

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/09/1996
Comments: 10/9/1996 - LARWQCB completes a site investigation and remedial action for the UST located at Unocal Service Station NO.2325 and issues a letter of closure.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/25/2004
Comments: DTSC sent LARWQCB a Coordination Letter for UST remediation.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 08/23/2006
Comments: LAFD Responds to the UST Report dated 3/9/04 by Meredith & Associates, Incorporation. Letter Results in referring the matter to the State Regional Water Quality Control Board.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 06/25/2007
Comments: LARWQCB letter to LAUSD Requesting additional information regarding the Underground Storage Tank Program.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 07/22/2008
Comments: LARWQCB Letter to LAUSD confirming the completion of a site investigation and corrective actions for the UST located at 1546 Wilshire Blvd, Los Angeles CA.

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

105
ENE
1/2-1
0.884 mi.
4669 ft.

BELMONT NEW PRIMARY CENTER NO. 12
LAKE STREET/ROSELAKE AVENUE
LOS ANGELES, CA 90026

CA ENVIROSTOR **S107735904**
CA SCH **N/A**

Relative:
Higher

Actual:
368 ft.

ENVIROSTOR:
Facility ID: 19880022
Status: No Further Action
Status Date: 10/10/2003
Site Code: 304310

BELMONT NEW PRIMARY CENTER NO. 12 (Continued) **S107735904**

Site Type: School Investigation
Site Type Detailed: School
Acres: 2
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 30
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Asbestos Containing Materials (ACM Lead
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: BELMONT NEW PRIMARY CENTER #12
Alias Type: Alternate Name
Alias Name: BELOMOT NEW PRIMARY CENTER #12
Alias Type: Alternate Name
Alias Name: BELOMOT NEW PRIMARY CENTER NO. 12
Alias Type: Alternate Name
Alias Name: LAUSD-BELMONT PC # 12
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304310
Alias Type: Project Code (Site Code)
Alias Name: 19880022
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/10/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/11/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

BELMONT NEW PRIMARY CENTER NO. 12 (Continued) **S107735904**

Completed Document Type: Phase 1
Completed Date: 07/10/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.14 Request
Completed Date: 08/05/2003
Comments: 4.14 request received post PEA and pre-SSI.

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

SCH:

Facility ID: 19880022
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2
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: Southern California Schools & Brownfields Outreach
Site Code: 304310
Assembly: 53
Senate: 30
Special Program Status: Not reported
Status: No Further Action
Status Date: 10/10/2003
Restricted Use: NO
Funding: School District
Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Asbestos Containing Materials (ACM, Lead
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: BELMONT NEW PRIMARY CENTER #12
Alias Type: Alternate Name

BELMONT NEW PRIMARY CENTER NO. 12 (Continued) **S107735904**

Alias Name: BELOMOT NEW PRIMARY CENTER #12
Alias Type: Alternate Name
Alias Name: BELOMOT NEW PRIMARY CENTER NO. 12
Alias Type: Alternate Name
Alias Name: LAUSD-BELMONT PC # 12
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304310
Alias Type: Project Code (Site Code)
Alias Name: 19880022
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/10/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/11/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/10/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.14 Request
Completed Date: 08/05/2003
Comments: 4.14 request received post PEA and pre-SSI.

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

BELMONT NEW PRIMARY CENTER NO. 12 (Continued) **S107735904**

Schedule Revised Date: Not reported

V106
NNW
1/2-1
0.905 mi.
4780 ft.

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 — **CA ENVIROSTOR** **S109034303**
COUNCIL STREET/JUANITA AVE & MADISON AVE/EASTERN PORTION OF — **CA SCH** **N/A**
LOS ANGELES, CA 90004 — **CA DEED**

Site 2 of 2 in cluster V

Relative:
Higher

Actual:
286 ft.

ENVIROSTOR:

Facility ID:	60000872
Status:	Active
Status Date:	04/08/2008
Site Code:	401556
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	8.13
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Joe Hwong
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.0737
Longitude:	-118.29
APN:	NONE SPECIFIED
Past Use:	DEGREASING FACILITY, ENGINE TESTING/REPAIR, EQUIPMENT/INSTRUMENT REPAIR, FUEL HYDRANT PUMPING STATIONS, MACHINE SHOP, OIL FIELD, VEHICLE MAINTENANCE, TRANSPORTATION - WAREHOUSING
Potential COC:	Benzene Lead Methane Tetrachloroethylene (PCE TPH-diesel TPH-gas TPH-JET FUEL TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride Hydrogen sulfide
Confirmed COC:	Benzene Tetrachloroethylene (PCE TPH-diesel TPH-gas 30026-NO Hydrogen sulfide 3002501-NO TPH-MOTOR OIL Trichloroethylene (TCE Vinyl chloride Lead Methane
Potential Description:	AQUI, SOIL, SV
Alias Name:	Sammy Lee Elementary School
Alias Type:	Alternate Name
Alias Name:	304599
Alias Type:	Project Code (Site Code)
Alias Name:	401556
Alias Type:	Project Code (Site Code)
Alias Name:	60000872
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	02/26/2015
Comments:	Not reported
Completed Area Name:	Northern Area

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 02/13/2012
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 11/07/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 04/08/2014
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 03/20/2013
Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 04/01/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 08/18/2009
Comments: Rec'd signed agreement from district

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/30/2017
Comments: Annual cost estimates letter sent to LAUSD.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: IC Public Advisory
Completed Date: 12/20/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/09/2008
Comments: Accepted as a background information

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/15/2008

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Comments: DTSC concurred with the project scoping document

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/15/2008
Comments: DTSC concurred with the Adequacy of the Groundwater investigation Technical Memorandum for implementation provided DTSC comments are incorporated in future work/reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/14/2008
Comments: DTSC approved the PEA with Further Action determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 09/02/2008
Comments: DTSC approved the Suplemental Site Investigation Technical Memorandum for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 11/06/2008
Comments: SSI TM is approved for the field work.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/01/2008
Comments: Accepted the Report. DTSC will hold comments on hydrogeology/Groundwater Monitoring Report until the review of the third quarter 2008 gw report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/04/2009
Comments: The Third Qarter Groundwater Monitoring Report is accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 02/11/2009
Comments: DTSC concurrs with Further Action required fot Northern and Central Area and No Further Action Required for Southern Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/27/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Environmental Impact Report
Completed Date: 11/20/2009
Comments: Draft Final

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 11/30/2009
Comments: DTSC approved the Remedial Action plan for implementation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 06/01/2009
Comments: Community Profile Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/27/2009
Comments: Fact Sheet Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 06/01/2009
Comments: Public Notice was reviewed and accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/21/2009
Comments: DTSC concurred with the information in the report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 07/27/2009
Comments: DTSC signed Form 4.15 in response to District's request

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/22/2009
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Design
Completed Date: 06/15/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/24/2010

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 11/10/2010
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/27/2010
Comments: The SSI was performed this time because there were access issues before. The new findings have beeen incorporate in to Northern Area Remedial Design.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/11/2010
Comments: This Report will be part of RACR.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 01/03/2011
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 10/04/2011
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/23/2011
Comments: DTSC approved gas mitigation system test procedure.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/29/2011
Comments: Approved the Tech Memo for Off Site Investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/23/2011
Comments: Concurred with the Report

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/14/2011
Comments: Not reported

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/16/2011
Comments: Concurred with the Report with comments. The comments will be addressed in the Remedial Completion Report.

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 12/05/2011
Comments: Approved the soil RACR. Additional off site investigation will be done as a separate activity.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/01/2012
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/11/2012
Comments: Reviewed with comments.

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/12/2012
Comments: DTSC concurred with the Report.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/03/2012
Comments: Concurred with some commments.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/03/2012
Comments: Concurred...

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/01/2012
Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 05/28/2013
Comments: Not reported

Completed Area Name: Central Area

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 09/07/2012
Comments: Concurred with the Tech Memo with comments.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/20/2012
Comments: Concurred with comments.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/12/2012
Comments: Concurred with the Report with comments.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/20/2013
Comments: Concurred with comments.

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/15/2013
Comments: Approved with Comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/04/2013
Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 06/28/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/11/2013
Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 10/25/2013
Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 06/28/2013

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/31/2013
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/19/2013
Comments: Concurrance with comments for future reporting/field work.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/05/2013
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/16/2013
Comments: Concurred with comments

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/18/2013
Comments: Concurred with comments for future.

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/14/2013
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/31/2013
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/25/2014
Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/07/2014
Comments: DTSC concurs with the Report from LAUSD prepared for SCAQMD.

Completed Area Name: PROJECT WIDE

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/17/2014
Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/18/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/05/2014
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/05/2014
Comments: Concurred with the Report.

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/05/2014
Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/02/2015
Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/19/2015
Comments: DTSC concurred and provided comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/14/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/11/2015

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/18/2015
Comments: Approved the Report with No Comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/25/2016
Comments: Concurred with the revised Report.

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/12/2016
Comments: Concurred with the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/30/2016
Comments: Concurred with comments

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/06/2015
Comments: Approved the Pilot Test Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/21/2016
Comments: Concurred with the comment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/12/2017
Comments: Concurred with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/12/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/15/2016
Comments: Annual Cost Estimates Letter, dated 09/15/16, sent to LAUSD.

Completed Area Name: PROJECT WIDE

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/26/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/28/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/18/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/30/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/03/2018
Comments: FY 17/18 Revised Oversight Cost Estimate letter sent to LAUSD on 01/03/18.

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 04/22/2014
Comments: Recorded LUC uploaded.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Environmental Impact Report
Completed Date: 05/21/2009
Comments: CEQA process completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/22/2015
Comments: Annual Cost Estimate emailed and mailed to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/08/2014
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Future Due Date:	2019
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Operations and Maintenance Report
Schedule Due Date:	04/15/2019
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Operations and Maintenance Report
Schedule Due Date:	02/13/2019
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Operations and Maintenance Report
Schedule Due Date:	02/12/2019
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Operations and Maintenance Report
Schedule Due Date:	11/12/2018
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Operations and Maintenance Report
Schedule Due Date:	11/12/2018
Schedule Revised Date:	Not reported

SCH:

Facility ID:	60000872
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	8.13
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Joe Hwong
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	401556
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Active
Status Date:	04/08/2008
Restricted Use:	YES
Funding:	School District
Latitude:	34.0737
Longitude:	-118.29
APN:	NONE SPECIFIED
Past Use:	DEGREASING FACILITY, ENGINE TESTING/REPAIR, EQUIPMENT/INSTRUMENT REPAIR, FUEL HYDRANT PUMPING STATIONS, MACHINE SHOP, OIL FIELD, VEHICLE MAINTENANCE, TRANSPORTATION - WAREHOUSING
Potential COC:	Benzene, Lead, Methane, Tetrachloroethylene (PCE, TPH-diesel, TPH-gas, TPH-JET FUEL, TPH-MOTOR OIL, 1,1,1-Trichloroethane (TCA,

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

	Trichloroethylene (TCE, Vinyl chloride, Hydrogen sulfide
Confirmed COC:	Benzene, Tetrachloroethylene (PCE, TPH-diesel, TPH-gas, 30026-NO, Hydrogen sulfide, 3002501-NO, TPH-MOTOR OIL, Trichloroethylene (TCE, Vinyl chloride, Lead, Methane
Potential Description:	AQUI, SOIL, SV
Alias Name:	Sammy Lee Elementary School
Alias Type:	Alternate Name
Alias Name:	304599
Alias Type:	Project Code (Site Code)
Alias Name:	401556
Alias Type:	Project Code (Site Code)
Alias Name:	60000872
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	02/26/2015
Comments:	Not reported
Completed Area Name:	Northern Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction
Completed Date:	02/13/2012
Comments:	Not reported
Completed Area Name:	Northern Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation & Maintenance Order/Agreement
Completed Date:	11/07/2011
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	04/08/2014
Comments:	Not reported
Completed Area Name:	Northern Area
Completed Sub Area Name:	Not reported
Completed Document Type:	* Land Use Restriction Monitoring Report
Completed Date:	03/20/2013
Comments:	Not reported
Completed Area Name:	Central Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation & Maintenance Order/Agreement
Completed Date:	04/01/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	School Cleanup Agreement
Completed Date:	08/18/2009
Comments:	Rec'd signed agreement from district
Completed Area Name:	PROJECT WIDE

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/30/2017
Comments: Annual cost estimates letter sent to LAUSD.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: IC Public Advisory
Completed Date: 12/20/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/09/2008
Comments: Accepted as a background information

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/15/2008
Comments: DTSC concurred with the project scoping document

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/15/2008
Comments: DTSC concurred with the Adequacy of the Groundwater investigation Technical Memorandum for implementation provided DTSC comments are incorporated in future work/reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/14/2008
Comments: DTSC approved the PEA with Further Action determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 09/02/2008
Comments: DTSC approved the Suplemental Site Investigation Technical Memorandum for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 11/06/2008
Comments: SSI TM is approved for the field work.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/01/2008
Comments: Accepted the Report. DTSC will hold comments on hydrogeology/Groundwater Monitoring Report until the review of the third quarter 2008 gw report.

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/04/2009
Comments: The Third Qarter Groundwater Monitoring Report is accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 02/11/2009
Comments: DTSC concurrs with Further Action required fot Northern and Central Area and No Further Action Required for Southern Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/27/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Environmental Impact Report
Completed Date: 11/20/2009
Comments: Draft Final

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 11/30/2009
Comments: DTSC approved the Remedial Action plan for implementation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 06/01/2009
Comments: Community Profile Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/27/2009
Comments: Fact Sheet Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 06/01/2009
Comments: Public Notice was reviewed and accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/21/2009
Comments: DTSC concurred with the information in the report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Completed Document Type: 4.15 Request
Completed Date: 07/27/2009
Comments: DTSC signed Form 4.15 in response to District's request

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/22/2009
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Design
Completed Date: 06/15/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/24/2010
Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 11/10/2010
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/27/2010
Comments: The SSI was performed this time because there were access issues before. The new findings have beeen incorporate in to Northern Area Remedial Design.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/11/2010
Comments: This Report will be part of RACR.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 01/03/2011
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 10/04/2011
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Other Report

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Completed Date: 02/23/2011
Comments: DTSC approved gas mitigation system test procedure.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/29/2011
Comments: Approved the Tech Memo for Off Site Investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/23/2011
Comments: Concurred with the Report

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/14/2011
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/16/2011
Comments: Concurred with the Report with comments. The comments will be addressed in the Remedial Completion Report.

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 12/05/2011
Comments: Approved the soil RACR. Additional off site investigation will be done as a separate activity.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/01/2012
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/11/2012
Comments: Reviewed with comments.

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/12/2012
Comments: DTSC concurred with the Report.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/03/2012

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Comments: Concurred with some commments.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/03/2012
Comments: Concurred...

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/01/2012
Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 05/28/2013
Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 09/07/2012
Comments: Concurred with the Tech Memo with comments.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/20/2012
Comments: Concurred with comments.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/12/2012
Comments: Concurred with the Report with comments.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/20/2013
Comments: Concurred with comments.

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/15/2013
Comments: Approved with Comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/04/2013
Comments: Not reported

Completed Area Name: Central Area

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 06/28/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/11/2013
Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 10/25/2013
Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 06/28/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/31/2013
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/19/2013
Comments: Concurrance with comments for future reporting/field work.

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/05/2013
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/16/2013
Comments: Concurred with comments

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/18/2013
Comments: Concurred with comments for future.

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/14/2013

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/31/2013
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/25/2014
Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/07/2014
Comments: DTSC concurs with the Report from LAUSD prepared for SCAQMD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/17/2014
Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/18/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/05/2014
Comments: Not reported

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/05/2014
Comments: Concurred with the Report.

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/05/2014
Comments: Not reported

Completed Area Name: Central Area

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/02/2015
Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/19/2015
Comments: DTSC concurred and provided comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/14/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/11/2015
Comments: Not reported

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/18/2015
Comments: Approved the Report with No Comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/25/2016
Comments: Concurred with the revised Report.

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/12/2016
Comments: Concurred with the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/30/2016
Comments: Concurred with comments

Completed Area Name: Northern Area
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/06/2015
Comments: Approved the Pilot Test Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/21/2016

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Comments: Concurred with the comment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/12/2017
Comments: Concurred with comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/12/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/15/2016
Comments: Annual Cost Estimates Letter, dated 09/15/16, sent to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/26/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/28/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/18/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/30/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/03/2018
Comments: FY 17/18 Revised Oversight Cost Estimate letter sent to LAUSD on 01/03/18.

Completed Area Name: Central Area
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 04/22/2014
Comments: Recorded LUC uploaded.

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Environmental Impact Report
Completed Date: 05/21/2009
Comments: CEQA process completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/22/2015
Comments: Annual Cost Estimate emailed and mailed to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/08/2014
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2019
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 04/15/2019
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 02/13/2019
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 02/12/2019
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 11/12/2018
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 11/12/2018
Schedule Revised Date: Not reported

DEED:
Envirostor ID: 60000872
Area: NORTHERN AREA
Sub Area: Not reported
Site Type: SCHOOL CLEANUP
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported

CENTRAL REGION ELEMENTARY SCHOOL #20 SITE 11 (Continued) **S109034303**

File Name: Envirostor Land Use Restrictions

Envirostor ID: 60000872
Area: CENTRAL AREA
Sub Area: Not reported
Site Type: SCHOOL CLEANUP
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

107
SW
1/2-1
0.917 mi.
4842 ft.

MONSENOR OSCAR ROMERO CHARTER SCHOOL **CA ENVIROSTOR** **S116490702**
1157 SOUTH BERENDO ST **CA SCH** **N/A**
LOS ANGELES, CA 90006

Relative:
Lower

Actual:
222 ft.

ENVIROSTOR:
Facility ID: 60001988
Status: No Further Action
Status Date: 03/01/2017
Site Code: 404896
Site Type: School Investigation
Site Type Detailed: School
Acres: 2.36
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Johnson Abraham
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.04948
Longitude: -118.2954
APN: 5078-024-916
Past Use: AGRICULTURAL - ORCHARD, SCHOOL - MIDDLE
Potential COC: Arsenic DDD DDE DDT Lead
Confirmed COC: 30001-NO 30006-NO 30007-NO 30008-NO 30013-NO
Potential Description: SOIL
Alias Name: Berendo Middle School
Alias Type: Alternate Name
Alias Name: OSCAR ROMERO
Alias Type: Alternate Name
Alias Name: OSCAR ROMERO CHARTER
Alias Type: Alternate Name
Alias Name: 5078-024-916
Alias Type: APN
Alias Name: 404896
Alias Type: Project Code (Site Code)
Alias Name: 60001988
Alias Type: Envirostor ID Number

MONSENOR OSCAR ROMERO CHARTER SCHOOL (Continued) **S116490702**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	11/18/2014
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	School Cleanup Agreement
Completed Date:	11/07/2014
Comments:	Fully executed SCA sent to RP via overnight mail 11/07/14.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/17/2015
Comments:	Annual Cost Estimate emailed and mailed to BP.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	04/08/2014
Comments:	DTSC concurred with the recommendation that a Phase I Addendum is required.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1 Addendum
Completed Date:	09/11/2014
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	02/05/2015
Comments:	DTSC approved the PEA with a further action recommendation.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Tech Memo
Completed Date:	12/17/2014
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	02/20/2015
Comments:	DTSC determined that further investigation/removal is needed at the Site.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	01/30/2017
Comments:	DTSC approved the SSI with a No Further Action.

MONSENOR OSCAR ROMERO CHARTER SCHOOL (Continued) **S116490702**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 03/11/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement Application
Completed Date: 09/26/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 07/27/2017
Comments: Closeout Form 1554 submitted on 3/2/17 and processed by CRBU on 7/27/17; closeout complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Partial Site Approval
Completed Date: 03/11/2015
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

SCH:

Facility ID: 60001988
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2.36
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Johnson Abraham
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 404896
Assembly: 53
Senate: 24
Special Program Status: Not reported
Status: No Further Action
Status Date: 03/01/2017
Restricted Use: NO
Funding: School District

MONSENOR OSCAR ROMERO CHARTER SCHOOL (Continued) **S116490702**

Latitude:	34.04948
Longitude:	-118.2954
APN:	5078-024-916
Past Use:	AGRICULTURAL - ORCHARD, SCHOOL - MIDDLE
Potential COC:	Arsenic, DDD, DDE, DDT, Lead
Confirmed COC:	30001-NO, 30006-NO, 30007-NO, 30008-NO, 30013-NO
Potential Description:	SOIL
Alias Name:	Berendo Middle School
Alias Type:	Alternate Name
Alias Name:	OSCAR ROMERO
Alias Type:	Alternate Name
Alias Name:	OSCAR ROMERO CHARTER
Alias Type:	Alternate Name
Alias Name:	5078-024-916
Alias Type:	APN
Alias Name:	404896
Alias Type:	Project Code (Site Code)
Alias Name:	60001988
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	11/18/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	School Cleanup Agreement
Completed Date:	11/07/2014
Comments:	Fully executed SCA sent to RP via overnight mail 11/07/14.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/17/2015
Comments:	Annual Cost Estimate emailed and mailed to BP.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	04/08/2014
Comments:	DTSC concurred with the recommendation that a Phase I Addendum is required.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1 Addendum
Completed Date:	09/11/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	02/05/2015
Comments:	DTSC approved the PEA with a further action recommendation.

MONSENOR OSCAR ROMERO CHARTER SCHOOL (Continued) **S116490702**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Tech Memo
Completed Date:	12/17/2014
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	02/20/2015
Comments:	DTSC determined that further investigation/removal is needed at the Site.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	01/30/2017
Comments:	DTSC approved the SSI with a No Further Action.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	4.15 Request
Completed Date:	03/11/2015
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement Application
Completed Date:	09/26/2014
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	07/27/2017
Comments:	Closeout Form 1554 submitted on 3/2/17 and processed by CRBU on 7/27/17; closeout complete.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Partial Site Approval
Completed Date:	03/11/2015
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

108
NNW
1/2-1
0.940 mi.
4961 ft.

BELMONT NEW PRIMARY CENTER NO. 2
218/220/222/224 N. JUANITA AVE/217/225 N. MADISON AVE
LOS ANGELES, CA 90004

CA ENVIROSTOR **S118756525**
CA SCH **N/A**

Relative:
Higher

Actual:
269 ft.

ENVIROSTOR:

Facility ID:	19390060
Status:	No Action Required
Status Date:	05/17/2002
Site Code:	304227
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	1.2
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.07481
Longitude:	-118.2894
APN:	NONE SPECIFIED
Past Use:	MANUFACTURING - OTHER
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	BELMONT NEW PRIMARY CENTER #2
Alias Type:	Alternate Name
Alias Name:	LAUSD-BELMONT USD PC #2
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304227
Alias Type:	Project Code (Site Code)
Alias Name:	19390060
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	05/17/2002
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported

BELMONT NEW PRIMARY CENTER NO. 2 (Continued) **S118756525**

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

SCH:

Facility ID: 19390060
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.2
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: Southern California Schools & Brownfields Outreach
Site Code: 304227
Assembly: 53
Senate: 30
Special Program Status: Not reported
Status: No Action Required
Status Date: 05/17/2002
Restricted Use: NO
Funding: School District
Latitude: 34.07481
Longitude: -118.2894
APN: NONE SPECIFIED
Past Use: MANUFACTURING - OTHER
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: BELMONT NEW PRIMARY CENTER #2
Alias Type: Alternate Name
Alias Name: LAUSD-BELMONT USD PC #2
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304227
Alias Type: Project Code (Site Code)
Alias Name: 19390060
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo

BELMONT NEW PRIMARY CENTER NO. 2 (Continued) **S118756525**

Completed Date:	05/17/2002
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

109
WSW
1/2-1
0.945 mi.
4987 ft.

HOBART/WILTON PRIMARY SCHOOL NO. 4 **CA ENVIROSTOR S107736464**
SAN MARINO ST/OLYMPIC BLVD/MARIPOSA AVE/NORMANDIE AVE **CA SCH N/A**
LOS ANGELES, CA 90006

Relative:
Lower

Actual:
215 ft.

ENVIROSTOR:

Facility ID:	19750097
Status:	Inactive - Needs Evaluation
Status Date:	08/20/2002
Site Code:	304153
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Mark Malinowski
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.05452
Longitude:	-118.2989
APN:	NONE SPECIFIED
Past Use:	VEHICLE MAINTENANCE
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	HOBART/WILTON PRIMARY SCHOOL #4
Alias Type:	Alternate Name
Alias Name:	LAUSD-HOBART/WILTON PRIMARY #4/CDE
Alias Type:	Alternate Name
Alias Name:	LAUSD-HOBART/WILTON PRIMARY #4/VCA
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304073
Alias Type:	Project Code (Site Code)
Alias Name:	304153
Alias Type:	Project Code (Site Code)

HOBART/WILTON PRIMARY SCHOOL NO. 4 (Continued) **S107736464**

Alias Name: 19750097
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/11/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 08/20/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
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

SCH:

Facility ID: 19750097
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: Not reported
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304153
Assembly: 53
Senate: 24
Special Program Status: Not reported
Status: Inactive - Needs Evaluation
Status Date: 08/20/2002
Restricted Use: NO
Funding: School District
Latitude: 34.05452
Longitude: -118.2989
APN: NONE SPECIFIED

HOBART/WILTON PRIMARY SCHOOL NO. 4 (Continued) **S107736464**

Past Use:	VEHICLE MAINTENANCE
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	HOBART/WILTON PRIMARY SCHOOL #4
Alias Type:	Alternate Name
Alias Name:	LAUSD-HOBART/WILTON PRIMARY #4/CDE
Alias Type:	Alternate Name
Alias Name:	LAUSD-HOBART/WILTON PRIMARY #4/VCA
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304073
Alias Type:	Project Code (Site Code)
Alias Name:	304153
Alias Type:	Project Code (Site Code)
Alias Name:	19750097
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	02/11/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	08/20/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
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

W110 **NEWELL COLOUR** **CA ENVIROSTOR** **S110494101**
NNW **221 N. WESTMORLAND AVENUE** **N/A**
1/2-1 **LOS ANGELES, CA 90004**
0.971 mi.
5126 ft. **Site 1 of 2 in cluster W**

Relative:
Higher

Actual:
266 ft.

ENVIROSTOR:

Facility ID:	71003148
Status:	Refer: Other Agency
Status Date:	Not reported

NEWELL COLOUR (Continued) **S110494101**

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: 53
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.05223
Longitude: -118.2436
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD983616822
Alias Type: EPA Identification Number
Alias Name: 110002867327
Alias Type: EPA (FRS #)
Alias Name: 71003148
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

W111 **VALUE CHARTER SCHOOL** **CA ENVIROSTOR 1010728020**
NNW **221 NORTH WESTMORELAND AVENUE** **CA VCP N/A**
1/2-1 **LOS ANGELES, CA 90004** **CA SCH**
0.971 mi.
5126 ft. **Site 2 of 2 in cluster W**

Relative:
Higher

Actual:
266 ft.

ENVIROSTOR:
Facility ID: 19270328
Status: Inactive - Action Required
Status Date: 11/08/2005
Site Code: Not reported

VALUE CHARTER SCHOOL (Continued) **1010728020**

Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Cleanup Chatsworth
Assembly: 53
Senate: 24
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.07509
Longitude: -118.2886
APN: 5501008024, 5547-019-032
Past Use: PHOTOGRAPHIC PROCESSING
Potential COC: * Photochemicals/Photoprocessing Waste * UNSPECIFIED SLUDGE WASTE
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: 5501008024
Alias Type: APN
Alias Name: 5547-019-032
Alias Type: APN
Alias Name: 110033616567
Alias Type: EPA (FRS #)
Alias Name: 19270328
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: 10/10/2001
Comments: A Voluntary Cleanup Agreement between the owner and the Department of Toxic Substances Control (DTSC) was entered. Two documents, Environmental Site Assessment Subsurface Soil Investigation dated June 2001 (previously submitted), and Environmental Site Assessment Subsurface Soil and Groundwater Investigation dated July 2001 (previously submitted) were reviewed by the DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/22/2002
Comments: Proponent submitted PEAE for review. DTSC reviewed and requested additional site characterization. Proponent conducted additional field activities and submitted RI report to DTSC. DTSC reviewed and issued comments. Proponenet then transferred project to schools unit, thus coupleting Scope of work with Site Mitigation.

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

VALUE CHARTER SCHOOL (Continued) **1010728020**

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Facility ID: 19730196
Status: Certified
Status Date: 01/16/2004
Site Code: 304413
Site Type: School Cleanup
Site Type Detailed: School
Acres: 1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.07500
Longitude: -118.2885
APN: 5501008024
Past Use: * BUSINESS SERVICES
Potential COC: TPH-diesel Tetrachloroethylene (PCE Silver
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: CROSSROADS TRUST
Alias Type: Alternate Name
Alias Name: CROSSROADS TRUST-VALUE CHARTER SCHOOL
Alias Type: Alternate Name
Alias Name: VALUE CHARTER SCHOOL
Alias Type: Alternate Name
Alias Name: 5501008024
Alias Type: APN
Alias Name: 110033613365
Alias Type: EPA (FRS #)
Alias Name: 304413
Alias Type: Project Code (Site Code)
Alias Name: 19730196
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: 07/09/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 01/16/2004
Comments: Not reported

VALUE CHARTER SCHOOL (Continued) **1010728020**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 11/07/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 09/18/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 06/27/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/16/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/16/2004
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

VCP:
Facility ID: 19270328
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.1
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported

VALUE CHARTER SCHOOL (Continued) **1010728020**

Supervisor:	Javier Hinojosa
Division Branch:	Cleanup Chatsworth
Site Code:	Not reported
Assembly:	53
Senate:	24
Special Programs Code:	Voluntary Cleanup Program
Status:	Inactive - Action Required
Status Date:	11/08/2005
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	34.07509 / -118.2886
APN:	5501008024, 5547-019-032
Past Use:	PHOTOGRAPHIC PROCESSING
Potential COC:	10086, 10197
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	5501008024
Alias Type:	APN
Alias Name:	5547-019-032
Alias Type:	APN
Alias Name:	110033616567
Alias Type:	EPA (FRS #)
Alias Name:	19270328
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:	10/10/2001
Comments:	A Voluntary Cleanup Agreement between the owner and the Department of Toxic Substances Control (DTSC) was entered. Two documents, Environmental Site Assessment Subsurface Soil Investigation dated June 2001 (previously submitted), and Environmental Site Assessment Subsurface Soil and Groundwater Investigation dated July 2001 (previously submitted) were reviewed by the DTSC.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	07/22/2002
Comments:	Proponent submitted PEAE for review. DTSC reviewed and requested additional site characterization. Proponent conducted additional field activities and submitted RI report to DTSC. DTSC reviewed and issued comments. Proponenet then transferred project to schools unit, thus coupleting Scope of work with Site Mitigation.

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

VALUE CHARTER SCHOOL (Continued) **1010728020**

SCH:

Facility ID:	19730196
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1
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:	Southern California Schools & Brownfields Outreach
Site Code:	304413
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Certified
Status Date:	01/16/2004
Restricted Use:	NO
Funding:	School District
Latitude:	34.07500
Longitude:	-118.2885
APN:	5501008024
Past Use:	* BUSINESS SERVICES
Potential COC:	TPH-diesel, TPH-diesel, Tetrachloroethylene (PCE, Silver
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	CROSSROADS TRUST
Alias Type:	Alternate Name
Alias Name:	CROSSROADS TRUST-VALUE CHARTER SCHOOL
Alias Type:	Alternate Name
Alias Name:	VALUE CHARTER SCHOOL
Alias Type:	Alternate Name
Alias Name:	5501008024
Alias Type:	APN
Alias Name:	110033613365
Alias Type:	EPA (FRS #)
Alias Name:	304413
Alias Type:	Project Code (Site Code)
Alias Name:	19730196
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:	07/09/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	01/16/2004
Comments:	Not reported

VALUE CHARTER SCHOOL (Continued) **1010728020**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 11/07/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 09/18/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 06/27/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/16/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/16/2004
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

112
NNW
1/2-1
0.989 mi.
5220 ft.

BELMONT NEW ELEMENTARY NO. 6
NORTH VERMONT AVENUE/COUNCIL STREET
LOS ANGELES, CA 90004

CA ENVIROSTOR **S107735902**
CA SCH **N/A**

Relative:
Higher

Actual:
288 ft.

ENVIROSTOR:
Facility ID: 19590008
Status: Certified
Status Date: 03/26/2007
Site Code: 304217
Site Type: School Cleanup

BELMONT NEW ELEMENTARY NO. 6 (Continued) **S107735902**

Site Type Detailed: School
Acres: 3
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.07435
Longitude: -118.2918
APN: NONE SPECIFIED
Past Use: * RETIAL - MISC.
Potential COC: Methane Carbon disulfide Hydrogen sulfide Lead
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL, SV, SURFW
Alias Name: BELMONT NEW ELEMENTARY SCHOOL #6
Alias Type: Alternate Name
Alias Name: LA USD-BELMONT NEW ELEMENTARY #6
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 110033618119
Alias Type: EPA (FRS #)
Alias Name: 304217
Alias Type: Project Code (Site Code)
Alias Name: 19590008
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/16/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/07/2007
Comments: Project Complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/21/2002
Comments: Not reported

BELMONT NEW ELEMENTARY NO. 6 (Continued) **S107735902**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/02/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/06/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 08/11/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/21/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Action Memorandum (if <$1M)
Completed Date: 05/31/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/13/2004
Comments: Approved Supplemental Subsurface Investigation and Construction Activities Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 10/31/2006
Comments: Approved the PEA workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/28/2005
Comments: UST found during construction was removed under DTSC and LAFD oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/26/2007
Comments: DTSC concured with the Undergound storage tank (UST) Closure Report that that no further investigation is necssary in the UST area.

BELMONT NEW ELEMENTARY NO. 6 (Continued) **S107735902**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 06/19/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/24/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 05/31/2002
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

SCH:

Facility ID: 19590008
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 3
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304217
Assembly: 53
Senate: 24
Special Program Status: Not reported
Status: Certified
Status Date: 03/26/2007
Restricted Use: NO
Funding: School District
Latitude: 34.07435
Longitude: -118.2918
APN: NONE SPECIFIED
Past Use: * RETIAL - MISC.
Potential COC: Methane, Methane, Carbon disulfide, Hydrogen sulfide, Lead
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL, SV, SURFW

BELMONT NEW ELEMENTARY NO. 6 (Continued) **S107735902**

Alias Name: BELMONT NEW ELEMENTARY SCHOOL #6
Alias Type: Alternate Name
Alias Name: LA USD-BELMONT NEW ELEMENTARY #6
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 110033618119
Alias Type: EPA (FRS #)
Alias Name: 304217
Alias Type: Project Code (Site Code)
Alias Name: 19590008
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/16/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/07/2007
Comments: Project Complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/21/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/02/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/06/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 08/11/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

BELMONT NEW ELEMENTARY NO. 6 (Continued) **S107735902**

Completed Document Type: Removal Action Completion Report
Completed Date: 06/21/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Action Memorandum (if <$1M)
Completed Date: 05/31/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/13/2004
Comments: Approved Supplemental Subsurface Investigation and Construction Activities Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 10/31/2006
Comments: Approved the PEA workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/28/2005
Comments: UST found during construction was removed under DTSC and LAFD oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/26/2007
Comments: DTSC concured with the Undergound storage tank (UST) Closure Report that that no further investigation is necssary in the UST area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 06/19/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/24/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 05/31/2002
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported

BELMONT NEW ELEMENTARY NO. 6 (Continued) **S107735902**

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

113
NNW
1/2-1
0.995 mi.
5255 ft.

TRUST SERVICES OF AMERICA **CA ENVIROSTOR** **1000387420**
218,220,224 NORTH JUANITA AVENUE **N/A**
LOS ANGELES, CA 90004

Relative:
Higher

Actual:
268 ft.

ENVIROSTOR:
Facility ID: 19290296
Status: Refer: Other Agency
Status Date: 05/06/1998
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Chatsworth
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.07510
Longitude: -118.2900
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CARROL TRUST
Alias Type: Alternate Name
Alias Name: HANSEN'S JUICES
Alias Type: Alternate Name
Alias Name: LYNDE-ORDWAY CO., INC.
Alias Type: Alternate Name
Alias Name: PAINT ENGINEERS
Alias Type: Alternate Name
Alias Name: PARKER JUDGE
Alias Type: Alternate Name
Alias Name: CAD982361T68
Alias Type: EPA Identification Number
Alias Name: 19290296
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE

TRUST SERVICES OF AMERICA (Continued) **1000387420**

Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	06/20/1991
Comments:	From EPA CERCLA PA fit report. Site is located in three lots. 1) 218 N. Juanita Avenue: the site currently leased by Lynde-Ordnay Co., Inc. Carroll Trust has owned since 1940s and LOC leased it since then. 1990 geophysical surveys located three underground tanks on the property. 2) 220 N. Juanita Avenue: it is currently a vacant lot. The Parker Judge owned in 1938. Paint Engineers owned and operated in 1946. Carroll Trust since 1953. 3) 222 N. Juanita Avenue: Hansen's Juices leased it since 1989. The Los Angeles unified school district conducted Phase I & II investigations to purchase the property. Revealed petroleum contamination in the soil. Stoddard solvent was detected in the soil. The highest level was 4500 mg/kg volatile organics and chlorinated hydrocarbons were also detected in the soil. Contamina- tion has also been detected in the groundwater. FIT recommended NFA for EPA. Medium priority PEA required.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	05/10/1995
Comments:	NFA FOR DTSC, PETROLEUM EXCLUSION.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	06/20/1991
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

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOS ANGELES	S109422338	SOUTHERN CALIFORNIA DISPOSAL	186TH STREET AND VERMONT AVENU		CA SWF/LF

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: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
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

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: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
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: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
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: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 10/29/2018
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: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
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: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
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: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
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: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
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: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
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: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

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: 05/14/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 11/26/2018
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: 07/31/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
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: 07/31/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
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: 06/18/2018
Date Data Arrived at EDR: 06/27/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 79

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

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: 07/30/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/31/2018
Next Scheduled EDR Contact: 11/12/2018
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: 07/30/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/31/2018
Next Scheduled EDR Contact: 11/12/2018
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: 08/08/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 14

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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 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: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/08/2018
Number of Days to Update: 26

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
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 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 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 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 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 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 R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

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: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

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: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
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: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 21

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
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: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

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: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

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: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

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: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

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: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 07/30/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 38
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/31/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

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: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Varies

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

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: 06/25/2018
Date Data Arrived at EDR: 06/27/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 40
Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

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: 06/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/18/2018
Next Scheduled EDR Contact: 12/31/2018
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: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 54

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 05/29/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 48

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/26/2018
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: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
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: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
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

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 08/03/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

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: 05/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
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: 07/30/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/31/2018
Next Scheduled EDR Contact: 11/12/2018
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: 12/31/2017
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 55

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/05/2018
Next Scheduled EDR Contact: 01/21/2019
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: 05/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Quarterly

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 07/23/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/05/2018
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: 03/28/2018
Date Data Arrived at EDR: 05/25/2018
Date Made Active in Reports: 07/10/2018
Number of Days to Update: 46

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/10/2018
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

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 04/19/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 10

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

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

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 07/23/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

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: 08/29/2018
Date Data Arrived at EDR: 08/30/2018
Date Made Active in Reports: 10/01/2018
Number of Days to Update: 32

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
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: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Semi-Annually

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: 09/04/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 10/02/2018
Number of Days to Update: 27

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
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: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

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: 04/06/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 51

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/08/2018
Number of Days to Update: 26

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
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: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

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: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
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: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
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: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
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: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 11/26/2018
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: 05/31/2018
Date Data Arrived at EDR: 06/27/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
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: 08/03/2018
Next Scheduled EDR Contact: 11/19/2018
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: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/19/2018
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: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/21/2018
Next Scheduled EDR Contact: 12/31/2018
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: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
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: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 57

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 12/17/2018
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: 08/01/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 11/05/2018
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: 10/04/2018
Next Scheduled EDR Contact: 11/19/2018
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: 06/01/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 126

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
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: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 07/09/2018
Next Scheduled EDR Contact: 10/22/2018
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: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
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: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
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: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/28/2018
Next Scheduled EDR Contact: 11/05/2018
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: 09/07/2018
Next Scheduled EDR Contact: 12/17/2018
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: 09/04/2018
Next Scheduled EDR Contact: 12/17/2018
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: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 07/02/2018
Date Data Arrived at EDR: 07/05/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 92
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/03/2018
Next Scheduled EDR Contact: 01/14/2019
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: 08/09/2018
Next Scheduled EDR Contact: 11/12/2018
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: 06/30/2018
Date Data Arrived at EDR: 07/17/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 80

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 12/31/2018
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: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
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: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
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: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 09/11/2018
Next Scheduled EDR Contact: 11/19/2018
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: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/20/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
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: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
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: 08/01/2018
Date Data Arrived at EDR: 08/29/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/10/2018
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: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
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: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/07/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 30

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/18/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 06/19/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 87

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
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: 08/22/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 44

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/22/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Quarterly

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: 06/25/2018
Date Data Arrived at EDR: 06/27/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 40

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 7

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 05/07/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 39

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/24/2018
Date Data Arrived at EDR: 08/30/2018
Date Made Active in Reports: 10/01/2018
Number of Days to Update: 32

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 10/05/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

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: 05/31/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 06/25/2018
Date Data Arrived at EDR: 06/28/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 39

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/21/2018
Next Scheduled EDR Contact: 12/31/2018
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: 08/01/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 36

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 48

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
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: 08/14/2018
Date Data Arrived at EDR: 08/16/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 25

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/26/2018
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: 12/31/2016
Date Data Arrived at EDR: 07/12/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 97

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 20

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 08/21/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/21/2018
Next Scheduled EDR Contact: 12/03/2018
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: 07/09/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 44

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
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: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 54

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

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: 08/28/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 28

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 08/09/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 31

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
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: 09/04/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 28

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 54

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
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: 06/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
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: 04/27/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/13/2018
Next Scheduled EDR Contact: 12/24/2018
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 boards review found that more than one-third of the region’s active disposal pits are operating without permission.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
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: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
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: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Varies

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)
Non-Case Information sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)
Other Oil & Gas Projects sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

CIWQS: California Integrated Water Quality System
The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 10/02/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 93

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 07/23/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto 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 Historical 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:

CS ALAMEDA: 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: 08/03/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 30

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/05/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/06/2018
Date Data Arrived at EDR: 07/10/2018
Date Made Active in Reports: 09/11/2018
Number of Days to Update: 63

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/05/2018
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 07/01/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 08/20/2018
Number of Days to Update: 27

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 10/05/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 08/02/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 08/20/2018
Number of Days to Update: 14

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 05/23/2018
Date Data Arrived at EDR: 05/24/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 50

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/11/2018
Number of Days to Update: 21

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 44

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 09/18/2018
Number of Days to Update: 13

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: 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: 07/11/2018
Date Data Arrived at EDR: 07/17/2018
Date Made Active in Reports: 08/30/2018
Number of Days to Update: 44

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 10/01/2019
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/11/2018
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/22/2018
Number of Days to Update: 40

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/20/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 43

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/20/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 49

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: 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: 08/23/2018
Date Data Arrived at EDR: 08/24/2018
Date Made Active in Reports: 09/18/2018
Number of Days to Update: 25

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 08/08/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 08/22/2018
Number of Days to Update: 13

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/27/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 30

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: 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: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/02/2018
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 59

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/05/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/16/2018
Date Data Arrived at EDR: 07/18/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 37

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/18/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 05/14/2018
Number of Days to Update: 13

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 63

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Semi-Annually

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Annually

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/18/2018
Number of Days to Update: 13

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/05/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: 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: 08/30/2018
Date Data Arrived at EDR: 09/04/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 15

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 07/11/2018
Date Data Arrived at EDR: 07/17/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 57

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/29/2018
Date Data Arrived at EDR: 08/31/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 19

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 07/18/2018
Date Data Arrived at EDR: 09/04/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 15

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/30/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 34

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 08/27/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 36

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/31/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 34

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 07/13/2018
Date Data Arrived at EDR: 08/08/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 33

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 07/13/2018
Date Data Arrived at EDR: 08/08/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 33

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/03/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 07/13/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 37

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/06/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/06/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 27

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 07/19/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/09/2018
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 42

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 07/09/2018
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 61

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 05/07/2018
Date Data Arrived at EDR: 07/03/2018
Date Made Active in Reports: 08/13/2018
Number of Days to Update: 41

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/02/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

ML SACRAMENTO: 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: 05/14/2018
Date Data Arrived at EDR: 07/03/2018
Date Made Active in Reports: 08/13/2018
Number of Days to Update: 41

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/02/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 08/07/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 27

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: 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: 07/27/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 41

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: 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: 06/04/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 41

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 31

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

SAN DIEGO CO. SAM: 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: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: 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: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 09/17/2018
Date Data Arrived at EDR: 09/18/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 15

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 17

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/12/2018
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 52

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/12/2018
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 08/13/2018
Number of Days to Update: 59

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: 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: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/17/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 16

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

HIST LUST SANTA CLARA: 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

LUST SANTA CLARA: 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: 08/24/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Annually

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/11/2018
Number of Days to Update: 36

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/08/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 40

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 07/12/2018
Number of Days to Update: 30

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 06/19/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 21

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/03/2018
Date Data Arrived at EDR: 07/10/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 45

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 08/14/2018
Date Data Arrived at EDR: 08/16/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 8

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/08/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 33

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 36

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 45

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 09/13/2018
Date Data Arrived at EDR: 09/14/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 5

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 09/13/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: 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: 07/02/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 41

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/23/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

LF VENTURA: 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: 10/01/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Annually

LUST VENTURA: 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: 08/07/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Quarterly

MED WASTE VENTURA: 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: 07/02/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 29
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/23/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/04/2018
Number of Days to Update: 22
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 06/20/2018
Date Data Arrived at EDR: 07/03/2018
Date Made Active in Reports: 07/12/2018
Number of Days to Update: 9
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 05/10/2018
Date Data Arrived at EDR: 05/15/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 31
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/12/2018
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: 08/10/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 31

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/01/2018
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
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: 07/01/2018
Date Data Arrived at EDR: 08/01/2018
Date Made Active in Reports: 08/31/2018
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/12/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/21/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/24/2018
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 was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

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 and Wildlife
Telephone: 916-445-0411

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

LABOE LAFAYETTE PARK PLACE
625 S LAFAYETTE PARK PLACE
LOS ANGELES, CA 90005

TARGET PROPERTY COORDINATES

Latitude (North):	34.061096 - 34° 3' 39.95''
Longitude (West):	118.283903 - 118° 17' 2.05''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	381512.9
UTM Y (Meters):	3769479.2
Elevation:	263 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5630741 HOLLYWOOD, 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 principle 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).

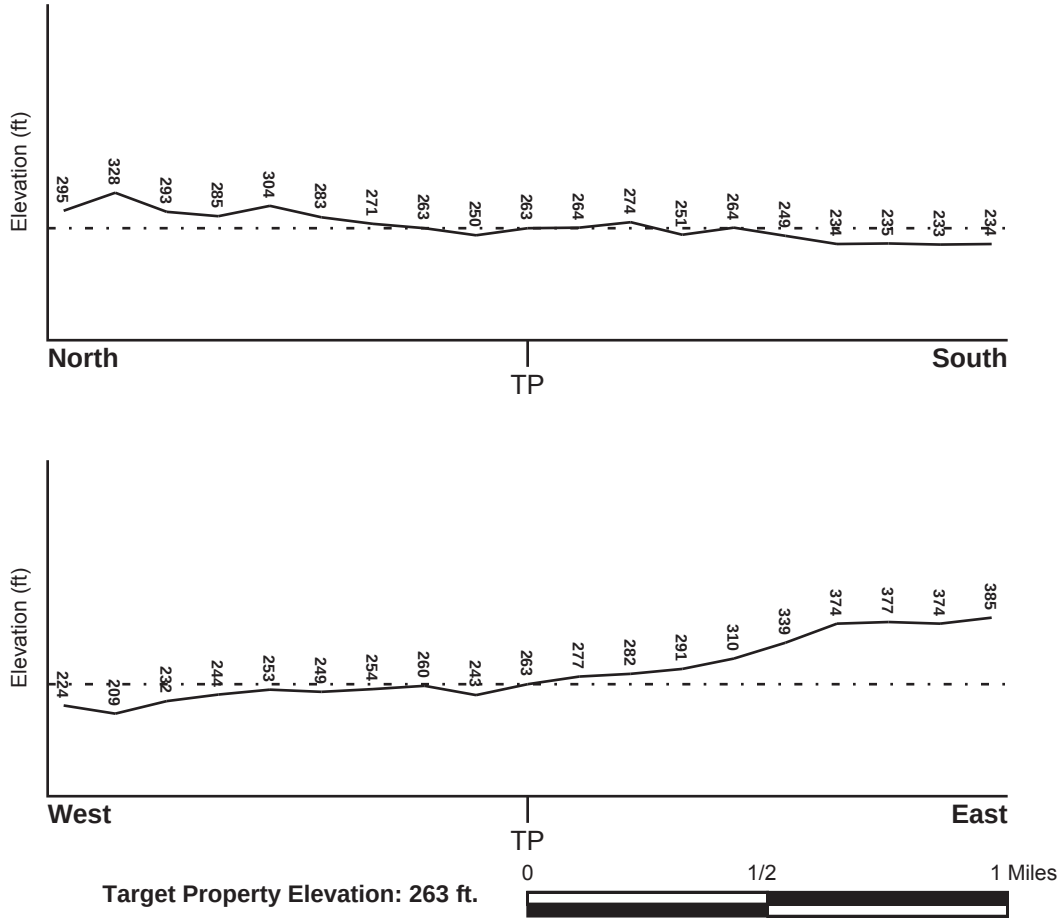
TOPOGRAPHIC INFORMATION

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 West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

Flood Plain Panel at Target Property	FEMA Source Type
06037C1620F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06037C1610F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
HOLLYWOOD	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
Status:	Not found

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
A1	1/2 - 1 Mile ENE	Not Reported
A2	1/2 - 1 Mile ENE	Not Reported
3	1/2 - 1 Mile NW	SW
B4	1/2 - 1 Mile NW	Varies
B5	1/2 - 1 Mile NW	Not Reported
6	1/2 - 1 Mile WSW	SW
1G	1/2 - 1 Mile NW	SW
2G	1/2 - 1 Mile NW	Varies

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
3G	1/2 - 1 Mile NW	Not Reported
4G	1/2 - 1 Mile ENE	Not Reported
5G	1/2 - 1 Mile ENE	Not Reported
6G	1/2 - 1 Mile WSW	SW

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Tertiary
Series:	Miocene
Code:	Tm *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Surficial Soil Types:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Shallow Soil Types:
fine sandy loam
gravelly - loam
sandy clay
sandy clay loam
clay
silty clay
sand

Deeper Soil Types:
gravelly - sandy loam
sandy loam
very gravelly - sandy loam
stratified
very fine sandy loam
weathered bedrock
sand
gravelly - fine sandy loam
silty clay loam
clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
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	CAOG11000216207	1/8 - 1/4 Mile NNE
A2	CAOG11000216199	1/8 - 1/4 Mile NNE
A3	CAOG11000216253	1/8 - 1/4 Mile North
B4	CAOG11000216391	1/8 - 1/4 Mile North
A5	CAOG11000216200	1/8 - 1/4 Mile NNE
A6	CAOG11000216206	1/8 - 1/4 Mile NE
A7	CAOG11000216116	1/8 - 1/4 Mile NE
B8	CAOG11000216106	1/8 - 1/4 Mile NNW
B9	CAOG11000216107	1/8 - 1/4 Mile NNW
A10	CAOG11000216203	1/8 - 1/4 Mile NNE
A11	CAOG11000216201	1/8 - 1/4 Mile NNE
B12	CAOG11000216250	1/8 - 1/4 Mile North
A13	CAOG11000216209	1/8 - 1/4 Mile NNE
C14	CAOG11000216208	1/8 - 1/4 Mile NE

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C15	CAOG11000216198	1/8 - 1/4 Mile NNE
D16	CAOG11000216202	1/8 - 1/4 Mile North
B17	CAOG11000216259	1/8 - 1/4 Mile North
D18	CAOG11000216257	1/4 - 1/2 Mile North
C19	CAOG11000216117	1/4 - 1/2 Mile NE
D20	CAOG11000216256	1/4 - 1/2 Mile North
B21	CAOG11000216349	1/4 - 1/2 Mile North
B22	CAOG11000216394	1/4 - 1/2 Mile North
C23	CAOG11000216205	1/4 - 1/2 Mile NNE
C24	CAOG11000216204	1/4 - 1/2 Mile NE
E25	CAOG11000216377	1/4 - 1/2 Mile NNW
D26	CAOG11000216252	1/4 - 1/2 Mile North
E27	CAOG11000216376	1/4 - 1/2 Mile North
E28	CAOG11000216402	1/4 - 1/2 Mile North
E29	CAOG11000216398	1/4 - 1/2 Mile North
E30	CAOG11000216400	1/4 - 1/2 Mile NNW
F31	CAOG11000216423	1/4 - 1/2 Mile NW
D32	CAOG11000216035	1/4 - 1/2 Mile NNE
D33	CAOG11000216260	1/4 - 1/2 Mile NNE
G34	CAOG11000216251	1/4 - 1/2 Mile North
H35	CAOG11000216019	1/4 - 1/2 Mile ENE
E36	CAOG11000216351	1/4 - 1/2 Mile NNW
G37	CAOG11000216393	1/4 - 1/2 Mile North
I38	CAOG11000216034	1/4 - 1/2 Mile NNE
H39	CAOG11000215872	1/4 - 1/2 Mile NE
I40	CAOG11000216031	1/4 - 1/2 Mile NNE
E41	CAOG11000216387	1/4 - 1/2 Mile North
G42	CAOG11000216249	1/4 - 1/2 Mile North
G43	CAOG11000216255	1/4 - 1/2 Mile North
H44	CAOG11000216018	1/4 - 1/2 Mile ENE
I45	CAOG11000216258	1/4 - 1/2 Mile NNE
F46	CAOG11000216422	1/4 - 1/2 Mile NW
E47	CAOG11000216357	1/4 - 1/2 Mile NNW
I48	CAOG11000216032	1/4 - 1/2 Mile NNE
G49	CAOG11000216389	1/4 - 1/2 Mile North
I50	CAOG11000216033	1/4 - 1/2 Mile NNE
H51	CAOG11000216013	1/4 - 1/2 Mile ENE
H52	CAOG11000216014	1/4 - 1/2 Mile ENE
H53	CAOG11000216017	1/4 - 1/2 Mile ENE
F54	CAOG11000216425	1/4 - 1/2 Mile NW
H55	CAOG11000216012	1/4 - 1/2 Mile ENE
E56	CAOG11000216362	1/4 - 1/2 Mile NNW
I57	CAOG11000216036	1/4 - 1/2 Mile NNE
G58	CAOG11000216385	1/4 - 1/2 Mile North
E59	CAOG11000216358	1/4 - 1/2 Mile NNW
F60	CAOG11000216185	1/4 - 1/2 Mile NNW
F61	CAOG11000216424	1/4 - 1/2 Mile NW
G62	CAOG11000216384	1/4 - 1/2 Mile North
G63	CAOG11000216359	1/4 - 1/2 Mile North
H64	CAOG11000216005	1/4 - 1/2 Mile ENE
F65	CAOG11000215188	1/4 - 1/2 Mile NW
J66	CAOG11000216363	1/4 - 1/2 Mile NNW
G67	CAOG11000216390	1/4 - 1/2 Mile North
G68	CAOG11000216361	1/4 - 1/2 Mile North
J69	CAOG11000216368	1/4 - 1/2 Mile NNW
K70	CAOG11000216187	1/4 - 1/2 Mile NNW

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
G71	CAOG11000216353	1/4 - 1/2 Mile North
F72	CAOG11000216190	1/4 - 1/2 Mile NW
H73	CAOG11000216016	1/4 - 1/2 Mile ENE
H74	CAOG11000216010	1/4 - 1/2 Mile ENE
J75	CAOG11000216374	1/4 - 1/2 Mile NNW
K76	CAOG11000215410	1/4 - 1/2 Mile NNW
K77	CAOG11000216378	1/4 - 1/2 Mile NNW
78	CAOG11000215904	1/4 - 1/2 Mile NW
K79	CAOG11000216192	1/4 - 1/2 Mile NW
K80	CAOG11000216188	1/4 - 1/2 Mile NW
J81	CAOG11000216372	1/4 - 1/2 Mile NNW
J82	CAOG11000216382	1/4 - 1/2 Mile NNW
J83	CAOG11000216401	1/4 - 1/2 Mile North
L84	CAOG11000216240	1/4 - 1/2 Mile North
M85	CAOG11000216008	1/4 - 1/2 Mile ENE
J86	CAOG11000216367	1/4 - 1/2 Mile NNW
K87	CAOG11000215411	1/4 - 1/2 Mile NNW
J88	CAOG11000216369	1/4 - 1/2 Mile NNW
J89	CAOG11000216356	1/4 - 1/2 Mile North
M90	CAOG11000216011	1/4 - 1/2 Mile ENE
J91	CAOG11000216397	1/4 - 1/2 Mile North
L92	CAOG11000216239	1/4 - 1/2 Mile North
M93	CAOG11000215181	1/4 - 1/2 Mile ENE
J94	CAOG11000216364	1/4 - 1/2 Mile NNW
K95	CAOG11000216373	1/4 - 1/2 Mile NNW
M96	CAOG11000216009	1/4 - 1/2 Mile ENE
K97	CAOG11000216191	1/4 - 1/2 Mile NW
K98	CAOG11000215197	1/4 - 1/2 Mile NNW
L99	CAOG11000216254	1/4 - 1/2 Mile North
J100	CAOG11000216354	1/4 - 1/2 Mile North
J101	CAOG11000216415	1/4 - 1/2 Mile NNW
J102	CAOG11000216416	1/4 - 1/2 Mile NNW
N103	CAOG11000216006	1/4 - 1/2 Mile NE
L104	CAOG11000216241	1/4 - 1/2 Mile North
K105	CAOG11000216189	1/4 - 1/2 Mile NNW
J106	CAOG11000216350	1/4 - 1/2 Mile North
J107	CAOG11000216355	1/4 - 1/2 Mile NNW
L108	CAOG11000216399	1/4 - 1/2 Mile North
J109	CAOG11000216421	1/4 - 1/2 Mile NNW
K110	CAOG11000216186	1/4 - 1/2 Mile NW
J111	CAOG11000216329	1/4 - 1/2 Mile NNW
J112	CAOG11000216412	1/4 - 1/2 Mile NNW
L113	CAOG11000216237	1/4 - 1/2 Mile North
M114	CAOG11000216007	1/4 - 1/2 Mile ENE
O115	CAOG11000215184	1/4 - 1/2 Mile NNW
L116	CAOG11000216386	1/4 - 1/2 Mile North
N117	CAOG11000216015	1/4 - 1/2 Mile NE
J118	CAOG11000215187	1/4 - 1/2 Mile NNW
M119	CAOG11000215680	1/4 - 1/2 Mile ENE
O120	CAOG11000216340	1/4 - 1/2 Mile NNW
J121	CAOG11000216418	1/4 - 1/2 Mile NNW
O122	CAOG11000215186	1/4 - 1/2 Mile NNW
K123	CAOG11000216195	1/4 - 1/2 Mile NNW
O124	CAOG11000216330	1/4 - 1/2 Mile NNW
O125	CAOG11000216339	1/4 - 1/2 Mile NNW
J126	CAOG11000216352	1/4 - 1/2 Mile NNW

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
L127	CAOG11000216238	1/4 - 1/2 Mile North
M128	CAOG11000215149	1/4 - 1/2 Mile ENE
O129	CAOG11000215183	1/4 - 1/2 Mile NNW
N130	CAOG11000215774	1/4 - 1/2 Mile NE
N131	CAOG11000216004	1/4 - 1/2 Mile NE
O132	CAOG11000216338	1/4 - 1/2 Mile NNW
L133	CAOG11000216388	1/4 - 1/2 Mile North
N134	CAOG11000216262	1/4 - 1/2 Mile NE
O135	CAOG11000216417	1/4 - 1/2 Mile NNW
M136	CAOG11000215678	1/4 - 1/2 Mile ENE
O137	CAOG11000215185	1/4 - 1/2 Mile NNW
O138	CAOG11000216327	1/4 - 1/2 Mile NNW
O139	CAOG11000216328	1/4 - 1/2 Mile NNW
M140	CAOG11000215676	1/4 - 1/2 Mile ENE
O141	CAOG11000216341	1/4 - 1/2 Mile NNW
N142	CAOG11000216261	1/4 - 1/2 Mile NE
O143	CAOG11000216419	1/4 - 1/2 Mile NNW
L144	CAOG11000216234	1/4 - 1/2 Mile North
O145	CAOG11000216411	1/4 - 1/2 Mile NNW
M146	CAOG11000215669	1/4 - 1/2 Mile ENE
O147	CAOG11000216413	1/4 - 1/2 Mile NNW
O148	CAOG11000216346	1/4 - 1/2 Mile NNW
L149	CAOG11000216381	1/4 - 1/2 Mile North
O150	CAOG11000216420	1/4 - 1/2 Mile NNW
M151	CAOG11000215677	1/4 - 1/2 Mile ENE
O152	CAOG11000216343	1/4 - 1/2 Mile NNW
O153	CAOG11000216414	1/4 - 1/2 Mile NNW
P154	CAOG11000215189	1/4 - 1/2 Mile NW
O155	CAOG11000216344	1/4 - 1/2 Mile NNW
Q156	CAOG11000216231	1/4 - 1/2 Mile WNW
R157	CAOG11000216379	1/4 - 1/2 Mile North
R158	CAOG11000216383	1/4 - 1/2 Mile North
S159	CAOG11000216235	1/4 - 1/2 Mile North
T160	CAOG11000215663	1/4 - 1/2 Mile ENE
R161	CAOG11000216380	1/4 - 1/2 Mile North
O162	CAOG11000216342	1/4 - 1/2 Mile NNW
Q163	CAOG11000216225	1/4 - 1/2 Mile WNW
T164	CAOG11000215586	1/4 - 1/2 Mile ENE
Q165	CAOG11000216230	1/4 - 1/2 Mile WNW
P166	CAOG11000216196	1/4 - 1/2 Mile NW
T167	CAOG11000215664	1/4 - 1/2 Mile ENE
R168	CAOG11000216360	1/4 - 1/2 Mile North
R169	CAOG11000216236	1/4 - 1/2 Mile North
O170	CAOG11000216347	1/4 - 1/2 Mile NNW
R171	CAOG11000215718	1/4 - 1/2 Mile NNW
N172	CAOG11000215701	1/4 - 1/2 Mile NE
U173	CAOG11000215679	1/4 - 1/2 Mile ENE
Q174	CAOG11000216222	1/4 - 1/2 Mile WNW
R175	CAOG11000215716	1/4 - 1/2 Mile NNW
R176	CAOG11000216365	1/4 - 1/2 Mile North
R177	CAOG11000216366	1/4 - 1/2 Mile North
T178	CAOG11000215675	1/4 - 1/2 Mile ENE
Q179	CAOG11000216223	1/4 - 1/2 Mile WNW
P180	CAOG11000216323	1/4 - 1/2 Mile NNW
P181	CAOG11000216324	1/4 - 1/2 Mile NNW
T182	CAOG11000215661	1/4 - 1/2 Mile ENE

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
U183	CAOG11000215668	1/4 - 1/2 Mile ENE
Q184	CAOG11000216232	1/4 - 1/2 Mile WNW
O185	CAOG11000215724	1/4 - 1/2 Mile NNW
R186	CAOG11000216375	1/4 - 1/2 Mile North
O187	CAOG11000216348	1/4 - 1/2 Mile NNW
T188	CAOG11000215566	1/4 - 1/2 Mile NE
U189	CAOG11000213824	1/4 - 1/2 Mile ENE
Q190	CAOG11000216221	1/4 - 1/2 Mile WNW
Q191	CAOG11000216224	1/4 - 1/2 Mile WNW
Q192	CAOG11000216229	1/4 - 1/2 Mile WNW
T193	CAOG11000215673	1/4 - 1/2 Mile ENE
T194	CAOG11000215674	1/4 - 1/2 Mile ENE
T195	CAOG11000215662	1/4 - 1/2 Mile ENE
R196	CAOG11000216371	1/4 - 1/2 Mile North
Q197	CAOG11000216227	1/2 - 1 Mile WNW
P198	CAOG11000216197	1/2 - 1 Mile NW
Q199	CAOG11000216228	1/2 - 1 Mile WNW
P200	CAOG11000216326	1/2 - 1 Mile NNW
201	CAOG11000216226	1/2 - 1 Mile NW
R202	CAOG11000216370	1/2 - 1 Mile North
R203	CAOG11000216396	1/2 - 1 Mile North
T204	CAOG11000215667	1/2 - 1 Mile ENE
P205	CAOG11000216322	1/2 - 1 Mile NNW
T206	CAOG11000215660	1/2 - 1 Mile ENE
V207	CAOG11000216325	1/2 - 1 Mile NNW
T208	CAOG11000215670	1/2 - 1 Mile ENE
T209	CAOG11000215685	1/2 - 1 Mile ENE
U210	CAOG11000215666	1/2 - 1 Mile ENE
U211	CAOG11000215665	1/2 - 1 Mile ENE
S212	CAOG11000215776	1/2 - 1 Mile North
R213	CAOG11000216392	1/2 - 1 Mile North
R214	CAOG11000216395	1/2 - 1 Mile North
V215	CAOG11000216333	1/2 - 1 Mile NNW
V216	CAOG11000216337	1/2 - 1 Mile NNW
W217	CAOG11000215779	1/2 - 1 Mile North
S218	CAOG11000215775	1/2 - 1 Mile North
W219	CAOG11000215998	1/2 - 1 Mile North
R220	CAOG11000215999	1/2 - 1 Mile North
R221	CAOG11000216000	1/2 - 1 Mile North
X222	CAOG11000215723	1/2 - 1 Mile NNW
U223	CAOG11000215182	1/2 - 1 Mile ENE
R224	CAOG11000216001	1/2 - 1 Mile North
X225	CAOG11000215725	1/2 - 1 Mile NNW
W226	CAOG11000215778	1/2 - 1 Mile North
X227	CAOG11000215992	1/2 - 1 Mile North
V228	CAOG11000216331	1/2 - 1 Mile NNW
X229	CAOG11000215726	1/2 - 1 Mile NNW
Y230	CAOG11000215671	1/2 - 1 Mile ENE
W231	CAOG11000215780	1/2 - 1 Mile North
W232	CAOG11000215781	1/2 - 1 Mile North
V233	CAOG11000216332	1/2 - 1 Mile NNW
V234	CAOG11000216335	1/2 - 1 Mile NNW
X235	CAOG11000215711	1/2 - 1 Mile NNW
X236	CAOG11000215721	1/2 - 1 Mile NNW
W237	CAOG11000215751	1/2 - 1 Mile North
W238	CAOG11000215777	1/2 - 1 Mile North

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
X239	CAOG11000215710	1/2 - 1 Mile NNW
V240	CAOG11000216334	1/2 - 1 Mile NNW
V241	CAOG11000215707	1/2 - 1 Mile NNW
V242	CAOG11000216336	1/2 - 1 Mile NNW
Y243	CAOG11000215659	1/2 - 1 Mile ENE
Y244	CAOG11000215672	1/2 - 1 Mile ENE
Y245	CAOG11000215657	1/2 - 1 Mile ENE
X246	CAOG11000215708	1/2 - 1 Mile NNW
W247	CAOG11000215750	1/2 - 1 Mile North
V248	CAOG11000216345	1/2 - 1 Mile NNW
Y249	CAOG11000215658	1/2 - 1 Mile ENE
X250	CAOG11000215719	1/2 - 1 Mile NNW
X251	CAOG11000215703	1/2 - 1 Mile NNW
Z252	CAOG11000215717	1/2 - 1 Mile NNW
X253	CAOG11000215705	1/2 - 1 Mile NNW
Z254	CAOG11000215714	1/2 - 1 Mile NNW
X255	CAOG11000215722	1/2 - 1 Mile North
256	CAOG11000200657	1/2 - 1 Mile West
W257	CAOG11000216601	1/2 - 1 Mile North
Z258	CAOG11000215712	1/2 - 1 Mile NNW
AA259	CAOG11000215988	1/2 - 1 Mile North
X260	CAOG11000215709	1/2 - 1 Mile NNW
Y261	CAOG11000215694	1/2 - 1 Mile ENE
Z262	CAOG11000216055	1/2 - 1 Mile NNW
X263	CAOG11000216003	1/2 - 1 Mile North
Z264	CAOG11000215715	1/2 - 1 Mile NNW
AA265	CAOG11000215991	1/2 - 1 Mile North
AA266	CAOG11000215985	1/2 - 1 Mile North
X267	CAOG11000215706	1/2 - 1 Mile NNW
Z268	CAOG11000215704	1/2 - 1 Mile NNW
Z269	CAOG11000216062	1/2 - 1 Mile NNW
Z270	CAOG11000216054	1/2 - 1 Mile NNW
Y271	CAOG11000215691	1/2 - 1 Mile ENE
AA272	CAOG11000215984	1/2 - 1 Mile North
X273	CAOG11000215720	1/2 - 1 Mile North
AB274	CAOG11000215713	1/2 - 1 Mile NNW
AA275	CAOG11000215983	1/2 - 1 Mile North
Z276	CAOG11000216060	1/2 - 1 Mile NNW
Z277	CAOG11000215974	1/2 - 1 Mile NNW
AA278	CAOG11000215987	1/2 - 1 Mile North
Z279	CAOG11000216002	1/2 - 1 Mile NNW
AA280	CAOG11000215990	1/2 - 1 Mile North
Y281	CAOG11000215807	1/2 - 1 Mile ENE
Z282	CAOG11000215957	1/2 - 1 Mile NNW
AC283	CAOG11000215693	1/2 - 1 Mile ENE
Z284	CAOG11000215989	1/2 - 1 Mile NNW
AA285	CAOG11000215986	1/2 - 1 Mile North
Z286	CAOG11000216059	1/2 - 1 Mile NNW
Y287	CAOG11000215841	1/2 - 1 Mile ENE
AB288	CAOG11000215964	1/2 - 1 Mile NNW
Z289	CAOG11000216061	1/2 - 1 Mile NNW
Z290	CAOG11000215981	1/2 - 1 Mile NNW
Z291	CAOG11000216057	1/2 - 1 Mile NNW
Z292	CAOG11000215958	1/2 - 1 Mile NNW
AC293	CAOG11000215692	1/2 - 1 Mile ENE
AB294	CAOG11000215962	1/2 - 1 Mile NNW

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AC295	CAOG11000216105	1/2 - 1 Mile ENE
AC296	CAOG11000215824	1/2 - 1 Mile ENE
Z297	CAOG11000216058	1/2 - 1 Mile NNW
AB298	CAOG11000215966	1/2 - 1 Mile NNW
Z299	CAOG11000215948	1/2 - 1 Mile NNW
AB300	CAOG11000216024	1/2 - 1 Mile NNW
AC301	CAOG11000215761	1/2 - 1 Mile ENE
AB302	CAOG11000216056	1/2 - 1 Mile NNW
AC303	CAOG11000216104	1/2 - 1 Mile ENE
Z304	CAOG11000215959	1/2 - 1 Mile NNW
AD305	CAOG11000215856	1/2 - 1 Mile NW
AB306	CAOG11000215973	1/2 - 1 Mile NNW
AB307	CAOG11000215960	1/2 - 1 Mile NNW
AC308	CAOG11000215823	1/2 - 1 Mile ENE
AC309	CAOG11000216103	1/2 - 1 Mile ENE
Z310	CAOG11000215947	1/2 - 1 Mile NNW
AB311	CAOG11000215767	1/2 - 1 Mile NNW
AB312	CAOG11000215963	1/2 - 1 Mile NNW
AC313	CAOG11000215844	1/2 - 1 Mile ENE
AB314	CAOG11000215982	1/2 - 1 Mile NNW
AE315	CAOG11000215771	1/2 - 1 Mile NW
AB316	CAOG11000215976	1/2 - 1 Mile NNW
AE317	CAOG11000215766	1/2 - 1 Mile NW
AB318	CAOG11000215972	1/2 - 1 Mile NNW
AF319	CAOG11000215950	1/2 - 1 Mile NNW
AC320	CAOG11000215842	1/2 - 1 Mile ENE
AB321	CAOG11000215965	1/2 - 1 Mile NNW
AB322	CAOG11000216023	1/2 - 1 Mile NNW
AD323	CAOG11000215854	1/2 - 1 Mile NW
AB324	CAOG11000215953	1/2 - 1 Mile NNW
AE325	CAOG11000215770	1/2 - 1 Mile NW
AB326	CAOG11000215975	1/2 - 1 Mile NNW
AF327	CAOG11000215951	1/2 - 1 Mile NNW
AB328	CAOG11000215971	1/2 - 1 Mile NNW
AB329	CAOG11000215977	1/2 - 1 Mile NNW
AE330	CAOG11000215768	1/2 - 1 Mile NNW
AF331	CAOG11000215946	1/2 - 1 Mile NNW
AF332	CAOG11000215954	1/2 - 1 Mile NNW
AE333	CAOG11000215773	1/2 - 1 Mile NW
AB334	CAOG11000215980	1/2 - 1 Mile NNW
AC335	CAOG11000216282	1/2 - 1 Mile ENE
336	CAOG11000214746	1/2 - 1 Mile WSW
AF337	CAOG11000215970	1/2 - 1 Mile NNW
AD338	CAOG11000215160	1/2 - 1 Mile NW
AE339	CAOG11000216097	1/2 - 1 Mile NW
AE340	CAOG11000215772	1/2 - 1 Mile NW
AD341	CAOG11000215851	1/2 - 1 Mile NW
AF342	CAOG11000215949	1/2 - 1 Mile NNW
AE343	CAOG11000216092	1/2 - 1 Mile NNW
AE344	CAOG11000215769	1/2 - 1 Mile NNW
AF345	CAOG11000215997	1/2 - 1 Mile NNW
AC346	CAOG11000216281	1/2 - 1 Mile ENE
AF347	CAOG11000215969	1/2 - 1 Mile NNW
AD348	CAOG11000215858	1/2 - 1 Mile NW
AF349	CAOG11000215955	1/2 - 1 Mile NNW
AF350	CAOG11000215952	1/2 - 1 Mile NNW

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AE351	CAOG11000216091	1/2 - 1 Mile NW
AE352	CAOG11000216095	1/2 - 1 Mile NW
AF353	CAOG11000215978	1/2 - 1 Mile NNW
AE354	CAOG11000215850	1/2 - 1 Mile NW
AE355	CAOG11000216029	1/2 - 1 Mile NNW
AE356	CAOG11000216096	1/2 - 1 Mile NW
AD357	CAOG11000215852	1/2 - 1 Mile NW
AE358	CAOG11000216093	1/2 - 1 Mile NW
AF359	CAOG11000211738	1/2 - 1 Mile NNW
AE360	CAOG11000216099	1/2 - 1 Mile NW
AF361	CAOG11000215945	1/2 - 1 Mile NNW
AE362	CAOG11000216030	1/2 - 1 Mile NNW
AE363	CAOG11000215849	1/2 - 1 Mile NW
AF364	CAOG11000215943	1/2 - 1 Mile NNW
AE365	CAOG11000216098	1/2 - 1 Mile NW
AE366	CAOG11000216094	1/2 - 1 Mile NW
AF367	CAOG11000215996	1/2 - 1 Mile NNW
AG368	CAOG11000215956	1/2 - 1 Mile NNW
AE369	CAOG11000216027	1/2 - 1 Mile NNW
AF370	CAOG11000215968	1/2 - 1 Mile NNW
AH371	CAOG11000215820	1/2 - 1 Mile ENE
AH372	CAOG11000216431	1/2 - 1 Mile ENE
AI373	CAOG11000215809	1/2 - 1 Mile NNW
AF374	CAOG11000215979	1/2 - 1 Mile NNW
AE375	CAOG11000215848	1/2 - 1 Mile NW
AJ376	CAOG11000215863	1/2 - 1 Mile NW
AI377	CAOG11000216028	1/2 - 1 Mile NNW
AJ378	CAOG11000215855	1/2 - 1 Mile NW
AH379	CAOG11000216280	1/2 - 1 Mile ENE
AI380	CAOG11000215995	1/2 - 1 Mile NNW
AH381	CAOG11000216430	1/2 - 1 Mile ENE
AF382	CAOG11000215967	1/2 - 1 Mile NNW
AI383	CAOG11000215808	1/2 - 1 Mile NNW
AJ384	CAOG11000215853	1/2 - 1 Mile NW
AI385	CAOG11000215994	1/2 - 1 Mile NNW
AI386	CAOG11000216026	1/2 - 1 Mile NW
AG387	CAOG11000215942	1/2 - 1 Mile NNW
AK388	CAOG11000216025	1/2 - 1 Mile NW
AH389	CAOG11000213955	1/2 - 1 Mile ENE
AH390	CAOG11000192599	1/2 - 1 Mile ENE
AF391	CAOG11000215961	1/2 - 1 Mile NNW
AG392	CAOG11000215944	1/2 - 1 Mile NNW
AJ393	CAOG11000215870	1/2 - 1 Mile NW
AK394	CAOG11000215857	1/2 - 1 Mile NW
AI395	CAOG11000215993	1/2 - 1 Mile NNW
AJ396	CAOG11000215847	1/2 - 1 Mile NW
AH397	CAOG11000215843	1/2 - 1 Mile ENE
AH398	CAOG11000216405	1/2 - 1 Mile ENE
AH399	CAOG11000213956	1/2 - 1 Mile East
AH400	CAOG11000215172	1/2 - 1 Mile ENE
AH401	CAOG11000216406	1/2 - 1 Mile ENE
AJ402	CAOG11000215861	1/2 - 1 Mile NW
AH403	CAOG11000215831	1/2 - 1 Mile ENE
AK404	CAOG11000215862	1/2 - 1 Mile NW
AJ405	CAOG11000215859	1/2 - 1 Mile NW
AL406	CAOG11000213954	1/2 - 1 Mile East

STATE OIL/GAS WELL INFORMATION

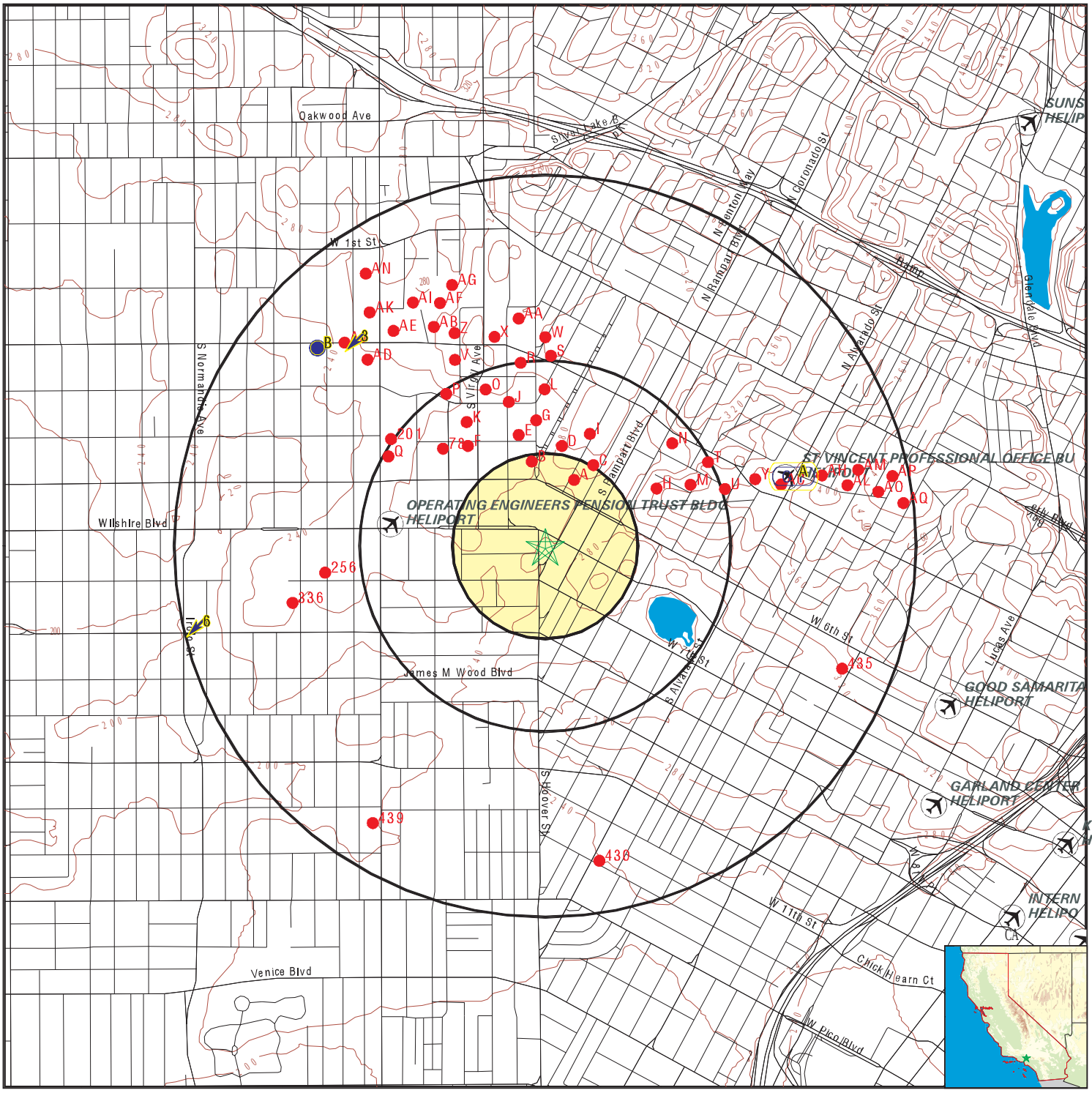
MAP ID	WELL ID	LOCATION FROM TP
AH407	CAOG11000216311	1/2 - 1 Mile ENE
AK408	CAOG11000215864	1/2 - 1 Mile NW
AH409	CAOG11000215830	1/2 - 1 Mile ENE
AH410	CAOG11000215822	1/2 - 1 Mile ENE
AH411	CAOG11000216403	1/2 - 1 Mile ENE
AH412	CAOG11000216404	1/2 - 1 Mile ENE
AJ413	CAOG11000214391	1/2 - 1 Mile NW
AJ414	CAOG11000215860	1/2 - 1 Mile NW
AK415	CAOG11000215869	1/2 - 1 Mile NW
AL416	CAOG11000215821	1/2 - 1 Mile East
AL417	CAOG11000216433	1/2 - 1 Mile ENE
AL418	CAOG11000216407	1/2 - 1 Mile ENE
AL419	CAOG11000215825	1/2 - 1 Mile ENE
AK420	CAOG11000215868	1/2 - 1 Mile NW
AL421	CAOG11000216429	1/2 - 1 Mile ENE
AM422	CAOG11000216432	1/2 - 1 Mile ENE
AL423	CAOG11000215748	1/2 - 1 Mile East
AL424	CAOG11000215731	1/2 - 1 Mile East
AL425	CAOG11000216194	1/2 - 1 Mile ENE
AL426	CAOG11000192947	1/2 - 1 Mile ENE
AL427	CAOG11000216320	1/2 - 1 Mile ENE
AM428	CAOG11000216263	1/2 - 1 Mile ENE
AM429	CAOG11000216264	1/2 - 1 Mile ENE
430	CAOG11000205256	1/2 - 1 Mile South
AN431	CAOG11000215867	1/2 - 1 Mile NW
AL432	CAOG11000215902	1/2 - 1 Mile East
AM433	CAOG11000216265	1/2 - 1 Mile ENE
AO434	CAOG11000215882	1/2 - 1 Mile East
435	CAOG11000205244	1/2 - 1 Mile ESE
AM436	CAOG11000216268	1/2 - 1 Mile ENE
AN437	CAOG11000215865	1/2 - 1 Mile NNW
AM438	CAOG11000216267	1/2 - 1 Mile ENE
439	CAOG11000214015	1/2 - 1 Mile SSW
AM440	CAOG11000216266	1/2 - 1 Mile ENE
AM441	CAOG11000215880	1/2 - 1 Mile ENE
AO442	CAOG11000215903	1/2 - 1 Mile East
AM443	CAOG11000216428	1/2 - 1 Mile ENE
AN444	CAOG11000215866	1/2 - 1 Mile NNW
AO445	CAOG11000216283	1/2 - 1 Mile East
AO446	CAOG11000215885	1/2 - 1 Mile East
AP447	CAOG11000215579	1/2 - 1 Mile ENE
AO448	CAOG11000216279	1/2 - 1 Mile East
AP449	CAOG11000215580	1/2 - 1 Mile ENE
AP450	CAOG11000216286	1/2 - 1 Mile ENE
AO451	CAOG11000215879	1/2 - 1 Mile East
AP452	CAOG11000216233	1/2 - 1 Mile ENE
AO453	CAOG11000215937	1/2 - 1 Mile East
AP454	CAOG11000215602	1/2 - 1 Mile ENE
AP455	CAOG11000216284	1/2 - 1 Mile East
AP456	CAOG11000215733	1/2 - 1 Mile East
AP457	CAOG11000215883	1/2 - 1 Mile East
AP458	CAOG11000215603	1/2 - 1 Mile ENE
AQ459	CAOG11000215938	1/2 - 1 Mile East
AP460	CAOG11000215578	1/2 - 1 Mile ENE
AP461	CAOG11000215887	1/2 - 1 Mile East
AP462	CAOG11000216040	1/2 - 1 Mile ENE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AQ463	CAOG11000215939	1/2 - 1 Mile East
AP464	CAOG11000216274	1/2 - 1 Mile East
AQ465	CAOG11000215941	1/2 - 1 Mile East
AQ466	CAOG11000215940	1/2 - 1 Mile East
AP467	CAOG11000215577	1/2 - 1 Mile ENE
AP468	CAOG11000215190	1/2 - 1 Mile East
AP469	CAOG11000216275	1/2 - 1 Mile East
AQ470	CAOG11000216276	1/2 - 1 Mile East
AP471	CAOG11000215582	1/2 - 1 Mile ENE

PHYSICAL SETTING SOURCE MAP - 5448467.2s



- 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:	LABOE Lafayette Park Place	CLIENT:	AECOM
ADDRESS:	625 S Lafayette Park Place Los Angeles CA 90005	CONTACT:	JESSICA HIMEBAUCH
		INQUIRY #:	5448467.2s
LAT/LONG:	34.061096 / 118.283903	DATE:	October 09, 2018 4:54 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
A1 **ENE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	900570061 Not Reported 8.37 12 Not Reported 08/07/1996	**AQUIFLOW**	**55176**
A2 **ENE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	900570061 Not Reported 8.37 12 Not Reported 08/07/1996	**AQUIFLOW**	**55198**
3 **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	900200098 SW 13.85 16.86 Not Reported 12/31/1998	**AQUIFLOW**	**69686**
B4 **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	900200116 Varies 20 24 Not Reported 10/10/1997	**AQUIFLOW**	**55271**
B5 **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	900200116 Not Reported 20 30 Not Reported 09/1994	**AQUIFLOW**	**55273**
6 **WSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	900050061 SW 16.70 17.80 Not Reported 01/13/1999	**AQUIFLOW**	**70487**
1G **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	900200098 SW 13.85 16.86 Not Reported 12/31/1998	**AQUIFLOW**	**69686**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
2G **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	900200116 Varies 20 24 Not Reported 10/10/1997	**AQUIFLOW**	**55271**
3G **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	900200116 Not Reported 20 30 Not Reported 09/1994	**AQUIFLOW**	**55273**
4G **ENE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	900570061 Not Reported 8.37 12 Not Reported 08/07/1996	**AQUIFLOW**	**55176**
5G **ENE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	900570061 Not Reported 8.37 12 Not Reported 08/07/1996	**AQUIFLOW**	**55198**
6G **WSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	900050061 SW 16.70 17.80 Not Reported 01/13/1999	**AQUIFLOW**	**70487**

Map ID
Direction
Distance

Database EDR ID Number

A1
NNE
1/8 - 1/4 Mile

OIL_GAS **CAOG11000216207**

Districtnu:	1	Apinumber:	03726042
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Phelps & Beveridge	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000216207		

A2
NNE
1/8 - 1/4 Mile

OIL_GAS **CAOG11000216199**

Districtnu:	1	Apinumber:	03726034
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Phelps & Beveridge	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	13
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:	CAOG11000216199		

A3
North
1/8 - 1/4 Mile

OIL_GAS **CAOG11000216253**

Districtnu:	1	Apinumber:	03726089
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Uncle Sam Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216253		

B4
North
1/8 - 1/4 Mile

OIL_GAS **CAOG11000216391**

Districtnu:	1	Apinumber:	03726227
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3A
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:	CAOG11000216391		

A5
NNE
1/8 - 1/4 Mile

OIL_GAS **CAOG11000216200**

Districtnu:	1	Apinumber:	03726035
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Phelps & Beveridge	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000216200		

A6
NE
1/8 - 1/4 Mile

OIL_GAS **CAOG11000216206**

Districtnu:	1	Apinumber:	03726041
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Phelps & Beveridge	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216206		

A7
NE **OIL_GAS** **CAOG11000216116**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03725951
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	O'Donnell Oil, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000216116		

B8
NNW **OIL_GAS** **CAOG11000216106**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03725941
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	N. Conkhite	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000216106		

Map ID
Direction
Distance

Database EDR ID Number

B9
NNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000216107**

Districtnu:	1	Apinumber:	03725942
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	N. Conkhite	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216107		

A10
NNE
1/8 - 1/4 Mile

OIL_GAS **CAOG11000216203**

Districtnu:	1	Apinumber:	03726038
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Phelps & Beveridge	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	9
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:	CAOG11000216203		

A11
NNE
1/8 - 1/4 Mile

OIL_GAS **CAOG11000216201**

Districtnu:	1	Apinumber:	03726036
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Phelps & Beveridge	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	10

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:	CAOG11000216201		

B12
North
1/8 - 1/4 Mile

OIL_GAS **CAOG11000216250**

Districtnu:	1	Apinumber:	03726086
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Uncle Sam Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000216250		

A13
NNE
1/8 - 1/4 Mile

OIL_GAS **CAOG11000216209**

Districtnu:	1	Apinumber:	03726044
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Phelps & Beveridge	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000216209		

C14
NE
1/8 - 1/4 Mile

OIL_GAS **CAOG11000216208**

Districtnu:	1	Apinumber:	03726043
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Phelps & Beveridge	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6
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:	CAOG11000216208		

C15
NNE **OIL_GAS** **CAOG11000216198**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03726033
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Phelps & Beveridge	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	12
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:	CAOG11000216198		

D16
North **OIL_GAS** **CAOG11000216202**
1/8 - 1/4 Mile

Districtnu:	1	Apinumber:	03726037
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Phelps & Beveridge	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	11
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:	CAOG11000216202		

Map ID
Direction
Distance

Database EDR ID Number

B17
North
1/8 - 1/4 Mile

OIL_GAS **CAOG11000216259**

Districtnu:	1	Apinumber:	03726095
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Uncle Sam Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7
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:	CAOG11000216259		

D18
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216257**

Districtnu:	1	Apinumber:	03726093
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Uncle Sam Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000216257		

C19
NE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216117**

Districtnu:	1	Apinumber:	03725952
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	O'Donnell Oil, LLC	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216117		

D20
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216256**

Districtnu:	1	Apinumber:	03726092
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Uncle Sam Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216256		

B21
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216349**

Districtnu:	1	Apinumber:	03726185
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216349		

B22
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216394**

Districtnu:	1	Apinumber:	03726230
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	2A
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:	CAOG11000216394		

C23
NNE **OIL_GAS** **CAOG11000216205**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03726040
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Phelps & Beveridge	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7
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:	CAOG11000216205		

C24
NE **OIL_GAS** **CAOG11000216204**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03726039
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Phelps & Beveridge	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8
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:	CAOG11000216204		

Map ID
Direction
Distance

Database EDR ID Number

E25
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216377**

Districtnu:	1	Apinumber:	03726213
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	1A
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:	CAOG11000216377		

D26
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216252**

Districtnu:	1	Apinumber:	03726088
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Uncle Sam Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	10
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:	CAOG11000216252		

E27
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216376**

Districtnu:	1	Apinumber:	03726212
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000216376		

E28
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216402**

Districtnu:	1	Apinumber:	03726238
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	4A
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:	CAOG11000216402		

E29
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216398**

Districtnu:	1	Apinumber:	03726234
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5A
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:	CAOG11000216398		

E30
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216400**

Districtnu:	1	Apinumber:	03726236
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6A
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:	CAOG11000216400		

F31
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216423**

Districtnu:	1	Apinumber:	03726259
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wilson Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	11
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:	CAOG11000216423		

D32
NNE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216035**

Districtnu:	1	Apinumber:	03725870
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Lincoln Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6
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:	CAOG11000216035		

Map ID
Direction
Distance

Database EDR ID Number

D33
NNE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216260**

Districtnu:	1	Apinumber:	03726096
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Uncle Sam Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000216260		

G34
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216251**

Districtnu:	1	Apinumber:	03726087
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Uncle Sam Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	11
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:	CAOG11000216251		

H35
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216019**

Districtnu:	1	Apinumber:	03725854
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L. A. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5

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:	CAOG11000216019		

E36
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216351**

Districtnu:	1	Apinumber:	03726187
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	16A
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:	CAOG11000216351		

G37
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216393**

Districtnu:	1	Apinumber:	03726229
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000216393		

I38
NNE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216034**

Districtnu:	1	Apinumber:	03725869
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Lincoln Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000216034		

H39
NE **OIL_GAS** **CAOG11000215872**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03725707
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hubble Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215872		

I40
NNE **OIL_GAS** **CAOG11000216031**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03725866
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Lincoln Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000216031		

Map ID
Direction
Distance

Database EDR ID Number

E41
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216387**

Districtnu:	1	Apinumber:	03726223
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7A
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:	CAOG11000216387		

G42
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216249**

Districtnu:	1	Apinumber:	03726085
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Uncle Sam Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	12
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:	CAOG11000216249		

G43
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216255**

Districtnu:	1	Apinumber:	03726091
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Uncle Sam Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8

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:	CAOG11000216255		

H44
ENE **OIL_GAS** **CAOG11000216018**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03725853
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L. A. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7
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:	CAOG11000216018		

I45
NNE **OIL_GAS** **CAOG11000216258**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03726094
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Uncle Sam Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6
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:	CAOG11000216258		

F46
NW **OIL_GAS** **CAOG11000216422**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03726258
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Wilson Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	10
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:	CAOG11000216422		

E47
NNW **OIL_GAS** **CAOG11000216357**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03726193
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	17A
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:	CAOG11000216357		

I48
NNE **OIL_GAS** **CAOG11000216032**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03725867
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Lincoln Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216032		

Map ID
Direction
Distance

Database EDR ID Number

G49
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216389**

Districtnu:	1	Apinumber:	03726225
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8A
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:	CAOG11000216389		

I50
NNE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216033**

Districtnu:	1	Apinumber:	03725868
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Lincoln Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216033		

H51
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216013**

Districtnu:	1	Apinumber:	03725848
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L. A. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8

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:	CAOG11000216013		

H52
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216014**

Districtnu:	1	Apinumber:	03725849
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L. A. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216014		

H53
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216017**

Districtnu:	1	Apinumber:	03725852
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L. A. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6
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:	CAOG11000216017		

F54
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216425**

Districtnu:	1	Apinumber:	03726261
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Wilson Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	9
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:	CAOG11000216425		

H55
ENE **OIL_GAS** **CAOG11000216012**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03725847
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L. A. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7A
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:	CAOG11000216012		

E56
NNW **OIL_GAS** **CAOG11000216362**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03726198
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	13A
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:	CAOG11000216362		

Map ID
Direction
Distance

Database EDR ID Number

I57
NNE **OIL_GAS** **CAOG11000216036**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03725871
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Lincoln Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000216036		

G58
North **OIL_GAS** **CAOG11000216385**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03726221
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	9A
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:	CAOG11000216385		

E59
NNW **OIL_GAS** **CAOG11000216358**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03726194
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	18A

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:	CAOG11000216358		

F60
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216185**

Districtnu:	1	Apinumber:	03726020
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Parker Oil Col	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	16
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:	CAOG11000216185		

F61
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216424**

Districtnu:	1	Apinumber:	03726260
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wilson Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8
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:	CAOG11000216424		

G62
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216384**

Districtnu:	1	Apinumber:	03726220
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	10A
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:	CAOG11000216384		

G63
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216359**

Districtnu:	1	Apinumber:	03726195
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	12A
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:	CAOG11000216359		

H64
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216005**

Districtnu:	1	Apinumber:	03725840
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L. A. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	4A
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:	CAOG11000216005		

Map ID
Direction
Distance

Database EDR ID Number

F65
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215188**

Districtnu:	1	Apinumber:	03723892
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Parker Oil Col	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000215188		

J66
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216363**

Districtnu:	1	Apinumber:	03726199
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	14A
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:	CAOG11000216363		

G67
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216390**

Districtnu:	1	Apinumber:	03726226
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216390		

G68
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216361**

Districtnu:	1	Apinumber:	03726197
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	11A
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:	CAOG11000216361		

J69
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216368**

Districtnu:	1	Apinumber:	03726204
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	23A
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:	CAOG11000216368		

K70
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216187**

Districtnu:	1	Apinumber:	03726022
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Parker Oil Col	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	17
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:	CAOG11000216187		

G71
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216353**

Districtnu:	1	Apinumber:	03726189
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	15A
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:	CAOG11000216353		

F72
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216190**

Districtnu:	1	Apinumber:	03726025
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Parker Oil Col	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	22
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:	CAOG11000216190		

Map ID
Direction
Distance

Database EDR ID Number

H73
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216016**

Districtnu:	1	Apinumber:	03725851
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L. A. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000216016		

H74
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216010**

Districtnu:	1	Apinumber:	03725845
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L. A. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216010		

J75
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216374**

Districtnu:	1	Apinumber:	03726210
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	24A

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:	CAOG11000216374		

K76
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215410**

Districtnu:	1	Apinumber:	03725216
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Parker Oil Col	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000215410		

K77
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216378**

Districtnu:	1	Apinumber:	03726214
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	19A
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:	CAOG11000216378		

78
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215904**

Districtnu:	1	Apinumber:	03725739
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	J. H. Smith	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	9
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:	CAOG11000215904		

K79
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216192**

Districtnu:	1	Apinumber:	03726027
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Parker Oil Col	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	24
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:	CAOG11000216192		

K80
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216188**

Districtnu:	1	Apinumber:	03726023
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Parker Oil Col	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	23
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:	CAOG11000216188		

Map ID
Direction
Distance

Database EDR ID Number

J81
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216372**

Districtnu:	1	Apinumber:	03726208
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	25A
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:	CAOG11000216372		

J82
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216382**

Districtnu:	1	Apinumber:	03726218
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	26A
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:	CAOG11000216382		

J83
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216401**

Districtnu:	1	Apinumber:	03726237
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5

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:	CAOG11000216401		

L84
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216240**

Districtnu:	1	Apinumber:	03726076
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Sierra Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7
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:	CAOG11000216240		

M85
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216008**

Districtnu:	1	Apinumber:	03725843
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L. A. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000216008		

J86
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216367**

Districtnu:	1	Apinumber:	03726203
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	22A
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:	CAOG11000216367		

K87
NNW **OIL_GAS** **CAOG11000215411**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03725217
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Parker Oil Col	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000215411		

J88
NNW **OIL_GAS** **CAOG11000216369**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03726205
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	21A
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:	CAOG11000216369		

Map ID
Direction
Distance

Database EDR ID Number

J89
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216356**

Districtnu:	1	Apinumber:	03726192
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	18
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:	CAOG11000216356		

M90
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216011**

Districtnu:	1	Apinumber:	03725846
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L. A. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	10
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:	CAOG11000216011		

J91
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216397**

Districtnu:	1	Apinumber:	03726233
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6

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:	CAOG11000216397		

L92
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216239**

Districtnu:	1	Apinumber:	03726075
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Sierra Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6
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:	CAOG11000216239		

M93
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215181**

Districtnu:	1	Apinumber:	03723885
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L. A. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	9
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:	CAOG11000215181		

J94
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216364**

Districtnu:	1	Apinumber:	03726200
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	14
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:	CAOG11000216364		

K95
NNW **OIL_GAS** **CAOG11000216373**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03726209
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	20A
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:	CAOG11000216373		

M96
ENE **OIL_GAS** **CAOG11000216009**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03725844
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L. A. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	11
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:	CAOG11000216009		

Map ID
Direction
Distance

Database EDR ID Number

K97
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216191**

Districtnu:	1	Apinumber:	03726026
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Parker Oil Col	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	25
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:	CAOG11000216191		

K98
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215197**

Districtnu:	1	Apinumber:	03723902
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Parker Oil Col	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	20
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:	CAOG11000215197		

L99
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216254**

Districtnu:	1	Apinumber:	03726090
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Uncle Sam Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	9

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:	CAOG11000216254		

J100
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216354**

Districtnu:	1	Apinumber:	03726190
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	19
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:	CAOG11000216354		

J101
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216415**

Districtnu:	1	Apinumber:	03726251
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wilson & Wheat	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	10
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:	CAOG11000216415		

J102
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216416**

Districtnu:	1	Apinumber:	03726252
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Wilson & Wheat	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	9
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:	CAOG11000216416		

N103
NE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216006**

Districtnu:	1	Apinumber:	03725841
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	L. A. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	1A
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:	CAOG11000216006		

L104
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216241**

Districtnu:	1	Apinumber:	03726077
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Sierra Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000216241		

Map ID
Direction
Distance

Database EDR ID Number

K105
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216189**

Districtnu:	1	Apinumber:	03726024
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Parker Oil Col	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	21
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:	CAOG11000216189		

J106
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216350**

Districtnu:	1	Apinumber:	03726186
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	17
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:	CAOG11000216350		

J107
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216355**

Districtnu:	1	Apinumber:	03726191
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	15

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:	CAOG11000216355		

L108
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216399**

Districtnu:	1	Apinumber:	03726235
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7
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:	CAOG11000216399		

J109
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216421**

Districtnu:	1	Apinumber:	03726257
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wilson & Wheat	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6
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:	CAOG11000216421		

K110
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216186**

Districtnu:	1	Apinumber:	03726021
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Parker Oil Col	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	26
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:	CAOG11000216186		

J111
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216329**

Districtnu:	1	Apinumber:	03726165
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	14
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:	CAOG11000216329		

J112
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216412**

Districtnu:	1	Apinumber:	03726248
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wilson & Wheat	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	11
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:	CAOG11000216412		

Map ID
Direction
Distance

Database EDR ID Number

L113
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216237**

Districtnu:	1	Apinumber:	03726073
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Sierra Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216237		

M114
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216007**

Districtnu:	1	Apinumber:	03725842
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L. A. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	13
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:	CAOG11000216007		

O115
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215184**

Districtnu:	1	Apinumber:	03723888
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Shriners Hospital for Crippled Children		
Countyname:	Los Angeles	Fieldname:	Los Angeles City
Areaname:	Any Area	Section:	19
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported	Gissourcec:	hud
Comments:	Not Reported	Leasename:	Unknown

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:	CAOG11000215184

L116
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216386**

Districtnu:	1	Apinumber:	03726222
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8
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:	CAOG11000216386		

N117
NE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216015**

Districtnu:	1	Apinumber:	03725850
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L. A. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	2A
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:	CAOG11000216015		

J118
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215187**

Districtnu:	1	Apinumber:	03723891
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P

Operatorna:	Shriners Hospital for Crippled Children		
Countyname:	Los Angeles	Fieldname:	Los Angeles City
Areaname:	Any Area	Section:	19
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported	Gissourcec:	hud
Comments:	Not Reported	Leasename:	Unknown
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:	CAOG11000215187

M119
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215680**

Districtnu:	1	Apinumber:	03725514
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. B. Cates	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000215680		

O120
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216340**

Districtnu:	1	Apinumber:	03726176
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	10
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:	CAOG11000216340		

Map ID
Direction
Distance

Database EDR ID Number

J121
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216418**

Districtnu:	1	Apinumber:	03726254
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wilson & Wheat	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8
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:	CAOG11000216418		

O122
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215186**

Districtnu:	1	Apinumber:	03723890
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Shriners Hospital for Crippled Children		
Countyname:	Los Angeles	Fieldname:	Los Angeles City
Areaname:	Any Area	Section:	19
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported	Gissourcec:	hud
Comments:	Not Reported	Leasename:	Unknown
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:	CAOG11000215186

K123
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216195**

Districtnu:	1	Apinumber:	03726030
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Parker Oil Col	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	27

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:	CAOG11000216195		

O124
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216330**

Districtnu:	1	Apinumber:	03726166
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	13
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:	CAOG11000216330		

O125
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216339**

Districtnu:	1	Apinumber:	03726175
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216339		

J126
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216352**

Districtnu:	1	Apinumber:	03726188
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	16
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:	CAOG11000216352		

L127
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216238**

Districtnu:	1	Apinumber:	03726074
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Sierra Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000216238		

M128
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215149**

Districtnu:	1	Apinumber:	03723853
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	R. H. Alexander, Jr.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000215149		

Map ID
Direction
Distance

Database EDR ID Number

O129
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215183**

Districtnu:	1	Apinumber:	03723887
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Shriners Hospital for Crippled Children		
Countyname:	Los Angeles	Fieldname:	Los Angeles City
Areaname:	Any Area	Section:	19
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported	Gissourcec:	hud
Comments:	Not Reported	Leasename:	Unknown
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:	CAOG11000215183

N130
NE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215774**

Districtnu:	1	Apinumber:	03725608
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Dryden Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215774		

N131
NE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216004**

Districtnu:	1	Apinumber:	03725839
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L. A. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3A

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:	CAOG11000216004		

O132
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216338**

Districtnu:	1	Apinumber:	03726174
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000216338		

L133
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216388**

Districtnu:	1	Apinumber:	03726224
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	9
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:	CAOG11000216388		

N134
NE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216262**

Districtnu:	1	Apinumber:	03726098
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	57A
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:	CAOG11000216262		

O135
NNW **OIL_GAS** **CAOG11000216417**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03726253
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wilson & Wheat	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7
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:	CAOG11000216417		

M136
ENE **OIL_GAS** **CAOG11000215678**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03725512
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. B. Cates	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215678		

Map ID
Direction
Distance

Database EDR ID Number

O137
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215185**

Districtnu:	1	Apinumber:	03723889
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Shriners Hospital for Crippled Children		
Countyname:	Los Angeles	Fieldname:	Los Angeles City
Areaname:	Any Area	Section:	19
Township:	01S	Range:	13W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported	Gissourcec:	hud
Comments:	Not Reported	Leasename:	Unknown
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:	CAOG11000215185

O138
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216327**

Districtnu:	1	Apinumber:	03726163
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	12
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:	CAOG11000216327		

O139
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216328**

Districtnu:	1	Apinumber:	03726164
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	11

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:	CAOG11000216328		

M140
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215676**

Districtnu:	1	Apinumber:	03725510
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. B. Cates	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000215676		

O141
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216341**

Districtnu:	1	Apinumber:	03726177
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	9
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:	CAOG11000216341		

N142
NE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216261**

Districtnu:	1	Apinumber:	03726097
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	57B
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:	CAOG11000216261		

O143
NNW **OIL_GAS** **CAOG11000216419**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03726255
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wilson & Wheat	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216419		

L144
North **OIL_GAS** **CAOG11000216234**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03726070
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Sierra Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000216234		

Map ID
Direction
Distance

Database EDR ID Number

O145
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216411**

Districtnu:	1	Apinumber:	03726247
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wilson & Wheat	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	12
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:	CAOG11000216411		

M146
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215669**

Districtnu:	1	Apinumber:	03725503
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	20
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:	CAOG11000215669		

O147
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216413**

Districtnu:	1	Apinumber:	03726249
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wilson & Wheat	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000216413		

O148
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216346**

Districtnu:	1	Apinumber:	03726182
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000216346		

L149
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216381**

Districtnu:	1	Apinumber:	03726217
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	10
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:	CAOG11000216381		

O150
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216420**

Districtnu:	1	Apinumber:	03726256
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Wilson & Wheat	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000216420		

M151
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215677**

Districtnu:	1	Apinumber:	03725511
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. B. Cates	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215677		

O152
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216343**

Districtnu:	1	Apinumber:	03726179
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8
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:	CAOG11000216343		

Map ID
Direction
Distance

Database EDR ID Number

O153
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216414**

Districtnu:	1	Apinumber:	03726250
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wilson & Wheat	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216414		

P154
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215189**

Districtnu:	1	Apinumber:	03723893
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Parker Oil Col	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	28
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:	CAOG11000215189		

O155
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216344**

Districtnu:	1	Apinumber:	03726180
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216344		

Q156
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216231**

Districtnu:	1	Apinumber:	03726067
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Ruhland Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6
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:	CAOG11000216231		

R157
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216379**

Districtnu:	1	Apinumber:	03726215
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	20
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:	CAOG11000216379		

R158
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216383**

Districtnu:	1	Apinumber:	03726219
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	11
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:	CAOG11000216383		

S159
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216235**

Districtnu:	1	Apinumber:	03726071
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Sierra Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216235		

T160
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215663**

Districtnu:	1	Apinumber:	03725497
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	19
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:	CAOG11000215663		

Map ID
Direction
Distance

Database EDR ID Number

R161
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216380**

Districtnu:	1	Apinumber:	03726216
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	21
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:	CAOG11000216380		

O162
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216342**

Districtnu:	1	Apinumber:	03726178
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7
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:	CAOG11000216342		

Q163
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216225**

Districtnu:	1	Apinumber:	03726061
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Ruhland Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216225		

T164
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215586**

Districtnu:	1	Apinumber:	03725420
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Andrew M. Anderson	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000215586		

Q165
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216230**

Districtnu:	1	Apinumber:	03726066
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Ruhland Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000216230		

P166
NW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216196**

Districtnu:	1	Apinumber:	03726031
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Parker Oil Col	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	29
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:	CAOG11000216196		

T167
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215664**

Districtnu:	1	Apinumber:	03725498
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	18
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:	CAOG11000215664		

R168
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216360**

Districtnu:	1	Apinumber:	03726196
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	12
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:	CAOG11000216360		

Map ID
Direction
Distance

Database EDR ID Number

R169
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216236**

Districtnu:	1	Apinumber:	03726072
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Sierra Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8
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:	CAOG11000216236		

O170
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216347**

Districtnu:	1	Apinumber:	03726183
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6
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:	CAOG11000216347		

R171
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215718**

Districtnu:	1	Apinumber:	03725552
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215718		

N172
NE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215701**

Districtnu:	1	Apinumber:	03725535
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	California Frost Preventative Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215701		

U173
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215679**

Districtnu:	1	Apinumber:	03725513
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. B. Cates	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000215679		

Q174
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216222**

Districtnu:	1	Apinumber:	03726058
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Ruhland Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000216222		

R175
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215716**

Districtnu:	1	Apinumber:	03725550
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000215716		

R176
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216365**

Districtnu:	1	Apinumber:	03726201
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	13
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:	CAOG11000216365		

Map ID
Direction
Distance

Database EDR ID Number

R177
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216366**

Districtnu:	1	Apinumber:	03726202
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	23
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:	CAOG11000216366		

T178
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215675**

Districtnu:	1	Apinumber:	03725509
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000215675		

Q179
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216223**

Districtnu:	1	Apinumber:	03726059
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Ruhland Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	11

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:	CAOG11000216223		

P180
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216323**

Districtnu:	1	Apinumber:	03726159
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	16
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:	CAOG11000216323		

P181
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216324**

Districtnu:	1	Apinumber:	03726160
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	15
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:	CAOG11000216324		

T182
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215661**

Districtnu:	1	Apinumber:	03725495
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	17
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:	CAOG11000215661		

U183
ENE **OIL_GAS** **CAOG11000215668**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03725502
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	21
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:	CAOG11000215668		

Q184
WNW **OIL_GAS** **CAOG11000216232**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03726068
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Ruhland Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000216232		

Map ID
Direction
Distance

Database EDR ID Number

O185
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215724**

Districtnu:	1	Apinumber:	03725558
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000215724		

R186
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216375**

Districtnu:	1	Apinumber:	03726211
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	24
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:	CAOG11000216375		

O187
NNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216348**

Districtnu:	1	Apinumber:	03726184
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5

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:	CAOG11000216348		

T188
NE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215566**

Districtnu:	1	Apinumber:	03725400
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	California Frost Preventative Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000215566		

U189
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000213824**

Districtnu:	1	Apinumber:	03719074
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Andrew M. Anderson	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	POG
Site id:	CAOG11000213824		

Q190
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216221**

Districtnu:	1	Apinumber:	03726057
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Ruhland Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	12
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:	CAOG11000216221		

Q191
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216224**

Districtnu:	1	Apinumber:	03726060
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Ruhland Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	10
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:	CAOG11000216224		

Q192
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216229**

Districtnu:	1	Apinumber:	03726065
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Ruhland Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216229		

Map ID
Direction
Distance

Database EDR ID Number

T193
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215673**

Districtnu:	1	Apinumber:	03725507
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215673		

T194
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215674**

Districtnu:	1	Apinumber:	03725508
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000215674		

T195
ENE
1/4 - 1/2 Mile

OIL_GAS **CAOG11000215662**

Districtnu:	1	Apinumber:	03725496
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	16

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:	CAOG11000215662		

R196
North
1/4 - 1/2 Mile

OIL_GAS **CAOG11000216371**

Districtnu:	1	Apinumber:	03726207
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	26
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:	CAOG11000216371		

Q197
WNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216227**

Districtnu:	1	Apinumber:	03726063
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Ruhland Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7
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:	CAOG11000216227		

P198
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000216197**

Districtnu:	1	Apinumber:	03726032
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Parker Oil Col	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	30
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:	CAOG11000216197		

Q199
WNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216228**

Districtnu:	1	Apinumber:	03726064
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Ruhland Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8
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:	CAOG11000216228		

P200
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216326**

Districtnu:	1	Apinumber:	03726162
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	18
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:	CAOG11000216326		

Map ID
Direction
Distance

Database EDR ID Number

201
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000216226**

Districtnu:	1	Apinumber:	03726062
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Ruhland Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	9
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:	CAOG11000216226		

R202
North
1/2 - 1 Mile

OIL_GAS **CAOG11000216370**

Districtnu:	1	Apinumber:	03726206
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	25
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:	CAOG11000216370		

R203
North
1/2 - 1 Mile

OIL_GAS **CAOG11000216396**

Districtnu:	1	Apinumber:	03726232
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	27

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:	CAOG11000216396		

T204
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215667**

Districtnu:	1	Apinumber:	03725501
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000215667		

P205
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216322**

Districtnu:	1	Apinumber:	03726158
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	17
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:	CAOG11000216322		

T206
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215660**

Districtnu:	1	Apinumber:	03725494
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	15
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:	CAOG11000215660		

V207
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216325**

Districtnu:	1	Apinumber:	03726161
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	19
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:	CAOG11000216325		

T208
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215670**

Districtnu:	1	Apinumber:	03725504
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215670		

Map ID
Direction
Distance

Database EDR ID Number

T209
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215685**

Districtnu:	1	Apinumber:	03725519
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	14
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:	CAOG11000215685		

U210
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215666**

Districtnu:	1	Apinumber:	03725500
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	13
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:	CAOG11000215666		

U211
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215665**

Districtnu:	1	Apinumber:	03725499
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	12

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:	CAOG11000215665		

S212
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215776**

Districtnu:	1	Apinumber:	03725610
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Dunham & Farnsworth	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215776		

R213
North
1/2 - 1 Mile

OIL_GAS **CAOG11000216392**

Districtnu:	1	Apinumber:	03726228
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	29
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:	CAOG11000216392		

R214
North
1/2 - 1 Mile

OIL_GAS **CAOG11000216395**

Districtnu:	1	Apinumber:	03726231
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Westlake Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	28
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:	CAOG11000216395		

V215
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216333**

Districtnu:	1	Apinumber:	03726169
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	21
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:	CAOG11000216333		

V216
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216337**

Districtnu:	1	Apinumber:	03726173
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	20
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:	CAOG11000216337		

Map ID
Direction
Distance

Database EDR ID Number

W217
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215779**

Districtnu:	1	Apinumber:	03725613
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Dunham & Farnsworth	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000215779		

S218
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215775**

Districtnu:	1	Apinumber:	03725609
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Dunham & Farnsworth	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000215775		

W219
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215998**

Districtnu:	1	Apinumber:	03725833
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	53

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:	CAOG11000215998		

R220
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215999**

Districtnu:	1	Apinumber:	03725834
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	52
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:	CAOG11000215999		

R221
North
1/2 - 1 Mile

OIL_GAS **CAOG11000216000**

Districtnu:	1	Apinumber:	03725835
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	51
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:	CAOG11000216000		

X222
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215723**

Districtnu:	1	Apinumber:	03725557
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215723		

U223
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215182**

Districtnu:	1	Apinumber:	03723886
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000215182		

R224
North
1/2 - 1 Mile

OIL_GAS **CAOG11000216001**

Districtnu:	1	Apinumber:	03725836
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	50
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:	CAOG11000216001		

Map ID
Direction
Distance

Database EDR ID Number

X225
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215725**

Districtnu:	1	Apinumber:	03725559
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6
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:	CAOG11000215725		

W226
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215778**

Districtnu:	1	Apinumber:	03725612
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Dunham & Farnsworth	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215778		

X227
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215992**

Districtnu:	1	Apinumber:	03725827
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	49

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:	CAOG11000215992		

V228
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216331**

Districtnu:	1	Apinumber:	03726167
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	22
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:	CAOG11000216331		

X229
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215726**

Districtnu:	1	Apinumber:	03725560
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000215726		

Y230
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215671**

Districtnu:	1	Apinumber:	03725505
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	10
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:	CAOG11000215671		

W231
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215780**

Districtnu:	1	Apinumber:	03725614
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Dunham & Farnsworth	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6
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:	CAOG11000215780		

W232
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215781**

Districtnu:	1	Apinumber:	03725615
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Dunham & Farnsworth	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000215781		

Map ID
Direction
Distance

Database EDR ID Number

V233
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216332**

Districtnu:	1	Apinumber:	03726168
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	23
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:	CAOG11000216332		

V234
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216335**

Districtnu:	1	Apinumber:	03726171
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	25
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:	CAOG11000216335		

X235
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215711**

Districtnu:	1	Apinumber:	03725545
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	13

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:	CAOG11000215711		

X236
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215721**

Districtnu:	1	Apinumber:	03725555
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7
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:	CAOG11000215721		

W237
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215751**

Districtnu:	1	Apinumber:	03725585
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Daily Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000215751		

W238
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215777**

Districtnu:	1	Apinumber:	03725611
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Dunham & Farnsworth	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7
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:	CAOG11000215777		

X239
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215710**

Districtnu:	1	Apinumber:	03725544
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	14
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:	CAOG11000215710		

V240
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216334**

Districtnu:	1	Apinumber:	03726170
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	26
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:	CAOG11000216334		

Map ID
Direction
Distance

Database EDR ID Number

V241
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215707**

Districtnu:	1	Apinumber:	03725541
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	15
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:	CAOG11000215707		

V242
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216336**

Districtnu:	1	Apinumber:	03726172
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	24
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:	CAOG11000216336		

Y243
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215659**

Districtnu:	1	Apinumber:	03725493
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6

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:	CAOG11000215659		

Y244
ENE **OIL_GAS** **CAOG11000215672**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03725506
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	9
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:	CAOG11000215672		

Y245
ENE **OIL_GAS** **CAOG11000215657**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03725491
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7
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:	CAOG11000215657		

X246
NNW **OIL_GAS** **CAOG11000215708**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03725542
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	12
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:	CAOG11000215708		

W247
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215750**

Districtnu:	1	Apinumber:	03725584
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Daily Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000215750		

V248
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216345**

Districtnu:	1	Apinumber:	03726181
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Wellington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	27
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:	CAOG11000216345		

Map ID
Direction
Distance

Database EDR ID Number

Y249
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215658**

Districtnu:	1	Apinumber:	03725492
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	C. Shirm	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8
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:	CAOG11000215658		

X250
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215719**

Districtnu:	1	Apinumber:	03725553
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	10
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:	CAOG11000215719		

X251
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215703**

Districtnu:	1	Apinumber:	03725537
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	16

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:	CAOG11000215703		

Z252
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215717**

Districtnu:	1	Apinumber:	03725551
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	20
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:	CAOG11000215717		

X253
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215705**

Districtnu:	1	Apinumber:	03725539
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	17
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:	CAOG11000215705		

Z254
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215714**

Districtnu:	1	Apinumber:	03725548
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	21
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:	CAOG11000215714		

X255
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215722**

Districtnu:	1	Apinumber:	03725556
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8
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:	CAOG11000215722		

256
West
1/2 - 1 Mile

OIL_GAS **CAOG11000200657**

Districtnu:	1	Apinumber:	03700028
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	25	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Wilton Corehole	Wellnumber:	5
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:	CAOG11000200657		

Map ID
Direction
Distance

Database EDR ID Number

W257
North
1/2 - 1 Mile

OIL_GAS **CAOG11000216601**

Districtnu:	1	Apinumber:	03726464
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Daily Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216601		

Z258
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215712**

Districtnu:	1	Apinumber:	03725546
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	23
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:	CAOG11000215712		

AA259
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215988**

Districtnu:	1	Apinumber:	03725823
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	54

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:	CAOG11000215988		

X260
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215709**

Districtnu:	1	Apinumber:	03725543
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	11
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:	CAOG11000215709		

Y261
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215694**

Districtnu:	1	Apinumber:	03725528
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Chas. V. Hall	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	23
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:	CAOG11000215694		

Z262
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216055**

Districtnu:	1	Apinumber:	03725890
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Maltman Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216055		

X263
North
1/2 - 1 Mile

OIL_GAS **CAOG11000216003**

Districtnu:	1	Apinumber:	03725838
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	55
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:	CAOG11000216003		

Z264
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215715**

Districtnu:	1	Apinumber:	03725549
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	24
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:	CAOG11000215715		

Map ID
Direction
Distance

Database EDR ID Number

AA265
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215991**

Districtnu:	1	Apinumber:	03725826
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	56
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:	CAOG11000215991		

AA266
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215985**

Districtnu:	1	Apinumber:	03725820
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	57
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:	CAOG11000215985		

X267
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215706**

Districtnu:	1	Apinumber:	03725540
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	18

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:	CAOG11000215706		

Z268
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215704**

Districtnu:	1	Apinumber:	03725538
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	19
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:	CAOG11000215704		

Z269
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216062**

Districtnu:	1	Apinumber:	03725897
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Maltman Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000216062		

Z270
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216054**

Districtnu:	1	Apinumber:	03725889
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Maltman Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000216054		

Y271
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215691**

Districtnu:	1	Apinumber:	03725525
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Chas. V. Hall	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	26
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:	CAOG11000215691		

AA272
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215984**

Districtnu:	1	Apinumber:	03725819
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	58
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:	CAOG11000215984		

Map ID
Direction
Distance

Database EDR ID Number

X273
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215720**

Districtnu:	1	Apinumber:	03725554
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	9
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:	CAOG11000215720		

AB274
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215713**

Districtnu:	1	Apinumber:	03725547
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	College Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	22
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:	CAOG11000215713		

AA275
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215983**

Districtnu:	1	Apinumber:	03725818
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	59

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:	CAOG11000215983		

Z276
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216060**

Districtnu:	1	Apinumber:	03725895
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Maltman Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000216060		

Z277
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215974**

Districtnu:	1	Apinumber:	03725809
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215974		

AA278
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215987**

Districtnu:	1	Apinumber:	03725822
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	61
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:	CAOG11000215987		

Z279
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216002**

Districtnu:	1	Apinumber:	03725837
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000216002		

AA280
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215990**

Districtnu:	1	Apinumber:	03725825
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	62
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:	CAOG11000215990		

Map ID
Direction
Distance

Database EDR ID Number

Y281
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215807**

Districtnu:	1	Apinumber:	03725642
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Geo. Lawrence	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215807		

Z282
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215957**

Districtnu:	1	Apinumber:	03725792
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000215957		

AC283
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215693**

Districtnu:	1	Apinumber:	03725527
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Chas. V. Hall	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	24

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:	CAOG11000215693		

Z284
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215989**

Districtnu:	1	Apinumber:	03725824
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6
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:	CAOG11000215989		

AA285
North
1/2 - 1 Mile

OIL_GAS **CAOG11000215986**

Districtnu:	1	Apinumber:	03725821
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	60
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:	CAOG11000215986		

Z286
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216059**

Districtnu:	1	Apinumber:	03725894
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Maltman Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216059		

Y287
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215841**

Districtnu:	1	Apinumber:	03725676
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	H. Rogalske	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	12
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:	CAOG11000215841		

AB288
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215964**

Districtnu:	1	Apinumber:	03725799
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	38
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:	CAOG11000215964		

Map ID
Direction
Distance

Database EDR ID Number

Z289
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216061**

Districtnu:	1	Apinumber:	03725896
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Maltman Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6
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:	CAOG11000216061		

Z290
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215981**

Districtnu:	1	Apinumber:	03725816
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000215981		

Z291
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216057**

Districtnu:	1	Apinumber:	03725892
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Maltman Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7

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:	CAOG11000216057		

Z292
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215958**

Districtnu:	1	Apinumber:	03725793
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215958		

AC293
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215692**

Districtnu:	1	Apinumber:	03725526
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Chas. V. Hall	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	25
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:	CAOG11000215692		

AB294
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215962**

Districtnu:	1	Apinumber:	03725797
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7
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:	CAOG11000215962		

AC295
ENE **OIL_GAS** **CAOG11000216105**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03725940
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Mutual Benefit Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216105		

AC296
ENE **OIL_GAS** **CAOG11000215824**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03725659
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	H. Rogalske	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8
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:	CAOG11000215824		

Map ID
Direction
Distance

Database EDR ID Number

Z297
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216058**

Districtnu:	1	Apinumber:	03725893
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Maltman Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8
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:	CAOG11000216058		

AB298
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215966**

Districtnu:	1	Apinumber:	03725801
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	39
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:	CAOG11000215966		

Z299
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215948**

Districtnu:	1	Apinumber:	03725783
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	11

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:	CAOG11000215948		

AB300
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216024**

Districtnu:	1	Apinumber:	03725859
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Lehigh Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216024		

AC301
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215761**

Districtnu:	1	Apinumber:	03725595
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Dogget & Fletcher	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215761		

AB302
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216056**

Districtnu:	1	Apinumber:	03725891
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Maltman Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	9
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:	CAOG11000216056		

AC303
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216104**

Districtnu:	1	Apinumber:	03725939
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Mutual Benefit Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000216104		

Z304
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215959**

Districtnu:	1	Apinumber:	03725794
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	10
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:	CAOG11000215959		

Map ID
Direction
Distance

Database EDR ID Number

AD305
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215856**

Districtnu:	1	Apinumber:	03725691
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	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:	AOG
Site id:	CAOG11000215856		

AB306
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215973**

Districtnu:	1	Apinumber:	03725808
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	40
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:	CAOG11000215973		

AB307
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215960**

Districtnu:	1	Apinumber:	03725795
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	9

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:	CAOG11000215960		

AC308
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215823**

Districtnu:	1	Apinumber:	03725658
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	H. Rogalske	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	9
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:	CAOG11000215823		

AC309
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216103**

Districtnu:	1	Apinumber:	03725938
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Mutual Benefit Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000216103		

Z310
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215947**

Districtnu:	1	Apinumber:	03725782
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	12
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:	CAOG11000215947		

AB311
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215767**

Districtnu:	1	Apinumber:	03725601
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Doran, Brouse & Price	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215767		

AB312
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215963**

Districtnu:	1	Apinumber:	03725798
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8
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:	CAOG11000215963		

Map ID
Direction
Distance

Database EDR ID Number

AC313
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215844**

Districtnu:	1	Apinumber:	03725679
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	H. Rogalske	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	10
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:	CAOG11000215844		

AB314
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215982**

Districtnu:	1	Apinumber:	03725817
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	41
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:	CAOG11000215982		

AE315
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215771**

Districtnu:	1	Apinumber:	03725605
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Doran, Brouse & Price	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3

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:	CAOG11000215771		

AB316
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215976**

Districtnu:	1	Apinumber:	03725811
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	31
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:	CAOG11000215976		

AE317
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215766**

Districtnu:	1	Apinumber:	03725600
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Doran, Brouse & Price	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000215766		

AB318
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215972**

Districtnu:	1	Apinumber:	03725807
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	32
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:	CAOG11000215972		

AF319
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215950**

Districtnu:	1	Apinumber:	03725785
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	13
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:	CAOG11000215950		

AC320
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215842**

Districtnu:	1	Apinumber:	03725677
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	H. Rogalske	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	11
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:	CAOG11000215842		

Map ID
Direction
Distance

Database EDR ID Number

AB321
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215965**

Districtnu:	1	Apinumber:	03725800
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	42
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:	CAOG11000215965		

AB322
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216023**

Districtnu:	1	Apinumber:	03725858
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Lehigh Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000216023		

AD323
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215854**

Districtnu:	1	Apinumber:	03725689
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000215854		

AB324
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215953**

Districtnu:	1	Apinumber:	03725788
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	23
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:	CAOG11000215953		

AE325
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215770**

Districtnu:	1	Apinumber:	03725604
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Doran, Brouse & Price	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215770		

AB326
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215975**

Districtnu:	1	Apinumber:	03725810
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	30
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:	CAOG11000215975		

AF327
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215951**

Districtnu:	1	Apinumber:	03725786
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	22
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:	CAOG11000215951		

AB328
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215971**

Districtnu:	1	Apinumber:	03725806
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	33
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:	CAOG11000215971		

Map ID
Direction
Distance

Database EDR ID Number

AB329
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215977**

Districtnu:	1	Apinumber:	03725812
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	29
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:	CAOG11000215977		

AE330
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215768**

Districtnu:	1	Apinumber:	03725602
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Doran, Brouse & Price	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7
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:	CAOG11000215768		

AF331
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215946**

Districtnu:	1	Apinumber:	03725781
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	19

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:	CAOG11000215946		

AF332
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215954**

Districtnu:	1	Apinumber:	03725789
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	24
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:	CAOG11000215954		

AE333
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215773**

Districtnu:	1	Apinumber:	03725607
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Doran, Brouse & Price	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000215773		

AB334
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215980**

Districtnu:	1	Apinumber:	03725815
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	43
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:	CAOG11000215980		

AC335
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216282**

Districtnu:	1	Apinumber:	03726118
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	54
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:	CAOG11000216282		

336
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000214746**

Districtnu:	1	Apinumber:	03721776
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	25	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Ambassador Core Hole	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:	CAOG11000214746		

Map ID
Direction
Distance

Database EDR ID Number

AF337
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215970**

Districtnu:	1	Apinumber:	03725805
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	34
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:	CAOG11000215970		

AD338
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215160**

Districtnu:	1	Apinumber:	03723864
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	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:	CAOG11000215160		

AE339
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000216097**

Districtnu:	1	Apinumber:	03725932
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Mrs. Cake	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3

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:	CAOG11000216097		

AE340
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215772**

Districtnu:	1	Apinumber:	03725606
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Doran, Brouse & Price	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6
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:	CAOG11000215772		

AD341
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215851**

Districtnu:	1	Apinumber:	03725686
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	14
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:	CAOG11000215851		

AF342
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215949**

Districtnu:	1	Apinumber:	03725784
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	14
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:	CAOG11000215949		

AE343
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216092**

Districtnu:	1	Apinumber:	03725927
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Mrs. Cake	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216092		

AE344
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215769**

Districtnu:	1	Apinumber:	03725603
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Doran, Brouse & Price	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8
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:	CAOG11000215769		

Map ID
Direction
Distance

Database EDR ID Number

AF345
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215997**

Districtnu:	1	Apinumber:	03725832
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	44
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:	CAOG11000215997		

AC346
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216281**

Districtnu:	1	Apinumber:	03726117
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	55
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:	CAOG11000216281		

AF347
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215969**

Districtnu:	1	Apinumber:	03725804
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	35

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:	CAOG11000215969		

AD348
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215858**

Districtnu:	1	Apinumber:	03725693
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000215858		

AF349
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215955**

Districtnu:	1	Apinumber:	03725790
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	25
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:	CAOG11000215955		

AF350
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215952**

Districtnu:	1	Apinumber:	03725787
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	21
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:	CAOG11000215952		

AE351
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000216091**

Districtnu:	1	Apinumber:	03725926
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Mrs. Cake	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000216091		

AE352
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000216095**

Districtnu:	1	Apinumber:	03725930
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Mrs. Cake	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8
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:	CAOG11000216095		

Map ID
Direction
Distance

Database EDR ID Number

AF353
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215978**

Districtnu:	1	Apinumber:	03725813
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	28
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:	CAOG11000215978		

AE354
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215850**

Districtnu:	1	Apinumber:	03725685
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	15
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:	CAOG11000215850		

AE355
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216029**

Districtnu:	1	Apinumber:	03725864
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Lehigh Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6

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:	CAOG11000216029		

AE356
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000216096**

Districtnu:	1	Apinumber:	03725931
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Mrs. Cake	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216096		

AD357
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215852**

Districtnu:	1	Apinumber:	03725687
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	13
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:	CAOG11000215852		

AE358
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000216093**

Districtnu:	1	Apinumber:	03725928
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Mrs. Cake	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	9
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:	CAOG11000216093		

AF359
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000211738**

Districtnu:	1	Apinumber:	03716579
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Guiberson-Burke Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Texam-Guiberson & Burke-Et Al	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:	CAOG11000211738		

AE360
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000216099**

Districtnu:	1	Apinumber:	03725934
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Mrs. Cake	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000216099		

Map ID
Direction
Distance

Database EDR ID Number

AF361
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215945**

Districtnu:	1	Apinumber:	03725780
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	18
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:	CAOG11000215945		

AE362
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216030**

Districtnu:	1	Apinumber:	03725865
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Lehigh Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000216030		

AE363
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215849**

Districtnu:	1	Apinumber:	03725684
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	16

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:	CAOG11000215849		

AF364
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215943**

Districtnu:	1	Apinumber:	03725778
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	15
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:	CAOG11000215943		

AE365
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000216098**

Districtnu:	1	Apinumber:	03725933
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Mrs. Cake	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6
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:	CAOG11000216098		

AE366
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000216094**

Districtnu:	1	Apinumber:	03725929
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Mrs. Cake	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7
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:	CAOG11000216094		

AF367
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215996**

Districtnu:	1	Apinumber:	03725831
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	45
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:	CAOG11000215996		

AG368
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215956**

Districtnu:	1	Apinumber:	03725791
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	20
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:	CAOG11000215956		

Map ID
Direction
Distance

Database EDR ID Number

AE369
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216027**

Districtnu:	1	Apinumber:	03725862
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Lehigh Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216027		

AF370
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215968**

Districtnu:	1	Apinumber:	03725803
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	36
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:	CAOG11000215968		

AH371
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215820**

Districtnu:	1	Apinumber:	03725655
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	H. Rogalske	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7

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:	CAOG11000215820		

AH372
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216431**

Districtnu:	1	Apinumber:	03726267
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Young & Shaw	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000216431		

AI373
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215809**

Districtnu:	1	Apinumber:	03725644
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	G. W. Albright	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215809		

AF374
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215979**

Districtnu:	1	Apinumber:	03725814
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	27
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:	CAOG11000215979		

AE375
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215848**

Districtnu:	1	Apinumber:	03725683
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	17
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:	CAOG11000215848		

AJ376
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215863**

Districtnu:	1	Apinumber:	03725698
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000215863		

Map ID
Direction
Distance

Database EDR ID Number

AI377
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000216028**

Districtnu:	1	Apinumber:	03725863
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Lehigh Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000216028		

AJ378
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215855**

Districtnu:	1	Apinumber:	03725690
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	1-1
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:	CAOG11000215855		

AH379
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216280**

Districtnu:	1	Apinumber:	03726116
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	56

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:	CAOG11000216280		

AI380
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215995**

Districtnu:	1	Apinumber:	03725830
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	46
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:	CAOG11000215995		

AH381
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216430**

Districtnu:	1	Apinumber:	03726266
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Young & Shaw	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	2A
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:	CAOG11000216430		

AF382
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215967**

Districtnu:	1	Apinumber:	03725802
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	37
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:	CAOG11000215967		

AI383
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215808**

Districtnu:	1	Apinumber:	03725643
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	G. W. Albright	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000215808		

AJ384
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215853**

Districtnu:	1	Apinumber:	03725688
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	11
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:	CAOG11000215853		

Map ID
Direction
Distance

Database EDR ID Number

AI385
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215994**

Districtnu:	1	Apinumber:	03725829
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	47
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:	CAOG11000215994		

AI386
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000216026**

Districtnu:	1	Apinumber:	03725861
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Lehigh Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8
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:	CAOG11000216026		

AG387
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215942**

Districtnu:	1	Apinumber:	03725777
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	17

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:	CAOG11000215942		

AK388
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000216025**

Districtnu:	1	Apinumber:	03725860
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Lehigh Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7
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:	CAOG11000216025		

AH389
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000213955**

Districtnu:	1	Apinumber:	03719205
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	57
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:	CAOG11000213955		

AH390
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000192599**

Districtnu:	1	Apinumber:	03716578
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A

Operatorna:	Chaim Nathan & Edie Bato	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	365.327	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42206108.ssf
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:	AOG
Site id:	CAOG11000192599		

AF391
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215961**

Districtnu:	1	Apinumber:	03725796
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	26
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:	CAOG11000215961		

AG392
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215944**

Districtnu:	1	Apinumber:	03725779
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	16
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:	CAOG11000215944		

Map ID
Direction
Distance

Database EDR ID Number

AJ393
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215870**

Districtnu:	1	Apinumber:	03725705
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6
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:	CAOG11000215870		

AK394
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215857**

Districtnu:	1	Apinumber:	03725692
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	12
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:	CAOG11000215857		

AI395
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215993**

Districtnu:	1	Apinumber:	03725828
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Terminal & Transport Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	19	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	48

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:	CAOG11000215993		

AJ396
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215847**

Districtnu:	1	Apinumber:	03725682
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	10
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:	CAOG11000215847		

AH397
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215843**

Districtnu:	1	Apinumber:	03725678
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	H. Rogalske	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	16
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:	CAOG11000215843		

AH398
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216405**

Districtnu:	1	Apinumber:	03726241
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Whittier Consolidated Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000216405		

AH399
East
1/2 - 1 Mile

OIL_GAS **CAOG11000213956**

Districtnu:	1	Apinumber:	03719206
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	58
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:	CAOG11000213956		

AH400
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215172**

Districtnu:	1	Apinumber:	03723876
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	H. Rogalske	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3A
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:	CAOG11000215172		

Map ID
Direction
Distance

Database EDR ID Number

AH401
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216406**

Districtnu:	1	Apinumber:	03726242
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Whittier Consolidated Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216406		

AJ402
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215861**

Districtnu:	1	Apinumber:	03725696
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7
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:	CAOG11000215861		

AH403
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215831**

Districtnu:	1	Apinumber:	03725666
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	H. Rogalske	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215831		

AK404
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215862**

Districtnu:	1	Apinumber:	03725697
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	18
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:	CAOG11000215862		

AJ405
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215859**

Districtnu:	1	Apinumber:	03725694
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	9
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:	CAOG11000215859		

AL406
East
1/2 - 1 Mile

OIL_GAS **CAOG11000213954**

Districtnu:	1	Apinumber:	03719204
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P

Operatorna:	Off & Campbell	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	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:	POG
Site id:	CAOG11000213954		

AH407
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216311**

Districtnu:	1	Apinumber:	03726147
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	W. K. Book	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216311		

AK408
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215864**

Districtnu:	1	Apinumber:	03725699
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	19
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:	CAOG11000215864		

Map ID
Direction
Distance

Database EDR ID Number

AH409
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215830**

Districtnu:	1	Apinumber:	03725665
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	H. Rogalske	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000215830		

AH410
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215822**

Districtnu:	1	Apinumber:	03725657
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	H. Rogalske	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6
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:	CAOG11000215822		

AH411
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216403**

Districtnu:	1	Apinumber:	03726239
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Whittier Consolidated Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3

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:	CAOG11000216403		

AH412
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216404**

Districtnu:	1	Apinumber:	03726240
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Whittier Consolidated Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000216404		

AJ413
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000214391**

Districtnu:	1	Apinumber:	03721726
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Unknown	Wellnumber:	1-1976
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:	CAOG11000214391		

AJ414
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215860**

Districtnu:	1	Apinumber:	03725695
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8
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:	CAOG11000215860		

AK415
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215869**

Districtnu:	1	Apinumber:	03725704
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	20
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:	CAOG11000215869		

AL416
East
1/2 - 1 Mile

OIL_GAS **CAOG11000215821**

Districtnu:	1	Apinumber:	03725656
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	H. Rogalske	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	7A
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:	CAOG11000215821		

Map ID
Direction
Distance

Database EDR ID Number

AL417
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216433**

Districtnu:	1	Apinumber:	03726269
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Young & Shaw	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216433		

AL418
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216407**

Districtnu:	1	Apinumber:	03726243
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Whittier Consolidated Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216407		

AL419
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215825**

Districtnu:	1	Apinumber:	03725660
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	H. Rogalske	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	8A

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:	CAOG11000215825		

AK420
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215868**

Districtnu:	1	Apinumber:	03725703
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	21
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:	CAOG11000215868		

AL421
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216429**

Districtnu:	1	Apinumber:	03726265
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Young & Shaw	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	6
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:	CAOG11000216429		

AM422
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216432**

Districtnu:	1	Apinumber:	03726268
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Young & Shaw	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000216432		

AL423
East
1/2 - 1 Mile

OIL_GAS **CAOG11000215748**

Districtnu:	1	Apinumber:	03725582
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Dr. Lamb	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	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:	POG
Site id:	CAOG11000215748		

AL424
East
1/2 - 1 Mile

OIL_GAS **CAOG11000215731**

Districtnu:	1	Apinumber:	03725565
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Conoco Inc.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	1-C
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:	CAOG11000215731		

Map ID
Direction
Distance

Database EDR ID Number

AL425
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216194**

Districtnu:	1	Apinumber:	03726029
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Parker Oil Col	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	14A
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:	CAOG11000216194		

AL426
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000192947**

Districtnu:	1	Apinumber:	03718986
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Lonestar Foundation, Inc.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	404.396	Locationde:	Not Reported
Gissourcec:	gps	Comments:	42207229.ssf
Leasename:	Tragniew	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:	CAOG11000192947		

AL427
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216320**

Districtnu:	1	Apinumber:	03726156
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	W. Saunders	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	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:	CAOG11000216320		

AM428
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216263**

Districtnu:	1	Apinumber:	03726099
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	64
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:	CAOG11000216263		

AM429
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216264**

Districtnu:	1	Apinumber:	03726100
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	63
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:	CAOG11000216264		

430
South
1/2 - 1 Mile

OIL_GAS **CAOG11000205256**

Districtnu:	1	Apinumber:	03706331
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P

Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	30	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Roseberry Corehole	Wellnumber:	1
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:	CAOG11000205256		

AN431
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000215867**

Districtnu:	1	Apinumber:	03725702
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	22
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:	CAOG11000215867		

AL432
East
1/2 - 1 Mile

OIL_GAS **CAOG11000215902**

Districtnu:	1	Apinumber:	03725737
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	J. Trafton	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000215902		

Map ID
Direction
Distance

Database EDR ID Number

AM433
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216265**

Districtnu:	1	Apinumber:	03726101
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	62
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:	CAOG11000216265		

AO434
East
1/2 - 1 Mile

OIL_GAS **CAOG11000215882**

Districtnu:	1	Apinumber:	03725717
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	I. W. Shirley	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	20
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:	CAOG11000215882		

435
ESE
1/2 - 1 Mile

OIL_GAS **CAOG11000205244**

Districtnu:	1	Apinumber:	03706318
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	29	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Bixel Corehole	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:	CAOG11000205244		

AM436
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216268**

Districtnu:	1	Apinumber:	03726104
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	59
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:	CAOG11000216268		

AN437
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215865**

Districtnu:	1	Apinumber:	03725700
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	24
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:	CAOG11000215865		

AM438
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216267**

Districtnu:	1	Apinumber:	03726103
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	61
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:	CAOG11000216267		

439
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000214015**

Districtnu:	1	Apinumber:	03720166
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Phillips Petroleum Company	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	25	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Homestead E.H.	Wellnumber:	1
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:	CAOG11000214015		

AM440
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216266**

Districtnu:	1	Apinumber:	03726102
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	60
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:	CAOG11000216266		

Map ID
Direction
Distance

Database EDR ID Number

AM441
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215880**

Districtnu:	1	Apinumber:	03725715
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	I. W. Shirley	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	21
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:	CAOG11000215880		

AO442
East
1/2 - 1 Mile

OIL_GAS **CAOG11000215903**

Districtnu:	1	Apinumber:	03725738
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	J. Trafton	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215903		

AM443
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216428**

Districtnu:	1	Apinumber:	03726264
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Jesse Yarnell	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216428		

AN444
NNW
1/2 - 1 Mile

OIL_GAS **CAOG11000215866**

Districtnu:	1	Apinumber:	03725701
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Hercules Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	24	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	23
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:	CAOG11000215866		

AO445
East
1/2 - 1 Mile

OIL_GAS **CAOG11000216283**

Districtnu:	1	Apinumber:	03726119
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	53
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:	CAOG11000216283		

AO446
East
1/2 - 1 Mile

OIL_GAS **CAOG11000215885**

Districtnu:	1	Apinumber:	03725720
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	I. W. Shirley	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	18
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:	CAOG11000215885		

AP447
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215579**

Districtnu:	1	Apinumber:	03725413
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Alliance Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000215579		

AO448
East
1/2 - 1 Mile

OIL_GAS **CAOG11000216279**

Districtnu:	1	Apinumber:	03726115
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	50
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:	CAOG11000216279		

Map ID
Direction
Distance

Database EDR ID Number

AP449
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215580**

Districtnu:	1	Apinumber:	03725414
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Alliance Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215580		

AP450
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216286**

Districtnu:	1	Apinumber:	03726122
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	52
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:	CAOG11000216286		

AO451
East
1/2 - 1 Mile

OIL_GAS **CAOG11000215879**

Districtnu:	1	Apinumber:	03725714
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	I. W. Shirley	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	19

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:	CAOG11000215879		

AP452
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216233**

Districtnu:	1	Apinumber:	03726069
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	S. McLauren	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000216233		

AO453
East
1/2 - 1 Mile

OIL_GAS **CAOG11000215937**

Districtnu:	1	Apinumber:	03725772
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Pac. Elect. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000215937		

AP454
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215602**

Districtnu:	1	Apinumber:	03725436
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Burlington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3A
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:	CAOG11000215602		

AP455
East
1/2 - 1 Mile

OIL_GAS **CAOG11000216284**

Districtnu:	1	Apinumber:	03726120
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	51
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:	CAOG11000216284		

AP456
East
1/2 - 1 Mile

OIL_GAS **CAOG11000215733**

Districtnu:	1	Apinumber:	03725567
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Consolidated Crude Corp.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000215733		

Map ID
Direction
Distance

Database EDR ID Number

AP457
East
1/2 - 1 Mile

OIL_GAS **CAOG11000215883**

Districtnu:	1	Apinumber:	03725718
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	I. W. Shirley	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	20A
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:	CAOG11000215883		

AP458
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215603**

Districtnu:	1	Apinumber:	03725437
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Burlington Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215603		

AQ459
East
1/2 - 1 Mile

OIL_GAS **CAOG11000215938**

Districtnu:	1	Apinumber:	03725773
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Pac. Elect. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000215938		

AP460
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215578**

Districtnu:	1	Apinumber:	03725412
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Alliance Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000215578		

AP461
East
1/2 - 1 Mile

OIL_GAS **CAOG11000215887**

Districtnu:	1	Apinumber:	03725722
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	I. W. Shirley	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	17
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:	CAOG11000215887		

AP462
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000216040**

Districtnu:	1	Apinumber:	03725875
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Little Napoleon Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	12
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:	CAOG11000216040		

AQ463
East
1/2 - 1 Mile

OIL_GAS **CAOG11000215939**

Districtnu:	1	Apinumber:	03725774
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Pac. Elect. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	5
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:	CAOG11000215939		

AP464
East
1/2 - 1 Mile

OIL_GAS **CAOG11000216274**

Districtnu:	1	Apinumber:	03726110
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	49
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:	CAOG11000216274		

Map ID
Direction
Distance

Database EDR ID Number

AQ465
East
1/2 - 1 Mile

OIL_GAS **CAOG11000215941**

Districtnu:	1	Apinumber:	03725776
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Pac. Elect. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215941		

AQ466
East
1/2 - 1 Mile

OIL_GAS **CAOG11000215940**

Districtnu:	1	Apinumber:	03725775
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	L.A. Pac. Elect. R. R. Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	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:	AOG
Site id:	CAOG11000215940		

AP467
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215577**

Districtnu:	1	Apinumber:	03725411
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Alliance Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3

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:	CAOG11000215577		

AP468
East
1/2 - 1 Mile

OIL_GAS **CAOG11000215190**

Districtnu:	1	Apinumber:	03723894
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	48
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:	CAOG11000215190		

AP469
East
1/2 - 1 Mile

OIL_GAS **CAOG11000216275**

Districtnu:	1	Apinumber:	03726111
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	47
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:	CAOG11000216275		

AQ470
East
1/2 - 1 Mile

OIL_GAS **CAOG11000216276**

Districtnu:	1	Apinumber:	03726112
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B

Operatorna:	Union Consolidated Crude Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	46
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:	CAOG11000216276		

AP471
ENE
1/2 - 1 Mile

OIL_GAS **CAOG11000215582**

Districtnu:	1	Apinumber:	03725416
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Alpha Oil Co.	Countyname:	Los Angeles
Fieldname:	Los Angeles City	Areaname:	Any Area
Section:	20	Township:	01S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	Wellnumber:	3
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:	CAOG11000215582		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90005	10	0

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

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 and Wildlife
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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ATTACHMENT F. HUMAN HEALTH RISK INFORMATION

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Terry A. Hayes Associates Inc. 310.839.4200 tel
3535 Hayden Avenue, Suite 350 310.839.4201 fax
Culver City, CA 90232
www.webtaha.com

Memorandum

To	Ms. Heloise Froelich Environmental Management Group Bureau of Engineering, Department of Public Works Pages 7
Subject	Bridge Housing Project (Council District 10): Human Health Risk Assessment Technical Memorandum
From	Anders Sutherland, Terry A. Hayes Associates Inc. (TAHA)
Date	November 1, 2018

Introduction

This technical memorandum describes potential construction-related human health risk impacts of the Bridge Housing Project (proposed project) to be located at 625 South La Fayette Park Place in the Wilshire Community Plan Area of the City of Los Angeles (Council District 10), Los Angeles County, California (subject property). The proposed project consists of a temporary change in property use from a City-owned park to a City-owned temporary emergency homeless shelter for no more than 3 years. The subject property is part of a City of Los Angeles Recreation and Parks Department park, known as La Fayette Park, which is addressed at 625 South La Fayette Park Place. The subject property portion of La Fayette Park is separated from the main larger park site by Wilshire Boulevard. The subject property portion of the park consists of Los Angeles County Assessor Parcel Number (APN) 5077-006-901, which comprises approximately 0.682 acre. No street address is associated with the subject property parcel. The subject property is currently developed with two tennis courts surrounded by landscaping and trees. The proposed project will require the removal of three mature trees, but will be replaced on-site per the current requirements (3 to 1 replacement ratio) of the Recreation and Parks Department. The proposed project would include a new 7,200-square-foot tent structure with 70 beds, a 480-square-foot hygiene trailer, a freestanding shade structure, a 960-square-foot administration trailer, a 1,300-square-foot exterior dining area, a 130-square-foot food preparation and serving area, 385 square-feet of bin storage, 475 linear-feet of street and onsite fencing, a 500-square-foot outdoor pet area, bike racks, a smoking area, and general open space that would serve the local homeless community. As discussed in this memorandum, the proposed project will have no significant adverse effects related to human health risk.

The project design shall comply with a construction management plan that includes project design conditions, as necessary, to protect the health and safety of the community and protect the environment surrounding the project site. The construction management plan and appropriate design conditions have been selected from the *City of Los Angeles, Bureau of Engineering, Master Specifications, Division 01, General Requirements, Section 01562, Part 1.1.C.* In addition, unless otherwise stated, the proposed project will be designed, constructed and operated following all applicable laws, regulations, ordinances and formally adopted City standards including but not limited to:

- Los Angeles Municipal Code
- Bureau of Engineering Standard Plans
- Standard Specifications for Public Works Construction
- Work Area Traffic Control Handbook
- Additions and Amendments to the Standard Specifications for Public Works Construction

Regulatory control measures (RCMs) will be applied to the proposed project as required by the following laws, rules and regulations, as follow:

State Regulations and Standards

- California Environmental Quality Act (CEQA)
- Office of Environmental Health Hazard Assessment (OEHHA)

Local Regulations and Standards

- South Coast Air Quality Management District (SCAQMD)
- South Coast Air Basin (SCAB)

Purpose

The purpose of this technical memorandum was to assess the potential for human health risk impacts in accordance with the California Environmental Quality Act. The analysis is consistent with methodology established by the South Coast Air Quality Management District (SCAQMD) and the Office of Environmental Health Hazard Assessment (OEHHA).

Emissions Quantification

Air pollutant emissions that would be generated by construction activities were quantified using the California Emissions Estimator Model (CalEEMod, version 2016.3.2). The construction activities are generally anticipated to comprise five phases: site clearing, grading, utility trenching, structure erection, and paving. CalEEMod estimates daily air pollutant emissions associated with each phase of construction activity. Sources of air pollutant emissions located on the project site during construction activities will include exhaust from heavy-duty equipment and fugitive dust generated by ground disturbance and material movement. This human health risk assessment focuses on emissions of toxic air contaminants (TACs). Fugitive dust does not contain TAC emissions, and therefore the exhaust emissions from heavy-duty equipment represent the only relevant source of TAC emissions. Heavy-duty construction equipment engines are powered by diesel fuel, which releases diesel particulate matter (diesel PM) during internal combustion. The human health risk assessment estimates exposures to diesel PM concentrations at nearby sensitive receptor locations during construction of the proposed project.

CalEEMod was used to calculate daily diesel PM emissions from equipment exhaust during each phase of construction activities. The weighted average daily diesel PM emission rate was calculated for the construction period, equaling approximately 0.144 pounds of diesel PM per eight-hour construction day. When converted to grams of diesel PM emitted per second (g/s) of construction activity, the average continuous emission rate of diesel PM is approximately 0.00227 g/s on equipment use days. This emission rate was used to estimate the average concentrations of diesel PM to which surrounding sensitive receptors would be exposed throughout the duration of construction activities. During hours in which no construction activities would be occurring (i.e., evenings, nights, and weekends), the diesel PM emission rate would be zero.

Exposure Quantification

To assess the exposure to nearby sensitive receptors, air quality modeling was completed utilizing the U.S. Environmental Protection Agency AERMOD version 18081 atmospheric dispersion model. The model simulates air pollutant emissions from various types of sources in simple and complex terrain and estimates concentrations at desired receptor locations. The model offers additional flexibility by allowing the user to assign initial vertical and lateral dispersion parameters for stationary sources. Appropriate model settings were employed according to California Air Pollution Control Officers Association (CAPCOA) and SCAQMD guidance documents to characterize vertical and horizontal dispersion parameters for each emitting source.

The SCAQMD guidance suggests that emissions from construction sites should be modeled using adjacent volume sources to represent plumes from exhaust stacks on equipment, as it is impossible to predict when and where a specific piece of equipment would be operating on a given day throughout the construction period. The SCAQMD guidance recommends using volume sources with dimensions of 5 meters per side with an initial

vertical dimension of 1.4 meters to characterize plume rise upon release and a release height of 5 meters. A total of 160 volume sources were used to simulate emissions of diesel PM during the eight-hour construction workday. The single-source emission rate attributed to each source input to the model was

$$0.00227\ {}^{g}/_{s}\Big/_{160\ sources} = 1.42\ x\ 10^{-5}\ {}^{g}/_{s} \text{ per source}$$

This emission rate was used to characterize average emissions during equipment use hours. Information provided by the Los Angeles Bureau of Engineering acknowledged that equipment would not be in use every day of construction activities. Variable emission rates were assigned to all 160 sources to limit the emissions to the eight-hour construction days on which equipment would be in use, with no emissions occurring the other 16 hours per weekday or on weekends.

The AERMOD software requires terrain elevation data and local meteorology data files to estimate pollutant concentrations. The AERMOD software requires five years of meteorological data to generate long-term average conditions for chronic pollutant exposures. Meteorological data from the SCAQMD USC/Downtown Los Angeles [KCQT] Station (years 2012–2016) located approximately 2.5 miles south of the project site were used to characterize local weather conditions and prevailing winds. Data from this meteorological station are the most representative of conditions at the site of the proposed project due to surrounding topography. The AERMOD software contains links to National Elevation Dataset (NED) GEOTIFF files at a resolution of approximately 10 meters. The NED GEOTIFF for the project area was selected and used for air dispersion modeling. The human health risk assessment focuses on carcinogenic exposures and risks, which are based on long-term exposures. The five-year period averaging time was selected to determine the average concentration of diesel PM at receptor locations during the five-month construction period.

Sensitive receptors within approximately 500 feet of the project site were identified for the human health risk assessment. Sensitive uses surrounding the project site include residential uses located across South Hoover Street to the west in the neighboring block along Sunset Place approximately 200 feet to 500 feet from the project boundary, as well as to the east and northeast in the neighboring block along South Rampart Boulevard approximately 300 to 500 feet from the project boundary. To estimate exposures to residents living on all floors of the building, flagpole receptor heights were assigned to the residential receptors at 2 meters and 10 meters to represent ground-level and top floor exposures. Additionally, one school and one public park (La Fayette Recreation Center) were identified in neighboring blocks to the project site: Rise Kohyang High School is situated approximately 500 feet northeast of the project boundary on the corner of South La Fayette Park Place and West 6th Street and the La Fayette Recreation Center situated approximately 120 feet north of the project boundary. Staff and students at the school are only on the premises for approximately eight hours per day, and an adjustment factor of 4.2 was applied to modeled concentrations at school receptors to adjust for the shorter exposures overlapping construction activities. It was conservatively assumed that receptors at La Fayette Recreation Center would spend two hours per day at the park during construction activities, and the eight-hour breathing rate used for the school exposures was divided by four to characterize the park exposures.

Risk Characterization

Carcinogenic compounds are not considered to have threshold levels (i.e., dose levels below which there are no risks). Any exposure, therefore, will have some associated risk. As a result, the State of California has established a threshold of 10 in a million as a level posing no significant risk for exposures to carcinogens regulated under the Safe Drinking Water and Toxic Enforcement Act (Proposition 65). Health risks associated with exposure to carcinogenic compounds can be defined in terms of the probability of developing cancer as a result of exposure to a chemical at a given concentration. The carcinogenic risk was calculated based on the latest version of OEHHA Guidance Manual for Preparation of Health Risk Assessments (OEHAA 2015). The cancer risk can be estimated from the following equation:

$$Dose\text{-}air = C_{air} \times \{BR/BW\} \times A \times EF \times 10^{-6}$$

Where:
Dose-air = Dose through inhalation (mg/kg/day)
C_{air} = Concentration in air (µg/m^3)

{BR/BW} = daily breathing rate normalized to body weight [640 L/kg per 8 hours for students (95th Percentile, Moderate Intensity Activity) and 100 L/kg per 8 hours for staff (95th Percentile, Light Intensity Activity)]
A = Inhalation absorption factor (unitless) [1.0]
EF = Exposure frequency (unitless), # days/365 days [180 and 250 days per year for students and staff, respectively]

and

Cancer Risk = Dose-air × CPF × ASF × ED/AT

Where:
Dose-air = Daily inhalation dose (mg/kg-day)
CPF = Inhalation cancer potency factor (mg/kg-day^{-1})
ASF = Age sensitivity factor for a specified age group (unitless) [3.0 for students and 1.0 for staff]
ED = Exposure duration (in years) for a specified age group [9 years for students and 30 years for staff]
AT = Averaging time for lifetime cancer risk (years) [70 years]

OEHHA has developed Age Sensitivity Factors (ASF) to take into account the increased sensitivity to carcinogens during early-in-life exposure. ASF values of 10.0, 3.0, and 1.0 were applied to characterize infant, child, and adult exposures at the residential receptor locations, respectively. ASF values of 3.0 and 1.0 for school staff and students were assigned, respectively. The ASFs were obtained from Table 8.3 of the OEHHA Air Toxics Hotspot Program Guidance Manual. Health risk assessments traditionally estimate the risk associated with long-term exposures of sensitive receptors, typically residents or workers, that would be consistently or regularly spending time in environments near permanent sources of TAC emissions. Residential exposures are typically evaluated over a 70-year exposure period due to the chronic, cumulative nature of carcinogenic risk, and worker exposures are typically evaluated over a 30-year period.

Construction of the proposed project would only last for approximately five months, and construction equipment would be in use for a total of no more than eight weeks throughout this time. Therefore, as a conservative approach, it was assumed that the exposure duration for residential, school, and park receptors would be no longer than three months, or one-quarter year, as the health risk assessment focuses on diesel particulate emissions from onsite sources (construction equipment). Tables 1, 2, and 3 display the parameters used to estimate the cancer risk at residential, school, and park receptors, respectively.

Table 1. Health Risk Assessment Parameters – Residential Receptors

Parameter	Description	Unit	Infant	Child	Adult
Cair	Concentration	µg/m^3	0.01886	0.01886	0.01886
EF	Exposure Frequency	350/365	0.96	0.96	0.96
ED	Exposure Duration	years	0.25	0.25	0.25
AT	Averaging Time	years	70	70	70
A	Absorption Coefficient	Unitless	1.0	1.0	1.0
{BR/BW}	Daily Breathing Rate	L/kg-day	1,090	745	335
Dose-air	Daily Dosage	mg/kg-day	1.97×10^{-5}	1.35×10^{-5}	6.06×10^{-6}
FAH	Fraction of Time at Home	unitless	85%	72%	73%
ASF	Age Sensitivity Factor	unitless	10	3	1
CPF	Cancer Potency Factor	1/(mg/kg-day)	1.1	1.1	1.1

Source: TAHA 2018

Table 2. Health Risk Assessment Parameters – School Receptors

Parameter	Description	Unit	Child	Adult
Cair	Concentration	$\mu g/m^3$	0.00532	0.00532
EF	Exposure Frequency	180/365	0.96	0.96
ED	Exposure Duration	years	0.25	0.25
AT	Averaging Time	years	70	70
A	Absorption Coefficient	Unitless	1.0	1.0
{BR/BW}	Daily Breathing Rate	L/kg-day	640	240
Dose-air	Daily Dosage	mg/kg-day	3.27×10^{-6}	1.23×10^{-6}
AF	Adjustment Factor	unitless	4.2	4.2
ASF	Age Sensitivity Factor	unitless	3	1
CPF	Cancer Potency Factor	1/(mg/kg-day)	1.1	1.1

Source: TAHA 2018

Table 3. Health Risk Assessment Parameters – Park Receptors

Parameter	Description	Unit	Child	Adult
Cair	Concentration	$\mu g/m^3$	0.03442	0.03442
EF	Exposure Frequency	180/365	0.96	0.96
ED	Exposure Duration	years	0.25	0.25
AT	Averaging Time	years	70	70
A	Absorption Coefficient	Unitless	1.0	1.0
{BR/BW}	Daily Breathing Rate	L/kg-day	160	60
Dose-air	Daily Dosage	mg/kg-day	5.28×10^{-6}	1.98×10^{-6}
AF	Adjustment Factor	unitless	4.2	4.2
ASF	Age Sensitivity Factor	unitless	3	1
CPF	Cancer Potency Factor	1/(mg/kg-day)	1.1	1.1

Source: TAHA 2018

Conclusions

Tables 4, 5, and 6 show the human health risk at nearby residences, the Rise Kohyang High School, and La Fayette Recreation Center, respectively. All cancer risks would be less than the SCAQMD significance threshold of 10 in a million even when assuming continuous exposure at the location of the maximum modeled concentration. Sensitive receptors would not be exposed to substantial concentrations of diesel PM resulting from construction of the proposed project. No mitigation is necessary to reduce diesel PM concentrations at sensitive receptor locations.

Table 4. Residential Receptors Cancer Risk in One Million Persons

Receptor	Cancer Risk
Infant	0.66
Child	0.11
Adult	0.02
SCAQMD Threshold	10
Exceed Threshold?	**No**

Note: For residences, the Maximally Exposed Individual Receptor (MEIR) would be located to the northeast of the project side across S. Rampart Blvd.
Source: TAHA 2018

Table 5. School Receptors Cancer Risk in One Million Persons

Receptor		Cancer Risk
Rise Kohyang High School	Students	0.16
	Staff	0.02
SCAQMD Threshold		10
Exceed Threshold?		**No**

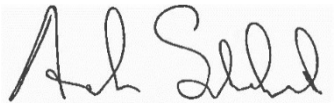
Source: TAHA 2018

Table 6. Child and Adult Park Patron Cancer Risk in One Million Persons

Receptor		Cancer Risk
La Fayette Recreation Center	Child	0.26
	Adult	0.03
SCAQMD Threshold		10
Exceed Threshold?		**No**

Source: TAHA 2018

Prepared by



Anders Sutherland
Environmental Scientist

Attachment 1 – AERMOD Files
Attachment 2 – Risk Calculations

References

California Air Pollution Control Officers Association (CAPCOA). 2009. Health Risk Assessment for Proposed Land Use Projects. Available at http://www.capcoa.org/wp-content/uploads/downloads/2010/05/CAPCOA_HRA_LU_Guidelines_8-6-09.pdf. Accessed October 2018.

Office of Environmental Health Hazard Assessment (OEHHA). 2015. Guidance Manual for Preparation of Health Risk Assessments, Risk Assessment Guideline. Available at https://oehha.ca.gov/media/downloads/crnr/2015guidancemanual.pdf. Accessed October 2018.

South Coast Air Quality (SCAQMD). 2017. SCAQMD Meteorological Data for Dispersion Model Application. Available at http://www.aqmd.gov/home/air-quality/air-quality-data-studies/meteorological-data. Accessed October 2018.

_____. 2015. Air Quality Significance Thresholds. Available at http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf?sfvrsn=2. Accessed October 2018.

Attachment 1
AERMOD Files

Results Summary

C:\~Local TAHA Files\2018-069_LABOE_BH_LF\LABOE_BH_LF\LABOE_BH_LF.is

PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	0.67291	ug/m^3	381630.93	3769702.45	82.36	2.00	82.36	12/18/2014, 16
PERIOD		0.01886	ug/m^3	381630.93	3769702.45	82.36	2.00	82.36	

Results Summary

C:\~Local TAHA Files\2018-069_LABOE_BH_LF\LABOE_BH_LF\LABOE_BH_LF.is

PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	0.30726	ug/m^3	381652.08	3769804.22	80.08	10.00	80.08	11/21/2013, 16
PERIOD		0.00532	ug/m^3	381677.83	3769788.38	80.55	10.00	80.55	

Results Summary

C:\~Local TAHA Files\2018-069_LABOE_BH_LF\LABOE_BH_LF\LABOE_BH_LF.is

PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	1.04860	ug/m^3	381550.00	3769735.00	78.97	10.00	78.97	11/22/2013, 16
PERIOD		0.03442	ug/m^3	381550.00	3769735.00	78.97	10.00	78.97	

Control Pathway

Dispersion Options

Titles

C:\~Local TAHA Files\2018-069_LABOE_BH_LF\LABOE_BH_LF\LABOE_BH_LF.is

Dispersion Options

- [x] Regulatory Default
- [ ] Non-Default Options

Dispersion Coefficient

Urban

Population:
Name (Optional):
Roughness Length:

Output Type

- [x] Concentration
- [ ] Total Deposition (Dry & Wet)
- [ ] Dry Deposition
- [ ] Wet Deposition

Plume Depletion

- [ ] Dry Removal
- [ ] Wet Removal

Output Warnings

- [ ] No Output Warnings
- [ ] Non-fatal Warnings for Non-sequential Met Data

Pollutant / Averaging Time / Terrain Options

Pollutant Type

PM10

Averaging Time Options

Hours

1	2	3	4	6	8	12	24
■	☐	☐	☐	☐	☐	☐	☐

- [ ] Month
- [x] Period
- [ ] Annual

Exponential Decay

Option not available

Half-life of 4 hrs will be used

Terrain Height Options

- [ ] Flat
- [x] Elevated

SO: Meters
RE: Meters
TG: Meters

Flagpole Receptors

- [x] Yes
- [ ] No

Default Height = 10.00 m

Control Pathway

Optional Files

Re-Start File	Init File	Multi-Year Analyses	Event Input File	Error Listing File
☐	☐	☐	☐	■

Detailed Error Listing File

Filename: LABOE_BH_LF.err

Meteorology Pathway

AERMOD

Met Input Data

Surface Met Data

Filename: ..\..\~Resources & References\SCAQMD\met data\USC-Downtown2017\KCQT_V9_ADJU\KCQT_v9.SFC
Format Type: Default AERMET format

Profile Met Data

Filename: ..\..\~Resources & References\SCAQMD\met data\USC-Downtown2017\KCQT_V9_ADJU\KCQT_v9.PFL
Format Type: Default AERMET format

Wind Speed

☐ Wind Speeds are Vector Mean (Not Scalar Means)

Wind Direction

Rotation Adjustment [deg]:

Potential Temperature Profile

Base Elevation above MSL (for Primary Met Tower): 55.00 [m]

Meteorological Station Data

Stations	Station No.	Year	X Coordinate [m]	Y Coordinate [m]	Station Name
Surface		2012			
Upper Air		2012			

Data Period

Data Period to Process

Start Date: 1/1/2012 Start Hour: 1 End Date: 12/31/2016 End Hour: 24

Wind Speed Categories

Stability Category	Wind Speed [m/s]	Stability Category	Wind Speed [m/s]
A	1.54	D	8.23
B	3.09	E	10.8
C	5.14	F	No Upper Bound

Receptor Pathway

Receptor Networks

Note: Terrain Elavations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

Discrete Receptors

Plant Boundary Receptors

Receptor Pathway

Cartesian Plant Boundary

Primary

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	381418.12	3769631.75	FENCEPRI	79.05	
2	381421.65	3769631.75	FENCEPRI	79.16	
3	381421.65	3769632.93	FENCEPRI	79.04	
4	381426.56	3769632.93	FENCEPRI	79.20	
5	381426.56	3769631.54	FENCEPRI	79.33	
6	381431.96	3769631.54	FENCEPRI	79.24	
7	381431.96	3769621.92	FENCEPRI	79.71	
8	381430.78	3769621.02	FENCEPRI	79.75	
9	381430.78	3769599.09	FENCEPRI	80.04	
10	381417.15	3769599.09	FENCEPRI	79.86	
11	381417.01	3769620.89	FENCEPRI	79.59	
12	381415.90	3769621.99	FENCEPRI	79.53	
13	381415.90	3769631.75	FENCEPRI	79.08	
14	381394.76	3769629.37	FENCEPRI	77.71	
15	381394.76	3769625.14	FENCEPRI	78.14	
16	381393.21	3769625.22	FENCEPRI	77.89	
17	381393.21	3769622.37	FENCEPRI	78.25	
18	381394.76	3769622.29	FENCEPRI	78.43	
19	381394.76	3769615.78	FENCEPRI	78.61	
20	381393.46	3769615.78	FENCEPRI	78.50	
21	381393.46	3769613.83	FENCEPRI	78.51	
22	381394.60	3769613.83	FENCEPRI	78.60	
23	381394.60	3769611.71	FENCEPRI	78.61	
24	381393.70	3769611.79	FENCEPRI	78.53	
25	381393.70	3769609.76	FENCEPRI	78.53	
26	381394.60	3769609.76	FENCEPRI	78.61	
27	381394.68	3769602.43	FENCEPRI	78.62	
28	381393.62	3769602.43	FENCEPRI	78.52	
29	381393.62	3769596.73	FENCEPRI	78.40	
30	381394.44	3769596.81	FENCEPRI	78.49	
31	381394.52	3769592.90	FENCEPRI	78.38	
32	381386.70	3769592.90	FENCEPRI	77.75	
33	381386.70	3769594.13	FENCEPRI	77.86	
34	381382.55	3769594.21	FENCEPRI	77.67	
35	381382.39	3769593.15	FENCEPRI	77.53	
36	381374.57	3769593.23	FENCEPRI	76.95	
37	381374.65	3769594.13	FENCEPRI	77.07	
38	381368.87	3769594.21	FENCEPRI	76.82	
39	381368.87	3769593.47	FENCEPRI	76.74	

40	381355.04	3769593.47	FENCEPRI	76.24	
41	381355.04	3769594.37	FENCEPRI	76.40	
42	381349.17	3769594.29	FENCEPRI	76.31	
43	381349.17	3769593.15	FENCEPRI	76.08	
44	381341.85	3769593.15	FENCEPRI	75.50	
45	381341.77	3769594.61	FENCEPRI	75.70	
46	381337.45	3769594.61	FENCEPRI	75.20	
47	381337.45	3769593.23	FENCEPRI	75.07	
48	381329.96	3769593.23	FENCEPRI	74.47	
49	381329.96	3769597.14	FENCEPRI	74.62	
50	381331.51	3769597.22	FENCEPRI	74.65	
51	381331.51	3769602.92	FENCEPRI	74.82	
52	381330.04	3769602.92	FENCEPRI	74.79	
53	381330.04	3769610.16	FENCEPRI	74.84	
54	381331.43	3769610.32	FENCEPRI	74.89	
55	381331.43	3769615.94	FENCEPRI	74.61	
56	381330.21	3769615.86	FENCEPRI	74.60	
57	381330.21	3769620.01	FENCEPRI	74.39	
58	381331.27	3769620.09	FENCEPRI	74.38	
59	381331.27	3769625.63	FENCEPRI	74.25	
60	381330.21	3769625.63	FENCEPRI	74.20	
61	381330.21	3769629.70	FENCEPRI	74.08	
62	381334.85	3769629.78	FENCEPRI	74.35	
63	381347.14	3769629.70	FENCEPRI	74.93	
64	381347.14	3769625.06	FENCEPRI	76.51	
65	381346.24	3769625.14	FENCEPRI	76.36	
66	381346.24	3769619.52	FENCEPRI	77.69	
67	381347.14	3769619.52	FENCEPRI	77.87	
68	381347.14	3769615.86	FENCEPRI	77.90	
69	381348.28	3769615.94	FENCEPRI	78.12	
70	381348.20	3769612.52	FENCEPRI	78.13	
71	381346.57	3769612.52	FENCEPRI	77.82	
72	381346.65	3769606.58	FENCEPRI	77.59	
73	381348.03	3769606.66	FENCEPRI	77.83	
74	381348.03	3769603.49	FENCEPRI	77.62	
75	381350.97	3769603.49	FENCEPRI	77.79	
76	381350.97	3769610.81	FENCEPRI	78.38	
77	381353.65	3769610.73	FENCEPRI	78.39	
78	381353.65	3769612.20	FENCEPRI	78.35	
79	381361.55	3769612.12	FENCEPRI	78.33	
80	381361.55	3769609.10	FENCEPRI	78.26	
81	381363.83	3769609.10	FENCEPRI	78.27	
82	381363.83	3769612.20	FENCEPRI	78.32	

83	381365.78	3769612.12	FENCEPRI	78.33	
84	381365.78	3769613.74	FENCEPRI	78.22	
85	381374.25	3769613.74	FENCEPRI	78.12	
86	381374.17	3769603.24	FENCEPRI	78.00	
87	381377.02	3769603.24	FENCEPRI	78.13	
88	381376.77	3769606.34	FENCEPRI	78.24	
89	381378.07	3769606.34	FENCEPRI	78.28	
90	381378.15	3769611.71	FENCEPRI	78.34	
91	381376.69	3769611.79	FENCEPRI	78.31	
92	381376.69	3769615.21	FENCEPRI	78.06	
93	381377.34	3769615.21	FENCEPRI	78.10	
94	381377.42	3769619.04	FENCEPRI	77.85	
95	381378.89	3769619.04	FENCEPRI	77.98	
96	381378.81	3769622.29	FENCEPRI	77.64	
97	381376.45	3769622.37	FENCEPRI	77.42	
98	381376.45	3769624.57	FENCEPRI	77.14	
99	381375.63	3769624.65	FENCEPRI	77.08	
100	381375.71	3769629.46	FENCEPRI	76.51	
101	381381.33	3769629.46	FENCEPRI	76.56	
102	381381.33	3769628.48	FENCEPRI	76.74	
103	381389.88	3769628.40	FENCEPRI	77.16	
104	381389.80	3769629.70	FENCEPRI	76.94	
105	381647.63	3769732.54	FENCEPRI	81.54	
106	381679.56	3769715.48	FENCEPRI	82.75	
107	381662.49	3769684.65	FENCEPRI	83.80	
108	381649.28	3769692.36	FENCEPRI	83.28	
109	381657.17	3769705.94	FENCEPRI	83.47	
110	381651.85	3769709.06	FENCEPRI	83.39	
111	381643.96	3769695.48	FENCEPRI	83.12	
112	381630.93	3769702.45	FENCEPRI	82.36	
113	381672.56	3769758.89	FENCEPRI	81.58	
114	381696.41	3769746.34	FENCEPRI	82.23	
115	381695.94	3769745.09	FENCEPRI	82.25	
116	381697.85	3769744.32	FENCEPRI	82.26	
117	381695.36	3769739.63	FENCEPRI	82.35	
118	381694.11	3769740.40	FENCEPRI	82.34	
119	381688.08	3769729.28	FENCEPRI	82.48	
120	381688.94	3769728.81	FENCEPRI	82.50	
121	381688.08	3769726.79	FENCEPRI	82.53	
122	381687.12	3769727.18	FENCEPRI	82.51	
123	381686.36	3769726.03	FENCEPRI	82.52	
124	381687.22	3769725.55	FENCEPRI	82.54	
125	381686.45	3769723.92	FENCEPRI	82.57	

126	381685.56	3769724.42	FENCEPRI	82.56	
127	381683.51	3769720.86	FENCEPRI	82.63	
128	381659.65	3769733.77	FENCEPRI	81.70	
129	381664.96	3769742.02	FENCEPRI	81.74	
130	381663.66	3769742.72	FENCEPRI	81.67	
131	381665.11	3769745.07	FENCEPRI	81.66	
132	381665.96	3769744.67	FENCEPRI	81.71	
133	381668.61	3769749.47	FENCEPRI	81.66	
134	381667.56	3769750.26	FENCEPRI	81.62	
135	381669.37	3769753.26	FENCEPRI	81.55	
136	381670.27	3769752.68	FENCEPRI	81.60	
137	381671.93	3769755.14	FENCEPRI	81.61	
138	381670.67	3769755.90	FENCEPRI	81.53	
139	381687.34	3769787.10	FENCEPRI	81.03	
140	381707.00	3769776.02	FENCEPRI	81.74	
141	381708.11	3769776.23	FENCEPRI	81.76	
142	381711.30	3769774.50	FENCEPRI	81.86	
143	381697.45	3769749.16	FENCEPRI	82.19	
144	381694.06	3769751.17	FENCEPRI	82.11	
145	381693.71	3769751.93	FENCEPRI	82.09	
146	381673.98	3769762.94	FENCEPRI	81.56	
147	381680.00	3769773.81	FENCEPRI	81.27	
148	381682.22	3769772.49	FENCEPRI	81.46	
149	381682.77	3769773.53	FENCEPRI	81.44	
150	381684.99	3769772.29	FENCEPRI	81.59	
151	381684.50	3769771.25	FENCEPRI	81.62	
152	381698.90	3769763.15	FENCEPRI	81.82	
153	381700.15	3769765.57	FENCEPRI	81.78	
154	381681.11	3769776.23	FENCEPRI	81.20	
155	381708.76	3769826.51	FENCEPRI	80.21	
156	381719.16	3769820.51	FENCEPRI	80.48	
157	381719.91	3769821.46	FENCEPRI	80.44	
158	381723.07	3769819.66	FENCEPRI	80.51	
159	381723.02	3769818.41	FENCEPRI	80.56	
160	381732.67	3769813.26	FENCEPRI	80.91	
161	381727.67	3769803.70	FENCEPRI	81.24	
162	381725.52	3769804.95	FENCEPRI	81.15	
163	381716.23	3769788.35	FENCEPRI	81.48	
164	381718.38	3769786.90	FENCEPRI	81.56	
165	381712.71	3769777.41	FENCEPRI	81.76	
166	381702.59	3769783.28	FENCEPRI	81.46	
167	381702.08	3769782.47	FENCEPRI	81.49	
168	381698.76	3769784.21	FENCEPRI	81.37	

169	381699.32	3769785.11	FENCEPRI	81.34	
170	381688.73	3769790.85	FENCEPRI	80.90	
171	381694.04	3769800.29	FENCEPRI	80.67	
172	381696.21	3769798.97	FENCEPRI	80.73	
173	381696.68	3769799.78	FENCEPRI	80.70	
174	381698.68	3769798.67	FENCEPRI	80.75	
175	381707.21	3769813.56	FENCEPRI	80.60	
176	381704.91	3769814.71	FENCEPRI	80.52	
177	381705.21	3769815.96	FENCEPRI	80.49	
178	381703.20	3769816.96	FENCEPRI	80.43	
179	381294.00	3769657.00	FENCEPRI	72.10	
180	381317.46	3769657.00	FENCEPRI	69.66	
181	381317.24	3769675.21	FENCEPRI	67.70	
182	381307.54	3769675.21	FENCEPRI	67.15	
183	381307.54	3769684.23	FENCEPRI	65.71	
184	381317.92	3769684.12	FENCEPRI	68.09	
185	381317.92	3769696.41	FENCEPRI	70.68	
186	381294.00	3769696.41	FENCEPRI	74.02	
187	381278.02	3769686.34	FENCEPRI	77.60	
188	381291.56	3769686.34	FENCEPRI	72.26	
189	381291.56	3769680.56	FENCEPRI	69.62	
190	381288.46	3769680.56	FENCEPRI	71.64	
191	381288.50	3769664.10	FENCEPRI	70.83	
192	381291.65	3769664.05	FENCEPRI	69.28	
193	381291.65	3769658.01	FENCEPRI	72.00	
194	381276.79	3769658.01	FENCEPRI	75.91	
195	381276.81	3769667.96	FENCEPRI	76.06	
196	381277.91	3769667.96	FENCEPRI	75.71	

Intermediate

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	381430.78	3769613.71	FENCEINT	79.85	
2	381430.78	3769606.40	FENCEINT	79.95	
3	381423.97	3769599.09	FENCEINT	79.94	
4	381417.10	3769606.36	FENCEINT	79.73	
5	381417.06	3769613.62	FENCEINT	79.64	
6	381361.96	3769593.47	FENCEINT	76.45	
7	381341.00	3769629.74	FENCEINT	74.48	
8	381374.21	3769608.49	FENCEINT	78.28	
9	381655.61	3769728.28	FENCEINT	81.85	
10	381663.60	3769724.01	FENCEINT	82.21	

11	381671.58	3769719.75	FENCEINT	82.43	
12	381675.29	3769707.77	FENCEINT	83.13	
13	381671.03	3769700.07	FENCEINT	83.48	
14	381666.76	3769692.36	FENCEINT	83.64	
15	381655.89	3769688.51	FENCEINT	83.60	
16	381653.23	3769699.15	FENCEINT	83.51	
17	381647.91	3769702.27	FENCEINT	83.26	
18	381637.45	3769698.97	FENCEINT	82.82	
19	381635.11	3769709.97	FENCEINT	82.26	
20	381639.28	3769717.50	FENCEINT	81.94	
21	381643.46	3769725.02	FENCEINT	81.72	
22	381680.51	3769754.71	FENCEINT	81.87	
23	381688.46	3769750.52	FENCEINT	82.04	
24	381691.10	3769734.84	FENCEINT	82.43	
25	381675.56	3769725.16	FENCEINT	82.31	
26	381667.60	3769729.47	FENCEINT	82.00	
27	381693.89	3769783.41	FENCEINT	81.33	
28	381700.45	3769779.71	FENCEINT	81.55	
29	381706.68	3769766.05	FENCEINT	81.93	
30	381702.07	3769757.61	FENCEINT	82.00	
31	381687.13	3769755.60	FENCEINT	81.93	
32	381680.56	3769759.27	FENCEINT	81.86	
33	381676.99	3769768.38	FENCEINT	81.44	
34	381691.70	3769767.20	FENCEINT	81.68	
35	381693.80	3769769.12	FENCEINT	81.64	
36	381687.46	3769772.68	FENCEINT	81.57	
37	381684.23	3769781.67	FENCEINT	81.18	
38	381713.96	3769823.51	FENCEINT	80.36	
39	381727.85	3769815.84	FENCEINT	80.67	
40	381730.17	3769808.48	FENCEINT	81.04	
41	381720.88	3769796.65	FENCEINT	81.31	
42	381715.55	3769782.16	FENCEINT	81.66	
43	381707.65	3769780.35	FENCEINT	81.64	
44	381694.03	3769787.98	FENCEINT	81.15	
45	381691.39	3769795.57	FENCEINT	80.83	
46	381702.95	3769806.12	FENCEINT	80.61	
47	381705.98	3769821.74	FENCEINT	80.36	
48	381301.82	3769657.00	FENCEINT	70.91	
49	381309.64	3769657.00	FENCEINT	69.86	
50	381317.35	3769666.11	FENCEINT	67.94	
51	381312.73	3769684.18	FENCEINT	66.08	

52	381317.92	3769690.27	FENCEINT	68.14	
53	381309.95	3769696.41	FENCEINT	69.27	
54	381301.97	3769696.41	FENCEINT	68.97	
55	381294.00	3769686.56	FENCEINT	70.15	
56	381294.00	3769676.71	FENCEINT	67.08	
57	381294.00	3769666.85	FENCEINT	67.80	
58	381284.79	3769686.34	FENCEINT	75.92	
59	381288.48	3769672.33	FENCEINT	68.58	
60	381284.22	3769658.01	FENCEINT	74.44	
61	381277.97	3769677.15	FENCEINT	76.11	

Receptor Groups

Record Number	Group ID	Group Description
1	FENCEPRI	Cartesian plant boundary Primary Receptors
2	FENCEINT	Cartesian plant boundary Intermediate Receptors

Receptor Pathway

Receptor Networks

Note: Terrain Elavations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

Discrete Receptors

Plant Boundary Receptors

Receptor Pathway

Cartesian Plant Boundary

Primary

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	381684.33	3769840.89	FENCEPRI	79.87	
2	381701.99	3769831.02	FENCEPRI	80.10	
3	381701.27	3769829.59	FENCEPRI	80.14	
4	381705.75	3769827.12	FENCEPRI	80.20	
5	381683.51	3769786.74	FENCEPRI	80.91	
6	381678.67	3769789.74	FENCEPRI	80.57	
7	381677.83	3769788.38	FENCEPRI	80.55	
8	381660.14	3769798.33	FENCEPRI	80.24	
9	381660.89	3769799.36	FENCEPRI	80.24	
10	381652.08	3769804.22	FENCEPRI	80.08	
11	381660.75	3769819.22	FENCEPRI	80.03	
12	381662.63	3769820.67	FENCEPRI	80.04	
13	381664.83	3769823.35	FENCEPRI	80.03	
14	381666.80	3769826.35	FENCEPRI	80.01	
15	381668.63	3769829.21	FENCEPRI	79.99	
16	381669.50	3769830.87	FENCEPRI	79.98	
17	381670.34	3769833.66	FENCEPRI	79.95	
18	381670.98	3769835.85	FENCEPRI	79.91	
19	381671.56	3769839.10	FENCEPRI	79.85	
20	381671.69	3769840.20	FENCEPRI	79.83	
21	381673.51	3769839.29	FENCEPRI	79.87	
22	381675.26	3769839.42	FENCEPRI	79.89	
23	381675.13	3769836.69	FENCEPRI	79.96	
24	381674.42	3769833.32	FENCEPRI	80.04	
25	381672.41	3769828.51	FENCEPRI	80.10	
26	381670.72	3769824.62	FENCEPRI	80.14	
27	381668.51	3769821.76	FENCEPRI	80.14	
28	381667.21	3769819.94	FENCEPRI	80.16	
29	381671.30	3769817.80	FENCEPRI	80.32	
30	381679.81	3769832.86	FENCEPRI	80.11	
31	381675.07	3769835.59	FENCEPRI	79.99	
32	381678.83	3769842.41	FENCEPRI	79.82	
33	381683.19	3769840.01	FENCEPRI	79.90	

Intermediate

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	381690.22	3769837.60	FENCEINT	79.94	
2	381696.10	3769834.31	FENCEINT	80.02	

3	381701.30	3769819.04	FENCEINT	80.38	
4	381696.85	3769810.97	FENCEINT	80.50	
5	381692.41	3769802.89	FENCEINT	80.62	
6	381687.96	3769794.82	FENCEINT	80.80	
7	381671.93	3769791.70	FENCEINT	80.37	
8	381666.04	3769795.01	FENCEINT	80.29	
9	381656.49	3769801.79	FENCEINT	80.18	
10	381656.42	3769811.72	FENCEINT	80.07	
11	381675.56	3769825.33	FENCEINT	80.26	

Receptor Groups

Record Number	Group ID	Group Description
1	FENCEPRI	Cartesian plant boundary Primary Receptors
2	FENCEINT	Cartesian plant boundary Intermediate Receptors

Receptor Pathway

Receptor Networks

Note: Terrain Elavations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

Discrete Receptors

Discrete Cartesian Receptors

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	381570.00	3769725.00	UCART1	79.66	
2	381550.00	3769735.00	UCART1	78.97	
3	381560.00	3769735.00	UCART1	79.23	
4	381570.00	3769735.00	UCART1	79.55	
5	381530.00	3769745.00	UCART1	78.13	
6	381540.00	3769745.00	UCART1	78.12	
7	381550.00	3769745.00	UCART1	78.25	
8	381560.00	3769745.00	UCART1	78.72	
9	381570.00	3769745.00	UCART1	79.25	
10	381510.00	3769755.00	UCART1	77.49	
11	381520.00	3769755.00	UCART1	77.32	
12	381530.00	3769755.00	UCART1	77.24	
13	381540.00	3769755.00	UCART1	77.13	
14	381550.00	3769755.00	UCART1	77.59	
15	381560.00	3769755.00	UCART1	78.23	
16	381570.00	3769755.00	UCART1	78.86	
17	381500.00	3769765.00	UCART1	76.91	
18	381510.00	3769765.00	UCART1	76.37	
19	381520.00	3769765.00	UCART1	76.10	
20	381530.00	3769765.00	UCART1	76.88	
21	381540.00	3769765.00	UCART1	77.10	
22	381550.00	3769765.00	UCART1	77.50	
23	381560.00	3769765.00	UCART1	77.96	
24	381570.00	3769765.00	UCART1	78.19	
25	381430.00	3769775.00	UCART1	74.95	
26	381440.00	3769775.00	UCART1	75.08	
27	381450.00	3769775.00	UCART1	75.30	
28	381460.00	3769775.00	UCART1	75.66	
29	381470.00	3769775.00	UCART1	76.11	
30	381480.00	3769775.00	UCART1	76.40	

31	381490.00	3769775.00	UCART1	76.35
32	381500.00	3769775.00	UCART1	75.72
33	381510.00	3769775.00	UCART1	76.06
34	381520.00	3769775.00	UCART1	76.17
35	381530.00	3769775.00	UCART1	76.31
36	381540.00	3769775.00	UCART1	76.61
37	381550.00	3769775.00	UCART1	77.29
38	381560.00	3769775.00	UCART1	77.77
39	381570.00	3769775.00	UCART1	77.72
40	381430.00	3769785.00	UCART1	73.60
41	381440.00	3769785.00	UCART1	73.71
42	381450.00	3769785.00	UCART1	73.87
43	381460.00	3769785.00	UCART1	74.11
44	381470.00	3769785.00	UCART1	74.48
45	381480.00	3769785.00	UCART1	74.74
46	381490.00	3769785.00	UCART1	74.70
47	381500.00	3769785.00	UCART1	74.94
48	381510.00	3769785.00	UCART1	75.23
49	381520.00	3769785.00	UCART1	75.42
50	381530.00	3769785.00	UCART1	76.11
51	381540.00	3769785.00	UCART1	76.38
52	381550.00	3769785.00	UCART1	76.69
53	381560.00	3769785.00	UCART1	77.39
54	381570.00	3769785.00	UCART1	77.53
55	381430.00	3769795.00	UCART1	73.62
56	381440.00	3769795.00	UCART1	73.67
57	381450.00	3769795.00	UCART1	73.76
58	381460.00	3769795.00	UCART1	73.93
59	381470.00	3769795.00	UCART1	74.18
60	381480.00	3769795.00	UCART1	74.38
61	381490.00	3769795.00	UCART1	74.53
62	381500.00	3769795.00	UCART1	74.72
63	381510.00	3769795.00	UCART1	74.96
64	381520.00	3769795.00	UCART1	75.13
65	381530.00	3769795.00	UCART1	75.73
66	381540.00	3769795.00	UCART1	76.03
67	381550.00	3769795.00	UCART1	76.42
68	381560.00	3769795.00	UCART1	77.15

69	381570.00	3769795.00	UCART1	77.36	
70	381430.00	3769805.00	UCART1	73.63	
71	381440.00	3769805.00	UCART1	73.68	
72	381450.00	3769805.00	UCART1	73.81	
73	381460.00	3769805.00	UCART1	74.06	
74	381470.00	3769805.00	UCART1	74.50	
75	381480.00	3769805.00	UCART1	74.62	
76	381490.00	3769805.00	UCART1	74.54	
77	381500.00	3769805.00	UCART1	74.78	
78	381510.00	3769805.00	UCART1	74.99	
79	381520.00	3769805.00	UCART1	75.16	
80	381530.00	3769805.00	UCART1	75.37	
81	381540.00	3769805.00	UCART1	76.02	
82	381550.00	3769805.00	UCART1	76.05	
83	381560.00	3769805.00	UCART1	76.75	
84	381570.00	3769805.00	UCART1	77.23	
85	381430.00	3769815.00	UCART1	73.73	
86	381440.00	3769815.00	UCART1	73.86	
87	381450.00	3769815.00	UCART1	74.28	
88	381460.00	3769815.00	UCART1	74.54	
89	381470.00	3769815.00	UCART1	74.59	
90	381480.00	3769815.00	UCART1	74.65	
91	381490.00	3769815.00	UCART1	74.65	
92	381500.00	3769815.00	UCART1	74.86	
93	381510.00	3769815.00	UCART1	75.07	
94	381520.00	3769815.00	UCART1	75.22	
95	381530.00	3769815.00	UCART1	75.39	
96	381540.00	3769815.00	UCART1	75.57	
97	381550.00	3769815.00	UCART1	75.90	
98	381560.00	3769815.00	UCART1	76.35	
99	381570.00	3769815.00	UCART1	76.92	

Plant Boundary Receptors

Receptor Pathway

Receptor Groups

Record Number	Group ID	Group Description
1	FENCEPRI	Cartesian plant boundary Primary Receptors
2	FENCEINT	Cartesian plant boundary Intermediate Receptors
3	UCART1	Receptors generated from Uniform Cartesian Grid

Source Pathway - Source Inputs

AERMOD

Source Pathway - Source Inputs

Volume Sources

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dim. [m]	Initial Vertical Dim. [m]
VOLUME	VOL1	381499.50	3769731.00	77.72	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL2	381499.50	3769726.00	77.72	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL3	381499.50	3769721.00	77.74	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL4	381499.50	3769716.00	77.87	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL5	381499.50	3769711.00	78.01	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL6	381499.50	3769706.00	78.17	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL7	381499.50	3769701.00	78.33	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL8	381499.50	3769696.00	78.57	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL9	381499.50	3769691.00	78.81	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL10	381499.50	3769686.00	79.00	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL11	381499.50	3769681.00	79.18	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL12	381499.50	3769676.00	79.33	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL13	381499.50	3769671.00	79.47	5.00	0.00001	5.00	Surface-Based	1.16	1.40

Source Pathway - Source Inputs

AERMOD

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dim. [m]	Initial Vertical Dim. [m]
VOLUME	VOL14	381499.50	3769666.00	79.58	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL15	381499.50	3769661.00	79.68	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL16	381499.50	3769656.00	79.77	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL17	381499.50	3769651.00	79.85	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL18	381499.50	3769646.00	79.84	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL19	381499.50	3769641.00	79.81	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL20	381499.50	3769636.00	79.83	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL21	381499.50	3769631.00	79.86	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL22	381499.50	3769626.00	79.86	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL23	381499.50	3769621.00	79.84	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL24	381499.50	3769616.00	79.82	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL25	381499.50	3769611.00	79.80	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL26	381499.50	3769606.00	79.76	5.00	0.00001	5.00	Surface-Based	1.16	1.40

Source Pathway - Source Inputs

AERMOD

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dim. [m]	Initial Vertical Dim. [m]
VOLUME	VOL27	381504.50	3769728.00	77.93	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL28	381504.50	3769723.00	77.98	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL29	381504.50	3769718.00	78.12	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL30	381504.50	3769713.00	78.30	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL31	381504.50	3769708.00	78.46	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL32	381504.50	3769703.00	78.62	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL33	381504.50	3769698.00	78.89	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL34	381504.50	3769693.00	79.22	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL35	381504.50	3769688.00	79.45	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL36	381504.50	3769683.00	79.62	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL37	381504.50	3769678.00	79.79	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL38	381504.50	3769673.00	79.95	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL39	381504.50	3769668.00	80.09	5.00	0.00001	5.00	Surface-Based	1.16	1.40

Source Pathway - Source Inputs

AERMOD

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dim. [m]	Initial Vertical Dim. [m]
VOLUME	VOL40	381504.50	3769663.00	80.20	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL41	381504.50	3769658.00	80.27	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL42	381504.50	3769653.00	80.28	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL43	381504.50	3769648.00	80.23	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL44	381504.50	3769643.00	80.07	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL45	381504.50	3769638.00	79.96	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL46	381504.50	3769633.00	79.95	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL47	381504.50	3769628.00	79.94	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL48	381504.50	3769623.00	79.89	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL49	381504.50	3769618.00	79.84	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL50	381509.50	3769725.00	78.11	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL51	381509.50	3769720.00	78.17	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL52	381509.50	3769715.00	78.38	5.00	0.00001	5.00	Surface-Based	1.16	1.40

Source Pathway - Source Inputs

AERMOD

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dim. [m]	Initial Vertical Dim. [m]
VOLUME	VOL53	381509.50	3769710.00	78.60	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL54	381509.50	3769705.00	78.85	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL55	381509.50	3769700.00	79.13	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL56	381509.50	3769695.00	79.47	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL57	381509.50	3769690.00	79.76	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL58	381509.50	3769685.00	79.88	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL59	381509.50	3769680.00	79.99	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL60	381509.50	3769675.00	80.10	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL61	381509.50	3769670.00	80.20	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL62	381509.50	3769665.00	80.31	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL63	381509.50	3769660.00	80.42	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL64	381509.50	3769655.00	80.48	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL65	381509.50	3769650.00	80.55	5.00	0.00001	5.00	Surface-Based	1.16	1.40

Source Pathway - Source Inputs

AERMOD

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dim. [m]	Initial Vertical Dim. [m]
VOLUME	VOL66	381509.50	3769645.00	80.29	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL67	381509.50	3769640.00	80.03	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL68	381509.50	3769635.00	79.97	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL69	381509.50	3769630.00	79.92	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL70	381509.50	3769625.00	79.87	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL71	381514.50	3769722.00	78.23	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL72	381514.50	3769717.00	78.42	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL73	381514.50	3769712.00	78.61	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL74	381514.50	3769707.00	78.97	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL75	381514.50	3769702.00	79.36	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL76	381514.50	3769697.00	79.66	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL77	381514.50	3769692.00	79.94	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL78	381514.50	3769687.00	80.07	5.00	0.00001	5.00	Surface-Based	1.16	1.40

Source Pathway - Source Inputs

AERMOD

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dim. [m]	Initial Vertical Dim. [m]
VOLUME	VOL79	381514.50	3769682.00	80.15	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL80	381514.50	3769677.00	80.21	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL81	381514.50	3769672.00	80.27	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL82	381514.50	3769667.00	80.35	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL83	381514.50	3769662.00	80.44	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL84	381514.50	3769657.00	80.54	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL85	381514.50	3769652.00	80.65	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL86	381514.50	3769647.00	80.54	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL87	381514.50	3769642.00	80.24	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL88	381514.50	3769637.00	80.04	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL89	381514.50	3769632.00	79.92	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL90	381519.50	3769720.00	78.45	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL91	381519.50	3769715.00	78.55	5.00	0.00001	5.00	Surface-Based	1.16	1.40

Source Pathway - Source Inputs

AERMOD

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dim. [m]	Initial Vertical Dim. [m]
VOLUME	VOL92	381519.50	3769710.00	78.77	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL93	381519.50	3769705.00	79.34	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL94	381519.50	3769700.00	79.82	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL95	381519.50	3769695.00	79.95	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL96	381519.50	3769690.00	80.07	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL97	381519.50	3769685.00	80.13	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL98	381519.50	3769680.00	80.20	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL99	381519.50	3769675.00	80.26	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL100	381519.50	3769670.00	80.32	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL101	381519.50	3769665.00	80.36	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL102	381519.50	3769660.00	80.40	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL103	381519.50	3769655.00	80.56	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL104	381519.50	3769650.00	80.72	5.00	0.00001	5.00	Surface-Based	1.16	1.40

Source Pathway - Source Inputs

AERMOD

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dim. [m]	Initial Vertical Dim. [m]
VOLUME	VOL105	381519.50	3769645.00	80.50	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL106	381519.50	3769640.00	80.27	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL107	381524.50	3769718.00	78.65	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL108	381524.50	3769713.00	78.67	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL109	381524.50	3769708.00	79.04	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL110	381524.50	3769703.00	79.58	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL111	381524.50	3769698.00	79.88	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL112	381524.50	3769693.00	80.02	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL113	381524.50	3769688.00	80.12	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL114	381524.50	3769683.00	80.18	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL115	381524.50	3769678.00	80.24	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL116	381524.50	3769673.00	80.30	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL117	381524.50	3769668.00	80.35	5.00	0.00001	5.00	Surface-Based	1.16	1.40

Source Pathway - Source Inputs

AERMOD

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dim. [m]	Initial Vertical Dim. [m]
VOLUME	VOL118	381524.50	3769663.00	80.40	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL119	381524.50	3769658.00	80.43	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL120	381524.50	3769653.00	80.45	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL121	381529.50	3769715.00	78.83	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL122	381529.50	3769710.00	78.90	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL123	381529.50	3769705.00	79.26	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL124	381529.50	3769700.00	79.60	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL125	381529.50	3769695.00	79.88	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL126	381529.50	3769690.00	80.12	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL127	381529.50	3769685.00	80.18	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL128	381529.50	3769680.00	80.24	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL129	381529.50	3769675.00	80.30	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL130	381529.50	3769670.00	80.36	5.00	0.00001	5.00	Surface-Based	1.16	1.40

Source Pathway - Source Inputs

AERMOD

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dim. [m]	Initial Vertical Dim. [m]
VOLUME	VOL131	381529.50	3769665.00	80.42	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL132	381529.50	3769660.00	80.47	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL133	381534.50	3769712.50	78.96	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL134	381534.50	3769707.50	79.12	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL135	381534.50	3769702.50	79.34	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL136	381534.50	3769697.50	79.65	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL137	381534.50	3769692.50	80.00	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL138	381534.50	3769687.50	80.16	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL139	381534.50	3769682.50	80.22	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL140	381534.50	3769677.50	80.28	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL141	381534.50	3769672.50	80.34	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL142	381534.50	3769667.50	80.30	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL143	381539.50	3769709.50	79.14	5.00	0.00001	5.00	Surface-Based	1.16	1.40

Source Pathway - Source Inputs

AERMOD

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dim. [m]	Initial Vertical Dim. [m]
VOLUME	VOL144	381539.50	3769704.50	79.26	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL145	381539.50	3769699.50	79.44	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL146	381539.50	3769694.50	79.83	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL147	381539.50	3769689.50	80.14	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL148	381539.50	3769684.50	80.19	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL149	381539.50	3769679.50	80.25	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL150	381539.50	3769674.50	80.27	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL151	381544.50	3769706.50	79.40	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL152	381544.50	3769701.50	79.44	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL153	381544.50	3769696.50	79.70	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL154	381544.50	3769691.50	80.00	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL155	381544.50	3769686.50	80.10	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL156	381544.50	3769681.50	80.14	5.00	0.00001	5.00	Surface-Based	1.16	1.40

Source Pathway - Source Inputs

AERMOD

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dim. [m]	Initial Vertical Dim. [m]
VOLUME	VOL157	381549.50	3769703.50	79.55	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL158	381549.50	3769698.50	79.63	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL159	381549.50	3769693.50	79.82	5.00	0.00001	5.00	Surface-Based	1.16	1.40
VOLUME	VOL160	381554.50	3769698.50	79.67	5.00	0.00001	5.00	Surface-Based	1.16	1.40

Source Pathway

Building Downwash Information

Option not in use

Emission Rate Units for Output

For Concentration

Unit Factor:	1E6
Emission Unit Label:	GRAMS/SEC
Concentration Unit Label:	MICROGRAMS/M**3

Variable Emissions

Source Pathway

Hour / Day-of-Week Emission Rate Variation

Scenario: Construction

Source ID: VOL1

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: VOL2

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source Pathway

Scenario: Construction

Source ID: **VOL3**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL4**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL5**

Source Pathway

Scenario: Construction

Source ID: **VOL5**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL6**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL7**

Source Pathway

Scenario: Construction

Source ID: **VOL7**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL8**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL9**

Source Pathway

AERMOD

Scenario: Construction

Source ID: **VOL9**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL10**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL11**

Source Pathway

Scenario: Construction

Source ID: **VOL11**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL12**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL13**

Source Pathway

Scenario: Construction

Source ID: **VOL13**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL14**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL15**

Source Pathway

Scenario: Construction

Source ID: **VOL15**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL16**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL17**

Source Pathway

Scenario: Construction

Source ID: **VOL17**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL18**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL19**

Source Pathway

Scenario: Construction

Source ID: **VOL19**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL20**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL21**

Source Pathway

Scenario: Construction

Source ID: **VOL21**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL22**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL23**

Source Pathway

Scenario: Construction

Source ID: **VOL23**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL24**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL25**

Scenario: Construction

Source ID: **VOL25**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL26**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL27**

Source Pathway

Scenario: Construction

Source ID: **VOL27**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL28**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL29**

Scenario: Construction

Source ID: **VOL29**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL30**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL31**

Scenario: Construction

Source ID: **VOL31**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL32**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL33**

Source Pathway

Scenario: Construction

Source ID: **VOL33**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL34**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL35**

Source Pathway

Scenario: Construction

Source ID: **VOL35**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL36**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL37**

Source Pathway

Scenario: Construction

Source ID: **VOL37**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL38**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL39**

Scenario: Construction

Source ID: **VOL39**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL40**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL41**

Source Pathway

Scenario: Construction

Source ID: **VOL41**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL42**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL43**

Scenario: Construction

Source ID: **VOL43**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL44**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL45**

Scenario: Construction

Source ID: **VOL45**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL46**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL47**

Source Pathway

Scenario: Construction

Source ID: **VOL47**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL48**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL49**

Source Pathway

Scenario: Construction

Source ID: **VOL49**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL50**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL51**

Source Pathway

Scenario: Construction

Source ID: **VOL51**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL52**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL53**

Source Pathway

Scenario: Construction

Source ID: **VOL53**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL54**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL55**

Source Pathway

Scenario: Construction

Source ID: **VOL55**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL56**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL57**

Source Pathway

Scenario: Construction

Source ID: **VOL57**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL58**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL59**

Scenario: Construction

Source ID: **VOL59**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL60**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL61**

Scenario: Construction

Source ID: **VOL61**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL62**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL63**

Source Pathway

Scenario: Construction

Source ID: **VOL63**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL64**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL65**

Source Pathway

Scenario: Construction

Source ID: **VOL65**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL66**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL67**

Source Pathway

Scenario: Construction

Source ID: **VOL67**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL68**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL69**

Source Pathway

Scenario: Construction

Source ID: **VOL69**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL70**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL71**

Source Pathway

Scenario: Construction

Source ID: **VOL71**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL72**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL73**

Scenario: Construction

Source ID: **VOL73**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL74**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL75**

Scenario: Construction

Source ID: **VOL75**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL76**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL77**

Source Pathway

Scenario: Construction

Source ID: **VOL77**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL78**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL79**

Scenario: Construction

Source ID: **VOL79**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL80**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL81**

Source Pathway

Scenario: Construction

Source ID: **VOL81**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL82**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL83**

Scenario: Construction

Source ID: **VOL83**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL84**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL85**

Source Pathway

Scenario: Construction

Source ID: **VOL85**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL86**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL87**

Source Pathway

Scenario: Construction

Source ID: **VOL87**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL88**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL89**

Source Pathway

Scenario: Construction

Source ID: **VOL89**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL90**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL91**

Source Pathway

Scenario: Construction

Source ID: **VOL91**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL92**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL93**

Source Pathway

Scenario: Construction

Source ID: **VOL93**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL94**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL95**

Source Pathway

Scenario: Construction

Source ID: **VOL95**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL96**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL97**

Source Pathway

Scenario: Construction

Source ID: **VOL97**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL98**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL99**

Source Pathway

Scenario: Construction

Source ID: **VOL99**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL100**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL101**

Source Pathway

Scenario: Construction

Source ID: **VOL101**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL102**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL103**

Scenario: Construction

Source ID: **VOL103**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL104**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL105**

Scenario: Construction

Source ID: **VOL105**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL106**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL107**

Scenario: Construction

Source ID: **VOL107**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL108**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL109**

Scenario: Construction

Source ID: **VOL109**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL110**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL111**

Scenario: Construction

Source ID: **VOL111**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL112**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL113**

Source Pathway

Scenario: Construction

Source ID: **VOL113**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL114**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL115**

Source Pathway

Scenario: Construction

Source ID: **VOL115**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL116**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL117**

Source Pathway

Scenario: Construction

Source ID: **VOL117**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL118**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL119**

Scenario: Construction

Source ID: **VOL119**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL120**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL121**

Scenario: Construction

Source ID: **VOL121**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL122**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL123**

Source Pathway

Scenario: Construction

Source ID: **VOL123**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL124**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL125**

Scenario: Construction

Source ID: **VOL125**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL126**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL127**

Scenario: Construction

Source ID: **VOL127**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL128**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL129**

Source Pathway

Scenario: Construction

Source ID: **VOL129**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL130**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL131**

Source Pathway

Scenario: Construction

Source ID: **VOL131**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL132**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL133**

Scenario: Construction

Source ID: **VOL133**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL134**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL135**

Source Pathway

Scenario: Construction

Source ID: **VOL135**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL136**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL137**

Scenario: Construction

Source ID: **VOL137**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL138**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL139**

Source Pathway

Scenario: Construction

Source ID: **VOL139**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL140**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL141**

Source Pathway

Scenario: Construction

Source ID: **VOL141**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL142**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL143**

Source Pathway

Scenario: Construction

Source ID: **VOL143**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL144**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL145**

Source Pathway

Scenario: Construction

Source ID: **VOL145**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL146**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL147**

Scenario: Construction

Source ID: **VOL147**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL148**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL149**

Scenario: Construction

Source ID: **VOL149**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL150**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL151**

Source Pathway

Scenario: Construction

Source ID: **VOL151**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL152**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL153**

Source Pathway

Scenario: Construction

Source ID: **VOL153**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL154**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL155**

Source Pathway

Scenario: Construction

Source ID: **VOL155**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL156**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL157**

Source Pathway

Scenario: Construction

Source ID: **VOL157**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL158**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL159**

Source Pathway

Scenario: Construction

Source ID: **VOL159**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source ID: **VOL160**

Hour	Mon	Tues	Wed	Thr	Fri	Sat	Sun
1:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
10:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
11:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
12:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
13:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
14:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
15:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
16:00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

625 S. La Fayette Park Place - Bridge Housing - Los Angeles-South Coast County, Winter

Project Characteristics -

Land Use - Project Specific Information:

Tent Structure: 7,200 sq. ft.
Hygiene Station 1: 480 sq. ft.
Hygiene Station 2: 480 sq. ft.
Admin: 960 sq. ft.
Covered Dining Area: 998 sq. ft.

Total Building sq. ft.: 10,118

Construction Phase - Project Specific Phase Lengths

Off-road Equipment - Maximum Daily Activity.

Off-road Equipment - Maximum Daily Activity.

Off-road Equipment - Maximum Daily Activity.

Off-road Equipment - Maximum Daily Activity.

Off-road Equipment - Maximum Daily Acitivity.

Trips and VMT - Project Information Assumption.

Demolition - 20,500 SQ. FT. Demolished Area.

Grading - 32 CY export maximum/Day

Vehicle Trips - Trip Generation.

Consumer Products -

Area Coating -

Construction Off-road Equipment Mitigation - SCAQMD Rule 403

Area Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	100.00	1.00
tblConstructionPhase	NumDays	10.00	1.00
tblConstructionPhase	NumDays	2.00	1.00

625 S. La Fayette Park Place - Bridge Housing

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	0.68	Acre	0.69	29,620.80	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2019
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

tblConstructionPhase	NumDays	5.00	1.00
tblGrading	MaterialExported	0.00	480.00
tblLandUse	LotAcreage	0.68	0.69
tblOffRoadEquipment	HorsePower	130.00	80.00
tblOffRoadEquipment	HorsePower	97.00	30.00
tblOffRoadEquipment	HorsePower	84.00	6.00
tblOffRoadEquipment	HorsePower	84.00	6.00
tblOffRoadEquipment	HorsePower	132.00	80.00
tblOffRoadEquipment	HorsePower	80.00	20.00
tblOffRoadEquipment	HorsePower	65.00	70.00
tblOffRoadEquipment	HorsePower	97.00	30.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblTripsAndVMT	HaulingTripNumber	45.00	20.00
tblTripsAndVMT	HaulingTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	5.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	5.00	20.00
tblTripsAndVMT	WorkerTripNumber	10.00	20.00
tblTripsAndVMT	WorkerTripNumber	5.00	20.00

tblTripsAndVMT	WorkerTripNumber	12.00	20.00
tblTripsAndVMT	WorkerTripNumber	5.00	20.00
tblVehicleTrips	ST_TR	22.75	131.00
tblVehicleTrips	SU_TR	16.74	131.00
tblVehicleTrips	WD_TR	1.89	131.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	0.6743	8.4970	5.8199	0.0212	10.3482	0.2436	10.4607	1.6404	0.2245	1.7458	0.0000	2,249.7375	2,249.7375	0.2308	0.0000	2,254.2644
2019	0.8007	8.2119	5.0624	0.0111	0.2620	0.3717	0.6337	0.0704	0.3421	0.4125	0.0000	1,113.7234	1,113.7234	0.2479	0.0000	1,119.9208
Maximum	**0.8007**	**8.4970**	**5.8199**	**0.0212**	**10.3482**	**0.3717**	**10.4607**	**1.6404**	**0.3421**	**1.7458**	**0.0000**	**2,249.7375**	**2,249.7375**	**0.2479**	**0.0000**	**2,254.2644**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	0.6743	8.4970	5.8199	0.0212	4.4089	0.2436	4.5215	0.7411	0.2245	0.8466	0.0000	2,249.7375	2,249.7375	0.2308	0.0000	2,254.2644
2019	0.8007	8.2119	5.0624	0.0111	0.2620	0.3717	0.6337	0.0704	0.3421	0.4125	0.0000	1,113.7234	1,113.7234	0.2479	0.0000	1,119.9208
Maximum	**0.8007**	**8.4970**	**5.8199**	**0.0212**	**4.4089**	**0.3717**	**4.5215**	**0.7411**	**0.3421**	**0.8466**	**0.0000**	**2,249.7375**	**2,249.7375**	**0.2479**	**0.0000**	**2,254.2644**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**55.98**	**0.00**	**53.53**	**52.57**	**0.00**	**41.67**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/17/2018	12/17/2018	5	1	
2	Grading	Grading	12/20/2018	12/20/2018	5	1	
3	Trenching	Trenching	1/9/2019	1/9/2019	5	1	
4	Building Construction	Building Construction	1/30/2019	1/30/2019	5	1	
5	Paving	Paving	4/1/2019	4/1/2019	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Generator Sets	1	4.00	6	0.74
Demolition	Tractors/Loaders/Backhoes	1	8.00	30	0.37
Grading	Rollers	2	8.00	20	0.38
Grading	Skid Steer Loaders	2	8.00	70	0.37
Trenching	Generator Sets	1	4.00	6	0.74
Trenching	Tractors/Loaders/Backhoes	1	8.00	30	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	1	8.00	89	0.20
Paving	Pavers	1	8.00	80	0.42
Paving	Paving Equipment	1	8.00	80	0.36

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	2	20.00	6.00	20.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	20.00	6.00	4.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching	2	20.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	2	20.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	2	20.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.7365	0.0000	9.7365	1.4742	0.0000	1.4742			0.0000			0.0000
Off-Road	0.2208	1.1179	1.1798	1.3500e-003		0.0803	0.0803		0.0746	0.0746		127.2061	127.2061	0.0351		128.0826
Total	**0.2208**	**1.1179**	**1.1798**	**1.3500e-003**	**9.7365**	**0.0803**	**9.8168**	**1.4742**	**0.0746**	**1.5488**		**127.2061**	**127.2061**	**0.0351**		**128.0826**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2035	6.5498	1.4302	0.0159	0.3497	0.0251	0.3747	0.0959	0.0240	0.1198		1,721.9263	1,721.9263	0.1253		1,725.0579
Vendor	0.0288	0.7370	0.2210	1.5400e-003	0.0384	5.2600e-003	0.0437	0.0111	5.0400e-003	0.0161		164.4899	164.4899	0.0119		164.7866
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.3546**	**7.3791**	**2.6458**	**0.0199**	**0.6116**	**0.0323**	**0.6440**	**0.1662**	**0.0309**	**0.1970**		**2,122.5314**	**2,122.5314**	**0.1460**		**2,126.1818**

3.2 Demolition - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.7973	0.0000	3.7973	0.5749	0.0000	0.5749			0.0000			0.0000
Off-Road	0.2208	1.1179	1.1798	1.3500e-003		0.0803	0.0803		0.0746	0.0746	0.0000	127.2061	127.2061	0.0351		128.0826
Total	**0.2208**	**1.1179**	**1.1798**	**1.3500e-003**	**3.7973**	**0.0803**	**3.8775**	**0.5749**	**0.0746**	**0.6495**	**0.0000**	**127.2061**	**127.2061**	**0.0351**		**128.0826**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2035	6.5498	1.4302	0.0159	0.3497	0.0251	0.3747	0.0959	0.0240	0.1198		1,721.9263	1,721.9263	0.1253		1,725.0579
Vendor	0.0288	0.7370	0.2210	1.5400e-003	0.0384	5.2600e-003	0.0437	0.0111	5.0400e-003	0.0161		164.4899	164.4899	0.0119		164.7866
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.3546**	**7.3791**	**2.6458**	**0.0199**	**0.6116**	**0.0323**	**0.6440**	**0.1662**	**0.0309**	**0.1970**		**2,122.5314**	**2,122.5314**	**0.1460**		**2,126.1818**

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0543	0.0000	0.0543	8.2200e-003	0.0000	8.2200e-003			0.0000			0.0000
Off-Road	0.4825	3.9108	4.3183	5.9000e-003		0.2314	0.2314		0.2129	0.2129		594.1979	594.1979	0.1850		598.8225
Total	**0.4825**	**3.9108**	**4.3183**	**5.9000e-003**	**0.0543**	**0.2314**	**0.2857**	**8.2200e-003**	**0.2129**	**0.2211**		**594.1979**	**594.1979**	**0.1850**		**598.8225**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0407	1.3100	0.2861	3.1900e-003	0.0699	5.0100e-003	0.0749	0.0192	4.7900e-003	0.0240		344.3853	344.3853	0.0251		345.0116
Vendor	0.0288	0.7370	0.2210	1.5400e-003	0.0384	5.2600e-003	0.0437	0.0111	5.0400e-003	0.0161		164.4899	164.4899	0.0119		164.7866
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1918**	**2.1393**	**1.5016**	**7.1000e-003**	**0.3319**	**0.0123**	**0.3442**	**0.0895**	**0.0117**	**0.1012**		**744.9904**	**744.9904**	**0.0458**		**746.1355**

3.3 Grading - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0212	0.0000	0.0212	3.2100e-003	0.0000	3.2100e-003			0.0000			0.0000
Off-Road	0.4825	3.9108	4.3183	5.9000e-003		0.2314	0.2314		0.2129	0.2129	0.0000	594.1979	594.1979	0.1850		598.8225
Total	**0.4825**	**3.9108**	**4.3183**	**5.9000e-003**	**0.0212**	**0.2314**	**0.2525**	**3.2100e-003**	**0.2129**	**0.2161**	**0.0000**	**594.1979**	**594.1979**	**0.1850**		**598.8225**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0407	1.3100	0.2861	3.1900e-003	0.0699	5.0100e-003	0.0749	0.0192	4.7900e-003	0.0240		344.3853	344.3853	0.0251		345.0116
Vendor	0.0288	0.7370	0.2210	1.5400e-003	0.0384	5.2600e-003	0.0437	0.0111	5.0400e-003	0.0161		164.4899	164.4899	0.0119		164.7866
Worker	0.1223	0.0923	0.9945	2.3700e-003	0.2236	1.9900e-003	0.2256	0.0593	1.8400e-003	0.0611		236.1152	236.1152	8.8900e-003		236.3373
Total	**0.1918**	**2.1393**	**1.5016**	**7.1000e-003**	**0.3319**	**0.0123**	**0.3442**	**0.0895**	**0.0117**	**0.1012**		**744.9904**	**744.9904**	**0.0458**		**746.1355**

3.4 Trenching - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2061	1.0831	1.1581	1.3500e-003		0.0734	0.0734		0.0682	0.0682		125.5563	125.5563	0.0350		126.4311
Total	**0.2061**	**1.0831**	**1.1581**	**1.3500e-003**		**0.0734**	**0.0734**		**0.0682**	**0.0682**		**125.5563**	**125.5563**	**0.0350**		**126.4311**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0260	0.6953	0.2031	1.5300e-003	0.0384	4.5000e-003	0.0429	0.0111	4.3000e-003	0.0154		162.7663	162.7663	0.0114		163.0521
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226
Total	**0.1368**	**0.7766**	**1.0880**	**3.8200e-003**	**0.2620**	**6.4300e-003**	**0.2684**	**0.0704**	**6.0800e-003**	**0.0764**		**391.1924**	**391.1924**	**0.0193**		**391.6747**

3.4 Trenching - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2061	1.0831	1.1581	1.3500e-003		0.0734	0.0734		0.0682	0.0682	0.0000	125.5563	125.5563	0.0350		126.4311
Total	**0.2061**	**1.0831**	**1.1581**	**1.3500e-003**		**0.0734**	**0.0734**		**0.0682**	**0.0682**	**0.0000**	**125.5563**	**125.5563**	**0.0350**		**126.4311**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0260	0.6953	0.2031	1.5300e-003	0.0384	4.5000e-003	0.0429	0.0111	4.3000e-003	0.0154		162.7663	162.7663	0.0114		163.0521
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226
Total	**0.1368**	**0.7766**	**1.0880**	**3.8200e-003**	**0.2620**	**6.4300e-003**	**0.2684**	**0.0704**	**6.0800e-003**	**0.0764**		**391.1924**	**391.1924**	**0.0193**		**391.6747**

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6640	7.4353	3.4872	7.2900e-003		0.3653	0.3653		0.3361	0.3361		722.5310	722.5310	0.2286		728.2460
Total	**0.6640**	**7.4353**	**3.4872**	**7.2900e-003**		**0.3653**	**0.3653**		**0.3361**	**0.3361**		**722.5310**	**722.5310**	**0.2286**		**728.2460**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0260	0.6953	0.2031	1.5300e-003	0.0384	4.5000e-003	0.0429	0.0111	4.3000e-003	0.0154		162.7663	162.7663	0.0114		163.0521
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226
Total	**0.1368**	**0.7766**	**1.0880**	**3.8200e-003**	**0.2620**	**6.4300e-003**	**0.2684**	**0.0704**	**6.0800e-003**	**0.0764**		**391.1924**	**391.1924**	**0.0193**		**391.6747**

3.5 Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6640	7.4353	3.4872	7.2900e-003		0.3653	0.3653		0.3361	0.3361	0.0000	722.5310	722.5310	0.2286		728.2460
Total	**0.6640**	**7.4353**	**3.4872**	**7.2900e-003**		**0.3653**	**0.3653**		**0.3361**	**0.3361**	**0.0000**	**722.5310**	**722.5310**	**0.2286**		**728.2460**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0260	0.6953	0.2031	1.5300e-003	0.0384	4.5000e-003	0.0429	0.0111	4.3000e-003	0.0154		162.7663	162.7663	0.0114		163.0521
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226
Total	**0.1368**	**0.7766**	**1.0880**	**3.8200e-003**	**0.2620**	**6.4300e-003**	**0.2684**	**0.0704**	**6.0800e-003**	**0.0764**		**391.1924**	**391.1924**	**0.0193**		**391.6747**

3.6 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5097	4.8206	3.9743	5.3600e-003		0.3474	0.3474		0.3196	0.3196		530.6399	530.6399	0.1679		534.8371
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5097**	**4.8206**	**3.9743**	**5.3600e-003**		**0.3474**	**0.3474**		**0.3196**	**0.3196**		**530.6399**	**530.6399**	**0.1679**		**534.8371**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0260	0.6953	0.2031	1.5300e-003	0.0384	4.5000e-003	0.0429	0.0111	4.3000e-003	0.0154		162.7663	162.7663	0.0114		163.0521
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226
Total	**0.1368**	**0.7766**	**1.0880**	**3.8200e-003**	**0.2620**	**6.4300e-003**	**0.2684**	**0.0704**	**6.0800e-003**	**0.0764**		**391.1924**	**391.1924**	**0.0193**		**391.6747**

3.6 Paving - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5097	4.8206	3.9743	5.3600e-003		0.3474	0.3474		0.3196	0.3196	0.0000	530.6399	530.6399	0.1679		534.8371
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5097**	**4.8206**	**3.9743**	**5.3600e-003**		**0.3474**	**0.3474**		**0.3196**	**0.3196**	**0.0000**	**530.6399**	**530.6399**	**0.1679**		**534.8371**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0260	0.6953	0.2031	1.5300e-003	0.0384	4.5000e-003	0.0429	0.0111	4.3000e-003	0.0154		162.7663	162.7663	0.0114		163.0521
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226
Total	**0.1368**	**0.7766**	**1.0880**	**3.8200e-003**	**0.2620**	**6.4300e-003**	**0.2684**	**0.0704**	**6.0800e-003**	**0.0764**		**391.1924**	**391.1924**	**0.0193**		**391.6747**

4.0 Operational Detail - Mobile

Emission Rate Calculations - Volume Sources for Construction Equipment

Phase	Phase Length	Source	Duration (Equipment Days)	Daily DPM (lb/day)	
Demo	3	E	3	0.0803	
Grading	14	E	7	0.2314	
Trenching	15	E	15	0.0734	
BC	90	E	1	0.3653	
Paving	7	E	7	0.3474	
			Total Equipment Use Days	Average Emissions	
			40	0.14397	lb/8-hr construction day
				0.002267488	g/s
				160	vol sources
				1.41718E-05	g/s per v source

Table 1. Construction Equipment Assumptions

	HP	Qt	Demolition	Trenching	Grading	Paving	Sprung Structure Installation
Air Compressor							
Backhoes	30	1	8hrs per day 2 days	8hrs per day 10 days			
Bore/Drill Rigs							
Concrete/Industrial Saws							
Compactor							
Cranes							8hrs per day 1 day
Crawler Tractors							
Crushing/Proc. Equipment							
Dozer							
Excavator							
Forklifts, Rough Terrain							
Generator	5	1	4 hrs per day 3 days	4 hrs per day 5 days			
Grader							
Loaders, Rubber Tired							
Off-Highway Trucks							
Other Construction Equip.*							
Pavers							
Paving Equipment	80	2				8hrs per day 7 days	
Pile Driver							
Rollers	20	2			8hrs per day 7 days		
Scraper							
Signal Boards							
Skid Steer Loaders	70	2			8hrs per day 7 days		
Surfacing Equipment							
Tractors							
Trenchers							

Note: Unless hours of operation are included, the analysis will conservatively assume that the equipment operates for all hours as indicated by the response to (3) above.

* Other Construction Equipment types/details _____

Attachment 2
Risk Calculations

Human Health Risk Calculation

Resident	Concentration (ug/m3)	Daily Breath Rate BR/BW	Conversion Factor CF	A	Exposure Frequency EF (350 days/365 days)	[Pollutant] * (BR/BW) * CF * A * EF Dose (mg/kg/d)	Age Sensitivity Factor ASF	Fraction of Time at Home FAH	Cancer Potency Factor CPF (kg-day/mg)	Exposure Duration ED (years)	Averaging Time AT (Years)	Dose * ASF * FAH * CPF * ED/AT * 1,000,000 Risk (per million)
Infant	0.01886	1090	0.000001	1	0.96	1.97E-05	10	0.85	1.1	0.25	70	**0.66**
Child	0.01886	745	0.000001	1	0.96	1.35E-05	3	0.72	1.1	0.25	70	**0.11**
Adult	0.01886	335	0.000001	1	0.96	6.06E-06	1	0.73	1.1	0.25	70	**0.02**

School	Concentration (ug/m3)	8-Hour Breath Rate BR/BW	Conversion Factor CF	A	Exposure Frequency EF (180 days/365 days)	[Pollutant] * (BR/BW) * CF * A * EF Dose (mg/kg/d)	Age Sensitivity Factor ASF	Adjust Factor AF	Cancer Potency Factor CPF (kg-day/mg)	Exposure Duration ED (years)	Averaging Time AT (Years)	Dose * ASF * FAH * CPF * ED/AT * 1,000,000 Risk (per million)
Student	0.00532	640	0.000001	1	0.96	3.27E-06	3	4.2	1.1	0.25	70	**0.16**
Staff	0.00532	240	0.000001	1	0.96	1.23E-06	1	4.2	1.1	0.25	70	**0.02**

Park	Concentration (ug/m3)	2-Hour Breath Rate BR/BW	Conversion Factor CF	A	Exposure Frequency EF (350 days/365 days)	[Pollutant] * (BR/BW) * CF * A * EF Dose (mg/kg/d)	Age Sensitivity Factor ASF	Adjust Factor AF	Cancer Potency Factor CPF (kg-day/mg)	Exposure Duration ED (years)	Averaging Time AT (Years)	Dose * ASF * FAH * CPF * ED/AT * 1,000,000 Risk (per million)
Child	0.03442	160	0.000001	1	0.96	5.28E-06	3	4.2	1.1	0.25	70	**0.26**
Adult	0.03442	60	0.000001	1	0.96	1.98E-06	1	4.2	1.1	0.25	70	**0.03**

ATTACHMENT F. NOISE INFORMATION

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AECOM
300 S Grand Avenue,
Los Angeles, CA 90071
www.aecom.com

213.593.8100 tel
213.593.8053 fax

Memorandum

To	Ms. Heloise Froelich Environmental Management Group Bureau of Engineering, Department of Public Works Pages 14
Subject	Bridge Housing Project (Council District 10): Noise Technical Memorandum
From	Mark Storm, AECOM
Date	November 1, 2018

Introduction

This technical memorandum describes the potential noise impacts associated with the Bridge Housing Project (proposed project) to be located at 625 South La Fayette Park Place in the Wilshire Community Plan Area of the City of Los Angeles (Council District 10), Los Angeles County, California (subject property/project site). The proposed project consists of a temporary change in property use from a City-owned park to a City-owned temporary emergency homeless shelter for no more than 3 years. The subject property is part of a City of Los Angeles Recreation and Parks Department park, known as La Fayette Park, which is addressed at 625 South La Fayette Park Place. The subject property portion of La Fayette Park is separated from the main larger park site by Wilshire Boulevard. The subject property portion of the park consists of Los Angeles County Assessor Parcel Number (APN) 5077-006-901, which comprises approximately 0.682 acre. No street address is associated with the subject property parcel. The subject property is currently developed with two tennis courts surrounded by landscaping and trees. The proposed project will require the removal of three mature trees, but will be replaced on-site per the current requirements (3 to 1 replacement ratio) of the Recreation and Parks Department. The proposed project would include a new 7,200-square-foot tent structure with 70 beds, a 480-square-foot hygiene trailer, a freestanding shade structure, a 960-square-foot administration trailer, a 1,300-square-foot exterior dining area, a 130-square-foot food preparation and serving area, 385 square-feet of bin storage, 475 linear-feet of street and onsite fencing, a 500-square-foot outdoor pet area, bike racks, a smoking area, and general open space that would serve the local homeless community.

The project design shall comply with a construction management plan that includes project design conditions, as necessary, to protect the health and safety of the community and protect the environment surrounding the project site. The construction management plan and appropriate design conditions have been selected from the *City of Los Angeles, Bureau of Engineering, Master Specifications, Division 01, General Requirements, Section 01562, Part 1.1.C.* In addition, unless otherwise stated, the proposed project will be designed, constructed, and operated following all applicable laws, regulations, ordinances, and formally adopted City standards including, but not limited to:

- Los Angeles Municipal Code
- Bureau of Engineering Standard Plans
- Standard Specifications for Public Works Construction
- Work Area Traffic Control Handbook
- Additions and Amendments to the Standard Specifications for Public Works Construction

Purpose

The purpose of this predictive noise impact assessment is to determine whether temporary noise and vibration emission due to proposed project construction activities, or noise due to operation of proposed project stationary sound sources, would have adverse effects on noise-sensitive land uses (NSLU) in the surrounding community.

Technical Fundamentals

Noise

Noise, generally defined as unwanted sound, is measured and expressed in decibels (dB) to conveniently discuss quantities across the wide range of human hearing capacity. To better approximate the range of sensitivity of the human ear to sounds of different frequencies, standard "A-weighting" dB adjustments can be applied to measured sound levels that deemphasize low frequencies and very high frequencies. When such A-weighting is used, the dB levels are noted with a "dBA" descriptor. While a 10 dBA increase in sound level represents a tenfold increase of sound energy, average healthy human hearing perceives such an order of magnitude increase as a doubling of loudness. Noise levels from point-type sources (e.g., a stationary air-conditioning [AC] unit) attenuate hemispherically at a rate of about 6 dB per doubling of distance, while line-type sources (roadway noise) attenuates cylindrically at a rate of about 3 dB per doubling of distance. For purposes of illustration, a stationary AC unit might produce 60 dBA at a distance of 15 feet; therefore, its sound level at a distance of 60 feet would be 48 dBA (i.e., each doubling of distance from this point-type source lowers the sound level by 6 dBA).

The following glossary of acoustical terms and definitions will assist to frame the discussion of proposed project-generated noises and their potential effect on the neighboring community.

- Sound – For purposes of this analysis, sound is a physical phenomenon generated by vibrations that result in waves that travel through a medium, such as air, and result in auditory perception by the human brain. The frequency of these vibrations, often referred to as pitch, is expressed in units of cycles per second or hertz (Hz). Lower-pitch sound is often characterized as a "rumble", while "hiss" tends to describe a higher pitch as perceived by healthy human hearing.

- Amplitude or Level – Is measured in decibels (dB) using a logarithmic scale. A sound level of zero dB is approximately the threshold of human hearing and is barely audible under extremely quiet listening conditions. Normal speech has a sound level of approximately 60 dB. Sound levels above approximately 110 dB begin to be felt inside the human ear as discomfort and eventually pain at 120 dB and higher levels. The minimum change in the sound level of individual events that an average human ear can detect is about 1 to 2 dB. A 3 to 5 dB change is readily perceived. A change in sound level of about 10 dB is usually perceived by the average person as a doubling (or if decreasing by 10 dB, halving) of the sound's loudness.

- Sound pressure – Sound level is usually expressed by reference to a known standard. This report refers to sound pressure level (SPL), which is expressed on a logarithmic scale with respect to a reference value of 20 micropascals (µPa). SPL depends not only on the power of the source, but also on the distance from the source and on the acoustical characteristics of the space surrounding the source.

- Equivalent sound level – Environmental noise levels vary continuously and include a mixture of noise from near and distant sources. A single descriptor, L_{eq}, may be used to describe such sound that is changing in level from one moment to another. L_{eq} is the energy-average sound level during a measured time interval. It is the "equivalent" constant sound level that would have to be produced by a single, steady source to equal the acoustic energy contained in the fluctuating sound level measured.

- Statistical sound level – A sound level exceeded for a cumulative "n" percentage of a measurement or studied time period, such as L_{10}, L_{50} or L_{90}. The L_{50} value is often referred to as the "median" sound level, while L_{90} is commonly called the "background" level as it typically represents acoustical contribution from continuous or "steady-state" sound sources and the perceived indistinct din of background noise due to the amalgamation of many contributing distant sound sources in the environment.

- Community Noise Equivalent Level (CNEL) – CNEL is an average sound level during a 24-hour period, but reflects heightened human sensitivity to evening and nighttime hours as follows: 5 dBA added to hourly sound levels in the evening from 7:00 p.m. to 10:00 p.m., and 10 dBA added to hourly sound levels at night from 10:00 p.m. to 7:00 a.m. Because CNEL accounts for human sensitivity to sound in this manner, the CNEL 24-hour value is always higher than an energy-averaged 24-hour L_{eq} for the same time period.

- Day-night sound level (L_{dn}) – This value is similar to CNEL, except that only a 10 dBA penalty is added to hourly L_{eq} values from 10:00 p.m. to 7:00 a.m.; i.e., it omits the 5 dBA penalty for 7:00 p.m. to 10:00 p.m. that exists for the CNEL value calculation.

Vibration

Vibration is an oscillatory motion through a solid medium in which amplitude can be described in terms of displacement, velocity, or acceleration. The average vibration amplitude (the root mean square [RMS] velocity) is the most appropriate descriptor for gauging human response to typical ground vibration. As with airborne sound, the RMS vibration velocity level is often expressed in dB notation as vibration dB (VdB), which serves to compress the range of numbers required to describe vibration. This VdB scale is based on a reference value of 1 micro-inch per second. According to Federal Transit Administration (FTA) guidance, the background vibration velocity level typical of residential areas is approximately 50 VdB (FTA 2006). Groundborne vibration is normally perceptible to humans at approximately 65 VdB. For most people, a vibration-velocity level of 75 VdB is the approximate dividing line between barely perceptible and distinctly perceptible levels (FTA 2006).

Site Setting

The subject property is located in the Wilshire Community Plan Area of the City of Los Angeles (Council District 10), California, that correspondingly has an existing outdoor sound environment characterized by a combination of sources including near and distant roadway traffic; aircraft overflights; children playing outdoors; tree leaves rustling during gusts of wind; operating heating, ventilation, and air conditioning (HVAC) systems; speech; and an amalgam of other audible but indistinct sources. Land uses that surround the proposed project include commercial and multi-family residential properties and transient lodging facilities, the latter two of which would be considered NSLU and hence the focus of this environmental effect assessment.

Existing Outdoor Sound Environment

At the request of the City of Los Angeles, a field survey of baseline outdoor ambient SPL was performed in the proposed project vicinity over a consecutive 2-day period of October 25 and 26, 2018. The survey included "short-term" (ST) SPL measurements of approximately 20–30 minutes each during sample daytime (between 7 a.m. and 10 p.m.) and nighttime (between 10 p.m. and 7 a.m.) periods that were attended by the AECOM field investigator. With the AECOM investigator present, witnessed and/or perceived sound sources of the outdoor ambient environment can be observed, documented, and correlated with the collected SPL data. Attachment 1 provides a table of photographs that document the locations of the sample ST positions. These field survey locations appear superimposed on an aerial image of the proposed project vicinity in Figure 1. Table 1 presents a summary of the collected ST measurement data, listed by survey location.



Source: Google Earth (2018)

Figure 1. Field survey short-term (ST, green callout) sound pressure level (SPL) measurement locations (project site within blue dashes).

Table 1. Summary of Surveyed Short-term (ST) Sound Pressure Level (SPL) Data

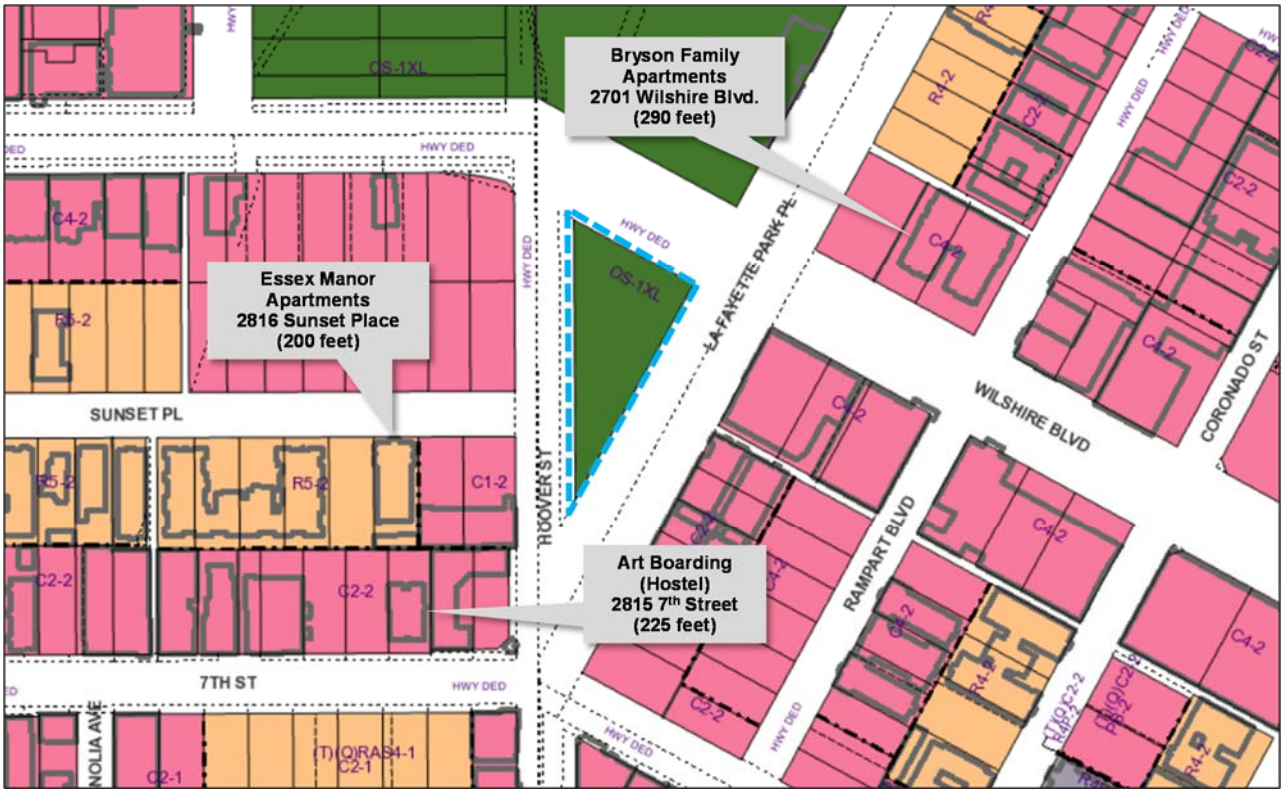
Survey Location Tag	Address or Location Description (distance to nearest roadway curb)	Measurement Date (mm:dd:yy) and Duration: Start and End (hh:mm)	L_{eq} (dBA)	Survey Notes (e.g., Observed Sound Sources)
ST-A	2816 Sunset Place	10/25/18 07:47 – 08:17	58	Roadway traffic, pedestrian traffic (and conversation), localized vehicle noise
ST-A	2816 Sunset Place	10/26/18 05:12 – 05:32	53	Roadway traffic, localized vehicle noise
ST-B	2815 7th Street	10/25/18 08:24 – 08:55	65	Roadway traffic, localized vehicle noise (idling vehicle nearby)
ST-B	2815 7th Street	10/26/18 05:35 – 05:55	53	Roadway traffic, localized vehicle noise, distant aviation noise
ST-C	656 S. La Fayette Park Place	10/25/18 09:28 – 10:00	64	Roadway traffic, localized vehicle noises (loading trash trucks, horn sounding)
ST-C	656 S. La Fayette Park Place	10/26/18 06:00 – 06:20	60	Roadway traffic, localized vehicle noise, pedestrian traffic (and conversation), distant aviation noise

Source: AECOM 2018

Nearest Sensitive Receptors

The nearest apparent residential NSLU is the multi-family, multi-floor residential building ("Essex Manor Apartments," at 2816 Sunset Place) having an eastern façade that is approximately 200 feet from the western boundary of the proposed project. A hostel ("Art Boarding," at 2815 7th Street) is about 225 feet from the southern apex of the proposed project site, but is visually (and thus likely acoustically) occluded from the project

location by intervening commercial structures along Hoover Street between Sunset Place and 7th Street. Lastly, a registered historic 10-story structure ("Bryson Family Apartments," at 2701 Wilshire Boulevard) is approximately 290 feet from the eastern apex of the proposed Project boundary. These three apparent closest NSLU are located on a variety of zoning types (R5-2, C4-2, and C2-2) per the City of Los Angeles zoning information (City of Los Angeles 2018) and as shown in Figure 2.



Source: City of Los Angeles (2018)

Figure 2. Nearest identified noise-sensitive land uses (NSLU, light gray callouts) and their approximate nearest distances to the project site boundary (light blue dashes).

Applicable Regulations and Standards

Noise

Building Codes

As described in the Introduction section above, it is understood that the proposed project will comply with all applicable building codes and regulations.

City of Los Angeles Noise Ordinances

The City of Los Angeles Municipal Code (LAMC), Chapter IV, Article 1, Section 41.40; and Chapter XI, Article 2, Section 112.03 (that references Section 41.40) addresses noise generated at construction sites, including permissible hours of construction. In addition, operational noise from both stationary and mobile sources is evaluated for impacts using the City of Los Angeles California Environmental Quality Act (CEQA) Thresholds guide (City of Los Angeles 2006). A project would normally be considered to have a significant construction noise effect on the surrounding community if any one of the following were satisfied:

- Construction activities lasting more than one day would cause existing ambient exterior noise levels to increase by 10 dBA or more; or

- Construction activities lasting more than 10 days in a three-month period would cause existing ambient exterior noise levels to increase by 5 dBA or more at a noise-sensitive land use; or

- Any construction activity that would exceed existing ambient exterior noise levels by 5 dBA or more at a noise-sensitive land use between the hours of 9:00 p.m. and 7:00 a.m. Monday through Friday, before 8:00 a.m. or after 6:00 p.m. on Saturday, or at any time on Sunday.

Construction of the proposed project would take place within daytime hours (7:00 a.m. to 4:00 p.m.) and thus be both within the permissible time period per LAMC 41.40 and not coincide with the above third bulleted condition for significance per the City's CEQA Thresholds guidance. Because the aggregate of sequential construction activities for the proposed project is expected to last *more* than 10 days in a three-month period, as a five-month construction period is anticipated, the second of the first two bulleted conditions above with respect to construction activity duration would be satisfied; hence, a significant impact would occur if project construction noise levels exceed existing ambient exterior noise levels by 5 dBA or more at the nearest existing noise-sensitive community receptors.

Additionally, per LAMC 112.05, no single piece of powered equipment can produce noise greater than 75 dBA at a distance of 50 feet when such work occurs between the hours of 7:00 a.m. to 10:00 p.m. on any residential zone or within 500 feet of such a zone. However, the proposed project and immediately surrounding property are not in a residential zone.

With respect to operating stationary sound sources like HVAC systems, LAMC Section 112.02 requires that any HVAC equipment not cause an increase in ambient noise levels on any other occupied property to exceed the ambient noise level by more than 5 dBA.

Based on the presumed ambient noise levels appearing in Table II of LAMC Section 111.03, compliance with LAMC Section 112.02 suggests that the combined operational noise levels from all onsite project noise sources should not exceed a 1-hour L_{eq} of 53 dBA at NSLU during the daytime hours (7:00 a.m. to 10:00 p.m.) and 43 dBA at residences at night (10:00 p.m. to 7:00 a.m). If the actual outdoor ambient noise level is greater than the presumed ambient levels per LAMC Section 111.03 Table II, based on measured sound levels or supportable estimates, then these prescribed limits for daytime and nighttime would correspondingly rise by the same dB quantity.

City of Los Angeles Noise General Plan Noise Element

The Noise Element of the City's General Plan (GP) includes policy P13, which states: "Continue to plan, design and construct or oversee construction of public projects, and projects on City owned properties, so as to minimize potential noise impacts on noise sensitive uses and to maintain or reduce existing ambient noise levels."

Vibration

There are no adopted City standards for groundborne vibration. In the absence of such local regulations, the FTA provides guidance on appropriate vibration limits with respect to sensitive receptors. According to the FTA, vibration impacts associated with human annoyance would be significant if vibration caused by construction activity assessed at a receptor exceeded 85 VdB, a vibration velocity (L_v) level that is considered acceptable only for an infrequent number of events per day (FTA 2006).

Noise and Vibration Assessment

Methodologies

Construction Noise

Construction noise from the proposed project has been predicted with a technique based on the FTA "general assessment" method that focuses on the two loudest anticipated equipment and/or vehicles onsite per phase. Consistent with data provided in Table 1 of the Federal Highway Administration (FHWA) Roadway Construction Noise Model (RCNM) User's Guide (FHWA 2006), the predictive analysis for this study also applies the

"acoustical usage factor" (AUF) in order to calculate an equivalent sound level (L_{eq}) for a typical hour during which the construction equipment is expected to generate noise. Other included analysis factors are as follows:

- On average, equipment noise emanates from a single point at the geographic center of the project site, representing the mobility of construction activities and equipment locations across the entire project area as work proceeds;
- Point-source sound propagation, and the source emission point is 6 feet above grade;
- Acoustical ground absorption offers up to 4.8 dBA of additional source-to-receiver sound path attenuation, depending on path length, per International Organization of Standardization (ISO) 9613-2 (ISO 1996);
- First-floor receivers are 5 feet above grade, second-floor receivers are 14 feet above grade, and third-floor receivers are 23 feet above grade;
- Pre-existing structures, walls, or other barriers, where applicable, that linearly occlude the source-to-receiver sound path yield an additional minimum 5 dBA of noise reduction (comparable to "shielding" per FTA guidance);
- Predicted noise reduction performance of temporary noise barriers is quantified at 500 Hz, consistent with industry guidance (Edison Electric Institute 1984); and
- Due to the relatively short source-to-receptor distances studied, the effect of acoustical air absorption is conservatively not included.

Operations Noise

Operations noise from the proposed project is expected to be primarily due to the addition of new stationary HVAC equipment, expected to be located on the eastern side of the proposed project area. In such a heavily trafficked urban area of Los Angeles, the expected change to the outdoor sound environment based on altered roadway traffic flows attributed to operation of the proposed project is likely to be negligible.

Similar to the prediction of construction noise as described in the preceding paragraphs, this analysis considers the aggregate of HVAC noise emanating from a single point-source at approximately pedestrian height (about 5 feet). The effects of air and ground acoustical absorption are conservatively excluded from the point-source sound propagation algorithm.

Construction Vibration

Anticipated ground vibration due to operation of construction equipment and vehicles on the proposed project site has been predicted with a technique based on the FTA "general assessment" method and available data for construction activities.

Predicted Results

Construction Noise

Using the FTA-based method of studying the two loudest pieces of onsite construction equipment, Table 2 presents predicted reference construction noise levels at a distance of 50 feet per construction phase.

Table 2. Estimated Construction Noise Reference Levels

Construction Phase	Expected Equipment/Vehicle[1]	L_{max} at 50 feet (dBA)[2]	FHWA RCNM Acoustical Usage Factor (AUF)[2]	Anticipated Equipment Usage Hours per Day[1]	Estimated Equivalent Sound Level at 50 feet (L_{eq}, dBA)
Demolition	Backhoe	78	40%	8	74
	Generator	81	50%	4	78
				Loudest hour:	79
				9-hour Workshift:	77
Grading	Roller	80	20%	8	73
	Skidsteer	80	40%	8	76
				Loudest hour:	78
				9-hour Workshift:	77
Trenching	Backhoe	78	40%	8	74
	Generator	81	50%	4	78
				Loudest hour:	79
				9-hour Workshift:	77
Building Construction	Crane[3]	81	16%	9	73
	Flatbed truck[3]	74	40%	9	70
				Loudest hour:	75
				9-hour Workshift:	75
Finishes	Flatbed truck[3]	74	40%	9	70
	Flatbed truck[3]	74	40%	9	70
				Loudest hour:	73
				9-hour Workshift:	73
Re-paving	Paver	77	50%	8	74
	Flatbed truck[3]	74	40%	9	70
				Loudest hour:	75
				9-hour Workshift:	75

Notes:

[1] From client-provided project information received by AECOM.

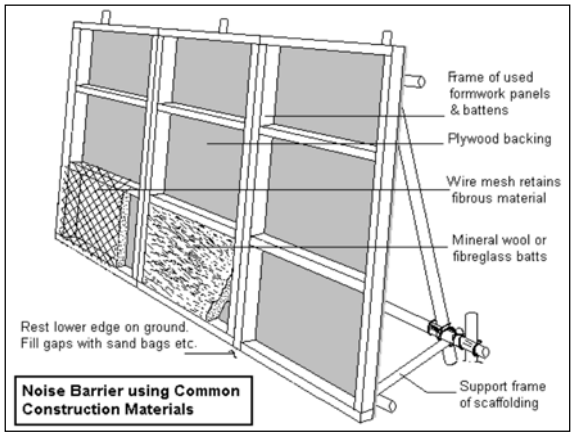
[2] From Table 1 of Federal Highway Administration (FHWA) Roadway Construction Noise Model (RCNM) User's Guide (FHWA 2006).

[3] Not on client-provided project information, assumed onsite by AECOM.

Using the provided project description, which includes the use of noise control measures as needed to protect the health, safety, or convenience of affected sensitive receptors, such as temporary onsite sound barriers to control equipment noise levels, two representative examples of sound barriers appear in Figure 3.



Vinyl-covered insulation blankets suspended from field-erected framing system
Source: AECOM



Plywood-based field-erected noise barrier
Source: Eaton 2000.

Figure 3. Samples of Temporary Construction Sound Barriers

Per the project design and if implemented, sound barriers would need to be installed properly (i.e., no air gaps) and block line-of-sight between the noise-producing construction activity and these NSLU, so that resultant construction noise levels at the NSLU would be compliant with appropriate aforementioned City CEQA Thresholds and LAMC regulations (i.e., LAMC 112.05, for any residential zone or within 500 feet thereof). These standard conditions of approval would be part of the proposed project construction, including those listed as follows:

- Locate stationary construction equipment (e.g., generators or air compressors) as far as possible from the nearest NSLU;
- To the extent practical, locate and orient construction equipment and/or material storage trailers so that they occlude direct sound paths between onsite noise construction activities and nearby NSLU positions;
- Install temporary sound walls or comparable barriers along the property boundary to occlude direct sound paths between construction activities and the nearby NSLU in the surrounding community;
- Ensure that fuel-burning-powered equipment and vehicles have installed and properly functioning factory-approved air intake filtration, engine housings, sound-attenuated heat radiators, and combustion exhaust mufflers so that emitted noise levels (e.g., L_{max} at 50 feet) are consistent with LAMC 112.05 expectations;
- Prohibit construction activity (including deliveries, equipment maintenance, or operation of any construction equipment) at the proposed project site before 7:00 a.m. or after 9:00 p.m. Monday through Friday, before 8:00 a.m. or after 6:00 p.m. on any Saturday or national holiday, or at any time on Sunday;
- Use low-noise construction equipment;
- Ensure that all mobile and stationary noise-producing construction equipment used on the proposed project site that is regulated for noise output by a local, state, or federal agency complies with such regulation while in the course of project activity;
- Schedule high noise-producing activities during periods of time that are least sensitive;
- Switch off construction equipment when not in use;
- Restrict usage of noise-producing signals (including horns, whistles, alarms, and bells) to safety warning purposes; and
- Reduce construction vehicle speeds.

These other design measures are also included in the project description to help further control construction vibration, as needed:

- Operate heavy construction equipment at least 6 feet from nearby commercial buildings, wherever possible. Where a 6-foot buffer cannot be maintained, other methods will be used, such as smaller pieces of equipment or hand tools; and

- As considered appropriate by the proposed project's structural engineer, monitor vibration levels during construction with measurements, observations, or other tests to check for presence of vibration-related damage to concerned neighboring structures.

Using the 9-hour workshift estimated L_{eq} values from Table 2 and project design measures required by City standard conditions, predicted construction noise levels at the indicated floor elevations of the three nearest representative NSLU are presented in Table 3. As shown in Table 3, none of the predicted values in Table 3 exceed the indicated baseline daytime outdoor ambient sound level by more than 5 dBA. Please note that noise barriers will not be required.

Table 3. Estimated Construction Noise Levels at Noise-Sensitive Land Uses by Construction Phase – with Standard Conditions of Approval

Noise-Sensitive Land Use	Baseline Daytime Outdoor Ambient* (L_{eq}, dBA)	Estimated 9-hour Workshift L_{eq} (dBA) per Construction Phase					
		Demolition (3 days)	Grading (14 days)	Trenching (15 days)	Building Erection (4 months)	Finishes (TBD)	Re-paving (7 days)
Essex Manor Apts. 2816 Sunset Place (first floor)	58	57.5	57.8	57.5	55.3	53.6	55.6
Essex Manor Apts. 2816 Sunset Place (second floor)	58	57.4	57.6	57.4	55.2	53.4	55.5
2815 7th Street (first floor)	64	44.1	44.4	44.1	41.9	40.1	42.2
2815 7th Street (second floor)	64	44.0	44.3	44.0	41.8	40.0	42.1
Bryson Family Apts. 2701 Wilshire Blvd. (first floor)	65	55.0	55.3	55.0	52.8	51.0	53.1
Bryson Family Apts. 2701 Wilshire Blvd. (third floor)	65	54.8	55.0	54.8	52.6	50.8	52.9
Bryson Family Apts. 2701 Wilshire Blvd. (fifth floor)	65	54.6	54.8	54.6	52.3	50.6	52.6
Bryson Family Apts. 2701 Wilshire Blvd. (seventh floor)	65	54.3	54.6	54.3	52.1	50.3	52.4
Bryson Family Apts. 2701 Wilshire Blvd. (ninth floor)	65	54.1	54.4	54.1	51.9	50.1	52.2

Notes: dBA = A-weighted decibel; TBD = to be determined.

* Based on presented daytime measurement data from Table 1.

Operations Noise

According to the City's site feasibility plans, a screenshot of which appears in Figure 4, two apparent packaged air handling units (AHUs) are proposed to be located near the eastern perimeter of the proposed project site. These AHUs are anticipated to serve the project, including the 7,200-square-foot tent-like structure within which

up to 70 persons may sleep. Using American Society of Heating, Refrigerating, and Air-conditioning Engineers (ASHRAE) guidance for estimating minimum needed ventilation for the sleeping area, this analysis assumes the following for each of the two AHUs:

- 360 cubic feet per minute (CFM) of outside air* intake as a ten percent (10%) fraction of total unit CFM capacity, with a 4-inch water gauge plenum fan (62 dBA L_{eq} SPL at 1 meter); and

- Up to a 3-ton (refrigeration) packaged air-cooled compressor units (with composite condenser fan[s]) exhibits 75 dBA L_{eq} SPL at 1 meter, similar to a Trane "Precedent" model (Trane Corporation 2004).

  *based on 3,600 occupied square feet for "dormitory sleeping rooms,", per ASHRAE Standard 62.1-2012 Ventilation for Acceptable Indoor Air Quality (Loren Cook Corporation 2015).

Conservatively, this analysis assumes the following:

- Any potential building "shielding" noise reduction (i.e., the presence of intervening structures along the direct sound path between sources and the NSLU of interest) will likely be negated by acoustical reflection from other nearby building façades.

- The AHU features typical interior cabinet lining to help attenuate the fan noise generation within by 10 dBA.

- Project design includes erection of a partial enclosure or four-sided solid barrier for each packaged AHU, so that the direct sound path is visually and acoustically occluded between the AHU and any surrounding NSLU. Separate from the above-stated AHU noise control design feature, this sound path occlusion rendered by the partial enclosure or barrier must be designed and implemented so as to realize a minimum 10 dBA noise reduction.

Additionally, the City has required implementation of the following standard conditions of approval in the project design:

- Select mechanical equipment designed to produce low noise levels; and

- All noise control methods will be included in the final architectural and engineering designs and specifications for proposed project construction.



Source: City of Los Angeles (2018)

Figure 4. Proposed location of project packaged air handling units (AHUs, within purple dashes)

Given these analysis assumptions and estimated operating HVAC equipment levels, the predicted noise at the three representative nearest NSLU and nearest receiving occupied property (ROP) are presented in Table 4 and would be compliant with LAMC 112.02.

Table 4. Estimated HVAC Operation Noise Levels at Noise-sensitive Land Uses

Noise-Sensitive Land Use (NSLU) or Receiving Occupied Property (ROP)	Baseline Nighttime Outdoor Ambient (L_{eq}, dBA)*	Distance to HVAC Equipment (feet)	Estimated HVAC Noise Level at NSLU or ROP	Compliant with LAMC 112.02 (increase in outdoor ambient < 5 dBA)?
662 S. La Fayette Park Place (ROP)	60	100	38	yes
Essex Manor Apts. 2816 Sunset Place (NSLU, first floor)	53	300	29	yes
2815 7th Street (NSLU, first floor)	53	325	28	yes
Bryson Family Apts. 2701 Wilshire Blvd. (NSLU, first floor)	60	300	29	yes

Notes:

L_{eq} = energy-equivalent sound level; dBA = A-weighted decibel; LAMC = Los Angeles Municipal Code

* Based on presented daytime measurement data from Table 1. The nighttime sound level is used for this assessment since it is conservatively less than the daytime sound level, and HVAC operation would be expected during both daytime and nighttime hours.

While other stationary sources of noise are associated with the proposed project, they are addressed as follows and not expected to cause adverse effects to the surrounding environment:

- Commercial-type laundry machines (washers and dryers) would be installed within modular buildings or trailers; hence, inherent sound insulation from the modular building or trailer shell would be expected to reduce noise emission to acceptable levels. Noise from dryer vent discharge ports would be sufficiently distant from the aforementioned NSLU so as to result in non-impactful acoustical contributions to the outdoor sound environment.

- Onsite showers, toilets, and other facilities (and their sources of noise) would be similarly housed within the onsite modular buildings or trailers.

- The proposed project electrical transformer is at least 300 feet from any NSLU, which should be sufficient distance for its sound emission to not be impactful (assuming a transformer SPL of no more than 68 dBA, which should be consistent with National Electric Manufacturers Association [NEMA] TR-1 ratings for the expected equipment serving the proposed project).

Construction Vibration

Among the construction equipment and vehicles shown in Table 2, during grading activities the roller would be expected to produce the largest magnitude of vibration. FTA guidance indicates that such equipment produces a reference vibration velocity level of 94 VdB at a distance of 25 feet. Assuming this operating vibratory roller is no closer than 200 feet to the apparent residential NSLU represented by 2816 Sunset Place, the estimated vibration velocity level would be less than 48 VdB and thus well below the aforementioned 85 VdB threshold for annoyance. Nearby existing commercial buildings along South La Fayette Park Place and Hoover Street opposite the proposed Project site are sufficiently distant—due to street width—to avoid risk of building façade damage associated with ground-borne vibration due to onsite construction equipment operation.

Conclusions

Construction Noise

Since estimated construction noise levels at the studied nearest NSLU are not expected to exceed LAMC limits (112.03 and 112.05 with respect to residential zones) and applicable City CEQA significance thresholds, further construction noise reduction measures are not needed.

Because other development projects are known in the vicinity of proposed project, a possibility exists for concurrent construction activity to occur, which could give rise to potential construction noise effects to these three NSLU. Attachment 2 contains a cumulative discussion that addresses cumulative construction noise at the NSLU for a variety of potential concurrent construction project scenarios.

Operations Noise

As analyzed, the proposed project stationary sources are not expected to produce noise levels that would cause significant increases to the outdoor ambient sound environment at the three studied nearest representative NSLU and nearest ROP; thus, no further noise reduction measures are needed.

Construction Vibration

Per the project design and as analyzed, vibration velocity levels from the most vibratory of onsite operating equipment associated with construction of the proposed project are not expected to result in significant annoyance at the nearest studied residential NSLU; therefore, no further vibration reduction measures would be necessary to comply with FTA-based guidance.

In summary, construction and post-construction operation of the proposed project should be compliant with applicable City of Los Angeles requirements, relevant building code provisions, and FTA guidance with respect to environmental noise and vibration effects on the surrounding community.

Prepared by



Mark Storm, INCE Bd. Cert.
Principal Noise Control Engineer
Acoustics & Noise Control Practice

Attachment 1 – Photographs of Sample Sound Pressure Level (SPL) Survey Locations
Attachment 2 – Cumulative Noise Discussion for Concurrent Construction Projects

References

Agencies Contacted

City of Los Angeles, 2018, online ZIMAS tool, http://zimas.lacity.org/.

Documents Reviewed

City of Los Angeles, 2006, L.A. CEQA Thresholds Guide - Your Resource for Preparing CEQA Analyses in Los Angeles, www.environmentla.org/programs/Thresholds/Complete%20Threshold%20Guide%202006.pdf.

Eaton, Stuart, 2000, Construction Noise, Workers' Compensation Board of BC, Engineering Section Report, ARCS Reference No: 0135-20, February, https://constructioninformer.com/wp-content/uploads/2008/07/constructionnoise.pdf.

Edison Electric Institute (EEI), 1984, Electric Power Plant Environmental Noise Guide, 2nd edition, Volume I, prepared by Bolt Beranek and Newman, Inc. (Report No. 3637).

International Organization of Standardization (ISO), 1996, Acoustics -- Attenuation of sound during propagation outdoors -- Part 2: General method of calculation, www.iso.org/standard/20649.html.

Loren Cook Corporation, 2015, Engineering Cookbook – A Handbook for the Mechanical Designer, www.lorencook.com/PDFs/Catalogs/Cookbook_Catalog.pdf.

State of California, Department of General Services, California Building Standards Commission, 2017, The 2016 California Building Standards Code (Cal. Code Regs., Title 24), Part 2, Volume 1, 1207.4, www.bsc.ca.gov/Codes.aspx.

Trane Corporation, 2004, Packaged Gas/Electric Rooftop Units – Precedent 3-10 Tons – 60 Hz, RT-PRC006-EN, October, www.trane.com/download/equipmentpdfs/rtprc006en_r6.pdf.

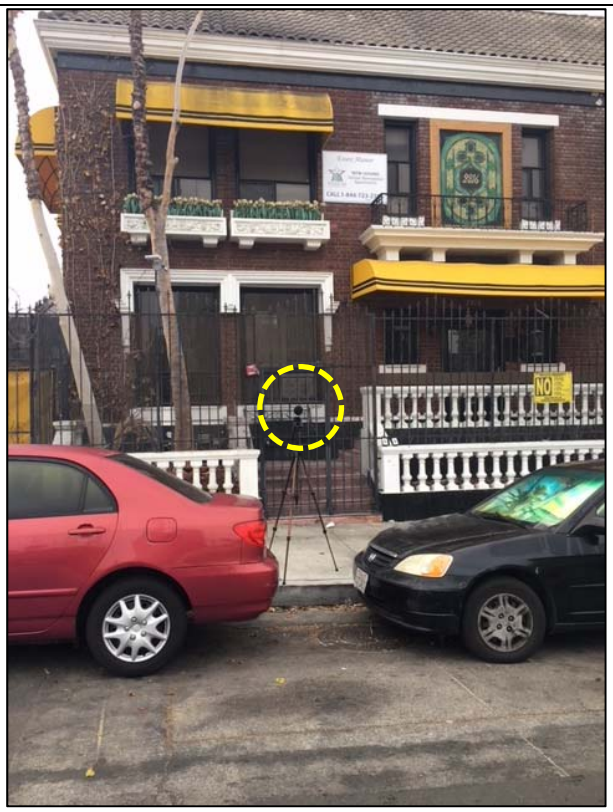
U.S. Department of Transportation, Federal Highway Administration (FHWA), 2006, FHWA Roadway Construction Noise Model User's Guide, FHWA-HEP-05-054, Final Report, January, www.fhwa.dot.gov/environment/noise/construction_noise/rcnm/rcnm.pdf.

U.S. Department of Transportation, Federal Transit Administration (FTA), 2006, Transit Nosie and Vibration Impact Assessment, FTA-VA-90-1003-06, May, www.transit.dot.gov/regulations-and-guidance/environmental-programs/fta-noise-and-vibration-impact-assessment.

Attachment 1
Photographs of Sample Sound Pressure Level (SPL) Survey Locations



Date: October 25, 2018
Measurement Location: ST-A (2816 Sunset Place)
View Direction: north
Notes: SLM microphone circled in dashed yellow



Date: October 25, 2018
Measurement Location: ST-A (2816 Sunset Place)
View Direction: south
Notes: SLM microphone circled in dashed yellow



Date: October 25, 2018
Measurement Location: ST-B (2815 7th Street)
View Direction: south
Notes: SLM microphone circled in dashed yellow



Date: October 25, 2018
Measurement Location: ST-B (2815 7th Street)
View Direction: north
Notes: SLM microphone circled in dashed yellow



Date: October 25, 2018
Measurement Location: ST-C (656 S. La Fayette Park Place)
View Direction: southeast
Notes: SLM microphone circled in dashed yellow



Date: October 25, 2018
Measurement Location: ST-C (656 S. La Fayette Park Place)
View Direction: northwest
Notes: SLM microphone circled in dashed yellow

Attachment 2
Cumulative Noise Discussion for Concurrent Construction Projects

Dt: October 31, 2018
Fm: Mark Storm (AECOM)
Re: Cumulative Noise Discussion - Predictive Analysis of Concurrent Construction Noise for CD-10 (625 S. La Fayette Park Place) and Nearby Projects

Per the forwarded list from Heloise Froelich (LABOE) on October 29, 2018, I have used aerial imagery from Google Earth to examine the distances and potential for sound-intervening structures between each potential cumulative project and the nearest of the identified noise-sensitive land uses (NSLU) discussed in the noise technical memorandum to which this document is "Attachment 2". The list of these other projects is as follows:

- 2806-2810 W. 7th Street – new construction, proposed 166-unit affordable housing with 6,000 square-foot commercial retail use;
- 2867 W. Sunset Place – new construction, 6-story 60-unit apartment building with two levels of underground parking;
- 2851 W. 7th Street – expansion of single-family dwelling, 1-story addition; and,
- 401 S. La Fayette Park Place – conversion to dwelling unit, interior remodel to permit 2 unpermitted dwelling units in a 5-story 56-unit apartment building.

Assumptions used to qualitatively and quantitatively assess cumulative noise impact from concurrent construction projects on the 625 S. La Fayette Park Place project NSLU are as follows:

- Construction noise from each studied project is comparable (per compliance with Los Angeles Municipal Code [LAMC] 112.05, no more than 75 dBA hourly L_{eq} at 50 feet);
- Only two projects would be concurrent (e.g., construction of 625 S. La Fayette Park Place and another project); and,
- "Cumulatively considerable" (CC) is defined as a project causing the logarithmic sum of noise from the two concurrent projects under construction to be more than 1 dBA higher than the louder of the two individual sources, and that this elevated level is sufficient to cause a noise impact with respect to the Los Angeles Municipal Code (LAMC). In other words, if a project would otherwise be compliant (e.g., increase in exterior ambient < 5 dBA), the noise from the concurrent other project cause the logarithmic sum to result in a level that exceeds this threshold (e.g., > 5 dBA exterior ambient increment). In terms of distance, if source noise levels from the concurrent construction activities are comparable (first bullet above), the "other project" needs to be at a distance from the NSLU equal to 1.6 times the project's distance or less to the same NSLU to be considered CC. If there are intervening structures to occlude the sound path, this distance can be shortened or eliminated—by way of example, a building receiving noise on opposite facades occludes noise contribution in each direction.

The following table summarizes the predicted instances of cumulatively considerable effect and the expect source. In summary, no cumulatively considerable construction noise effects are anticipated at the studied NSLU for the proposed 625 S. La Fayette Park Place project.

Cumulative Project (CP):	2806-2810 W. 7th Street	2867 W. Sunset Place	2851 W. 7th Street	401 S. La Fayette Park Place
Studied NSLU (below list):	Predicted cumulatively considerable (CC) effects from indicated project construction noise (if concurrent w/ proposed 625 S. La Fayette Park Place project [PP])			
2816 W. Sunset Place	CP is about the same distance from NSLU as PP, and an open parking lot affords unobstructed sound travel; however, different NSLU facades are exposed to the PP and CP noise, and distance-attenuated noise levels are expected to avoid potential for CC effect.	CP is 350' from NSLU, and distance-attenuated noise levels are expected to avoid potential for CC effect.	CP is more distant from NSLU than PP, and there are intervening existing buildings; hence, no CC effect expected.	CP is far more distant from NSLU than PP, and there are intervening existing buildings; hence, no CC effect expected.
2815 W. 7th Street	CP is directly across the street from the NSLU, at a distance of only 120'; however, construction noise from the PP is not expected to yield a CC effect due to its low predicted level (< 45 dBA) at this NSLU.	CP is more distant from NSLU than PP, and there are intervening existing buildings; hence, no CC effect expected.	CP is on the same street side as the NSLU, at a distance of only 110'; however, construction noise from the PP is not expected to yield a CC effect due to its low predicted level (< 45 dBA) at this NSLU.	CP is far more distant from NSLU than PP, and there are intervening existing buildings; hence, no CC effect expected.
2701 Wilshire Boulevard	CP is more distant from NSLU than PP, and there are intervening existing buildings; hence, no CC effect expected.	CP is far more distant from NSLU than PP; hence, no CC effect expected.	CP is far more distant from NSLU than PP, and there are intervening existing buildings; hence, no CC effect expected.	CP is far more distant from NSLU than PP, and there are intervening existing buildings; hence, no CC effect expected.

ATTACHMENT G. TRAFFIC INFORMATION

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FORM GEN. 160A (Rev. 1/82)

CITY OF LOS ANGELES

INTER-DEPARTMENTAL CORRESPONDENCE

625 S La Fayette Pl
DOT Case No. CEN 18-47630

Date: November 1, 2018

To: Heloise Froelich, Environmental Supervisor I
EMG, Bureau of Engineering, Department of Public Works

From: Wes Pringle, Transportation Engineer
Department of Transportation

Subject: **TRANSPORTATION IMPACT ANALYSIS FOR THE PROPOSED COUNCIL DISTRICT (CD) 10 BRIDGE HOUSING PROJECT AT 625 SOUTH LA FAYETTE PARK PLACE**

The Department of Transportation (DOT) has reviewed the technical memorandum prepared by AECOM, dated October 26, 2018, for the proposed Bridge Housing Project at 625 South La Fayette Place as shown in the project site plan (**Attachment 1**).

The project will temporarily change the use of the triangular portion of the City-owned La Fayette Park bordered by Wilshire Boulevard to the north, La Fayette Park Place to the east, and Hoover Street to the west to a temporary emergency homeless shelter for no more than three years. Project construction is expected to commence in December 2018 and be completed in five months. The project site is currently developed with two tennis courts which will be replaced with a 7,200-square foot tent structure with 70 beds, hygiene trailers, a free-standing shade structure, an administration trailer, an exterior dining area, a food preparation and serving area, bin storage, an outdoor pet area, bike racks, and open space to serve the local homeless community. The proposed project is estimated to generate a net increase of approximately 89 daily vehicle trips, 9 trips during the a.m. peak hour, and 9 trips in the p.m. peak hour (**Attachment 2**). The trip generation estimate is based on formulas from the LADOT Transportation Impact Study Guidelines, December 2016, Table 5: Trip Generation Rates for Affordable Housing Projects.

DOT concurs with the conclusion of the analysis that the project's trip generation does not meet the peak hour trip threshold to require a transportation impact analysis. Therefore, DOT will not require the preparation of a traffic study for this project.

A construction impact evaluation included in the technical memorandum anticipates a maximum volume of 22 passenger car equivalent trips during the project's construction. DOT concurs that transportation impacts are expected to be less than significant during the project's construction activities. Also, since the existing site is a park and does not provide onsite parking, the project is not anticipated to cause any displacement in parking and no secondary impact to circulation and congestion due to the loss of parking is anticipated. If necessary and prior to the start of construction work, DOT recommends that review and approval of the construction work site traffic control plan be coordinated with DOT's Citywide Temporary Traffic Control Plan Review Section (ladot.cttc@lacity.org or 213-972-8607).

If you have any questions, please contact Eileen Hunt of my staff at (213) 972-8481.

Attachments

J:\Letters\2018\CEN18-47630_625 LA FAYETTE PARK PL_CD10 temp hsg_ltr.docx

c: : Jordan Beroukhim, CD 10
Bert Moklebust, BOE Development Services
Bhuvan Bajaj, Hollywood-Wilshire District, DOT
Taimour Tanavoli, Case Management, DOT
Vamshi Akkinepally/Noel Casil, AECOM



1 SITE PLAN

PROPOSED SITE INFORMATION

ARCHITECTURE KEYNOTES
A01 60' x 120' TENT STRUCTURE
A02 12' x 40' HYGIENE TRAILER, TOTAL OF TWO
A03 FREE STANDING SHADE STRUCTURE
A04 24' x 40' ADMIN TRAILER
A05 FENCING (STREET & ONSITE) +/- 300 LF
A06 EXTERIOR DINING AREA
A07 60-GAL STORAGE CONTAINER YARD
A08 OUTDOOR PET AREA
A09 OFF-STREET LOADING ZONE
A10 WASTE & RECYCLING COTAINERS
A11 SMOKING AREA
A12 BIKE RACKS
A13 GENERAL OPEN SPACE
A14 HEAT TREATMENT TRAILER

SITE / CIVIL KEYNOTES
C01 DOMESTIC WATER
(N) 3" DOMESTIC WATER METER ON S VERMONT AVE
(N) 3" DOMESTIC WATER LATERAL ON S VERMONT AVE (30' RUN, 36" MIN. COVER)
(N) 3" DOMESTIC WATER LINE ON-SITE (10' RUN, 36" MIN. COVER)
C02 FIRE PROTECTION WATER
(N) 6" FIRE WATER LATERAL ON S VERMONT AVE (30' RUN, 36" MIN. COVER)
(N) 6" DOUBLE CHECK DETECTOR ASSEMBLY BACKFLOW PREVENTER (1 UNIT)
(N) 6" FIRE WATER LINE ON-SITE (90' RUN, 36" MIN. COVER)
C03 SANITARY SEWER
(N) 6" SANITARY SEWER LATER ON S VERMONT AVE (5' RUN, 30" MIN. COVER, 2% SLOPE MIN.)
(N) 6" SANITARY SEWER LINE ON-SITE (10' RUN, 30" MIN. COVER, 2% SLOPE MIN.)
C04 STORM WATER
STORM DRAIN: NONE - USE EXISTING

MECHANICAL KEYNOTES
M01 (N) HVAC UNITS

PLUMBING KEYNOTES
P01 GAS SERVICE (OPTIONS BASED ON SCE PRESSURE)
(N) 3/4" NATURAL GAS SUPPLY FROM S VERMONT AVE DEVELOPED LENGTH OF PIPE 150' IF 2 PSI AVAILABLE
(N) 1/2" NATURAL GAS SUPPLY FROM S VERMONT AVE DEVELOPED LENGTH OF PIPE 150' IF 5 PSI AVAILABLE

ELECTRICAL KEYNOTES
E01 ELECTRICAL SERVICE
(N) UNDERGROUND LADWP COMMERCIAL SERVICE 480/277V, 400 AMP, 3 PHASE, 4 WIRE
E02 TRANSFORMER
(N) PAD-MOUNTED TRANSFORMER WITH DISTRIBUTION PANEL

TELECOMMUNICATIONS KEYNOTES
T01 TELECOMMUNICATIONS SERVICE
(N) UNDERGROUND 3" ENTRANCE CONDUIT TO MPOE LOCATED IN ADMINISTRATION BUILDING WITH 50 PAIR Cu TELEPHONE LINES
(N) UNDERGROUND 3" ENTRANCE CONDUIT TO MPOE LOCATED IN ADMINISTRATION BUILDING WITH FIBER INTERNET SERVICE

ENGINEERING

GARY LEE MOORE, PE, ENV SP
CITY ENGINEER

SITE PLAN

W.O. # ######-###
Date 05/25/2018
Drawn by Author
Checked by Checker
Scale 1/64" = 1'-0"

A-2

A BRIDGE HOME SHELTER
CD10 LAFAYETTE PARK

622 SOUTH VERMONT AVE, LOS ANGELES, CA 90005

COUNCIL DISTRICT 10

AECOM Imagine it. Delivered.

CD-10 La Fayette Park Place
Bridge Housing Project

Figure 2 Project Site Plan (2 of 2)

Trip Rates									
Land Use	Source	Unit	Weekday						
			Daily	AM Peak Hour			PM PeaK Hour		
				In	Out	Total	In	Out	Total
Permanent Supportive Housing/Special Needs	LADOT[1]	DU/Beds	1.27	0.05	0.07	0.12	0.07	0.05	0.12

[1] LADOT Transportation Impact Study Guidelines, December 2016

Trip Generation								
Land Use	Quantity (Beds)	Weekday						
		Daily	AM Peak Hour			PM PeaK Hour		
			In	Out	Total	In	Out	Total
Western Avenue Bridge Housing	70	89	4	5	9	5	4	9

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CD-10 La Fayette Park Place
Bridge Housing Project

Table 1 Project Trip Generation

AECOM
999 Town and Country Road,
Orange, CA 92868
www.aecom.com

Memorandum

To	Ms. Eileen Hunt Metro Development Review Planning & Land Use Development Los Angeles Department of Transportation	Pages 4
Subject	Bridge Housing Project (Council District 10): Traffic Technical Memorandum	
From	Vamshi Akkinepally TE; Noel Casil PE, TE – AECOM	
Date	October 26, 2018	

Introduction

This technical memorandum summarizes the evaluation of potential traffic/transportation impacts associated with the Bridge Housing Project (proposed project) to be located at 625 South La Fayette Park Place in the Wilshire Community Plan Area of the City of Los Angeles (Council District 10), Los Angeles County, California (subject property/project site). The proposed project consists of a temporary change in property use from a City-owned park to a City-owned temporary emergency homeless shelter for no more than 3 years. The subject property is part of a City of Los Angeles Recreation and Parks Department park, known as La Fayette Park, which is addressed at 625 South La Fayette Park Place. The subject property portion of La Fayette Park is separated from the main larger park site by Wilshire Boulevard. The subject property portion of the park consists of Los Angeles County Assessor Parcel Number (APN) 5077-006-901, which comprises approximately 0.682 acre. No street address is associated with the subject property parcel. The subject property is currently developed with two tennis courts surrounded by landscaping and trees. The proposed project would include the removal of some of the trees, a new 7,200-square-foot tent structure with 70 beds, a 480-square-foot hygiene trailer, a freestanding shade structure, a 960-square-foot administration trailer, a 1,300-square-foot exterior dining area, a 130-square-foot food preparation and serving area, 385 square-feet of bin storage, 475 linear-feet of street and onsite fencing, a 500-square-foot outdoor pet area, bike racks, a smoking area, and general open space that would serve the local homeless community. The project site and surrounding area are within a highly urbanized area (see Attachment 1). As discussed in this memorandum, the proposed project was determined to have no significant adverse impacts related to traffic/transportation and parking.

Purpose

The purpose of this analysis was to determine whether the proposed project would impact traffic/transportation and parking. Three different components of impact assessments were conducted: (1) transportation impacts associated with the operation of the proposed project, (2) transportation impacts associated with the construction of the proposed project, and (3) parking impacts associated with the operation of the proposed project. The following discussion presents and summarizes the results of these three impact assessment components.

Project Operation Transportation Impact Evaluation

Evaluation of the traffic operation impact is based on the most recent version of the Los Angeles Department of Transportation (LADOT) Transportation Impact Study guidelines and the generic approach to traffic studies for temporary homeless bridge housing projects and permanent homeless shelter/navigation facilities documentation provided by LADOT (provided in Attachment 2). As indicated in the guidelines, the first step is to contact the designated LADOT liaison to initiate the Memorandum of Understanding (MOU) process in order to

determine traffic analysis needs for the proposed project. Based on coordination with LADOT, the following criteria have been established to determine the level of traffic impact analysis need for these types of projects:

- If the project generates less than 43 a.m. or p.m. peak hour vehicle trips or 500 vehicles per day, a Technical Memorandum shall be prepared.

- If the project is likely to generate 25 to 42 a.m. or p.m. vehicle trips, then analysis at the adjacent signalized intersection(s) shall be conducted.

    - Because these projects are expected to be constructed and occupied within a year, the analysis should evaluate Existing and Existing plus Project conditions and there would be no need for related projects.

- If the project is likely to add less than 25 a.m. or p.m. peak hour vehicle trips, evaluation of potential project impacts at adjacent signalized intersection(s) is not required.

Project's Memorandum of Understanding

In coordination with LADOT during the MOU development process, the calculation of project trips for the proposed project is based on the trip rates for permanent supportive housing/special needs included in the LADOT Transportation Impact Study guidelines. As shown in the guidelines, the rate applies for the number of dwelling units. However, per direction and approval by LADOT, the number of beds provided for the site can be utilized in lieu of the number of dwelling units for the purpose of evaluating the proposed project. The total number of beds provided for the proposed project is 70. Tables 1 and 2 provide a summary of the permanent supportive housing/special needs trip rates and calculated trip generation for the proposed project.

As shown in Table 2, the proposed project is anticipated to generate 9 a.m. peak hour vehicle trips, 9 p.m. peak hour vehicle trips, and 89 vehicle trips per day. These projected vehicle trips for the proposed project fall below the 25 a.m. or p.m. peak hour vehicle trip thresholds indicated in the criteria above; therefore, no further analysis is required at adjacent signalized intersection(s) according to LADOT guidelines. Based on this determination, the proposed project is not anticipated to have significant permanent adverse impacts related to transportation. The approved LADOT MOU is included in Attachment 2.

Table 1. Trip Rates

Land Use	Source	Unit	Daily	AM Peak Hour			PM Peak Hour		
				In	Out	Total	In	Out	Total
Permanent Supportive Housing/ Special Needs	LADOT[1]	DU/Beds	1.27	0.05	0.07	0.12	0.07	0.05	0.12

[1] LADOT Transportation Impact Study Guidelines, December 2016

Table 2. Trip Generation

Land Use	Quantity (Beds)	Daily	AM Peak Hour			PM Peak Hour		
			In	Out	Total	In	Out	Total
Permanent Supportive Housing/ Special Needs	70	89	4	5	9	5	4	9

Project Construction Transportation Impact Evaluation

During the construction of the proposed project, the following sequential construction activities will be conducted:

- Demolition
- Trenching
- Grading
- Paving
- Installation of Modular Buildings

Project construction is anticipated to occur five days a week between the hours of 7:00 a.m. to 4:00 p.m. Construction is projected to commence in the middle of December 2018 and be completed by end of April 2019. This results in approximately 4 months of construction. The estimated number of construction workers ranges from eight (average) to 10 (maximum). Total number of trucks is approximately eight with a maximum of four trucks per day. Staging areas will be located on-site and construction truck routes will be along Wilshire Boulevard.

Project construction traffic will be composed of the combined number of trucks expected for each construction activity and employee vehicles. Table 3 provides a summary of the anticipated construction traffic for each of the construction activities. For the purpose of this analysis, a maximum number of 10 employees has been assumed and construction truck volumes have been converted to passenger car equivalent (PCE) volumes utilizing a factor of three passenger cars per truck. As shown in the table, it is anticipated that the maximum number of vehicles during the construction period is 14 during the grading stage of construction with a PCE adjusted volume of 22 vehicles. Based on these anticipated construction traffic volumes and the vehicle volume thresholds indicated above, no further analysis is required at adjacent signalized intersection(s) according to LADOT guidelines. The proposed project is not anticipated to have significant temporary adverse impacts related to transportation.

Table 3. Maximum Number of Construction Vehicles per Construction Activity

Construction Activity	Demolition	Trenching	Grading	Paving	Sprung Structure Installation
Trucks – Vehicle Volume	2	2	4	2	0
Trucks – PCE Volume[1]	6	6	12	6	0
Auto	10	10	10	10	10
Total (Truck Vehicle + Auto)	*12*	*12*	*14*	*12*	*10*
Total (Truck PCE + Auto)	*16*	*16*	*22*	*16*	*10*

[1]Truck vehicle volume has been converted to passenger car equivalent (PCE) volume using a PCE factor of three passenger cars per truck.

Parking Impact Evaluation

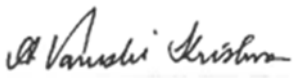
Based on the LADOT Transportation Impact Study guidelines and the generic approach to traffic studies for temporary homeless bridge housing projects, as well as permanent homeless shelter/navigation facilities documentation provided by LADOT (provided in Attachment 2), an impact is determined if the project causes a diversion or shift of 43 vehicles or more during the a.m. and p.m. peak hours.

As described above, the proposed project will be constructed at a park and is not anticipated to cause any displacement in parking at the existing site. Employees of the proposed project are expected to use the available on-street parking in the area during their shifts. Therefore, the proposed project is not anticipated to have significant secondary impacts (parking) related to transportation.

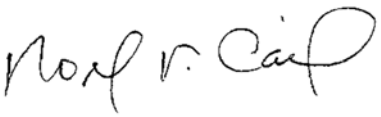
Conclusion

Based on the evaluations of potential traffic/transportation impacts, as discussed above, the proposed project is not anticipated to have significant adverse or secondary impacts related to traffic/transportation according to the LADOT traffic impact analysis thresholds. Both the project operation trip generation and anticipated construction vehicles fall below the peak hour vehicle volume threshold of 25 peak hour vehicle trips during the a.m. and p.m. peak hours. In addition, it is unlikely that the proposed project will generate or cause a diversion or shift of 43 vehicles or more during the a.m. and p.m. peak hours. Therefore, the proposed project is not anticipated to have secondary impacts (parking) related to transportation.

Prepared by



Vamshi Akkinepally, TE
Senior Transportation Planner



Noel Casil, PE, TE
Senior Transportation Engineer

Attachment 1 – Project Location Maps
Attachment 2 – LADOT Traffic Requirements and Project's Memorandum of Understanding

Attachment 1
Project Location Maps



CD-10 La Fayette Park Place
Bridge Housing Project

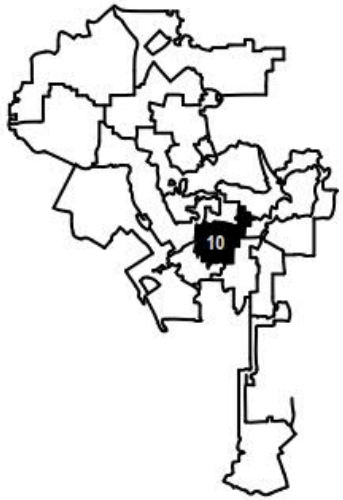
Figure 1 Project Location Map

AECOM Imagine it. Delivered.

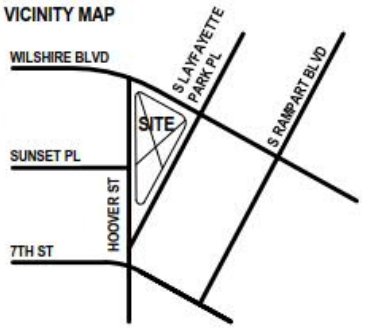


CITY OF LOS ANGELES
A BRIDGE HOME SHELTER

COUNCIL DISTRICT MAP



VICINITY MAP



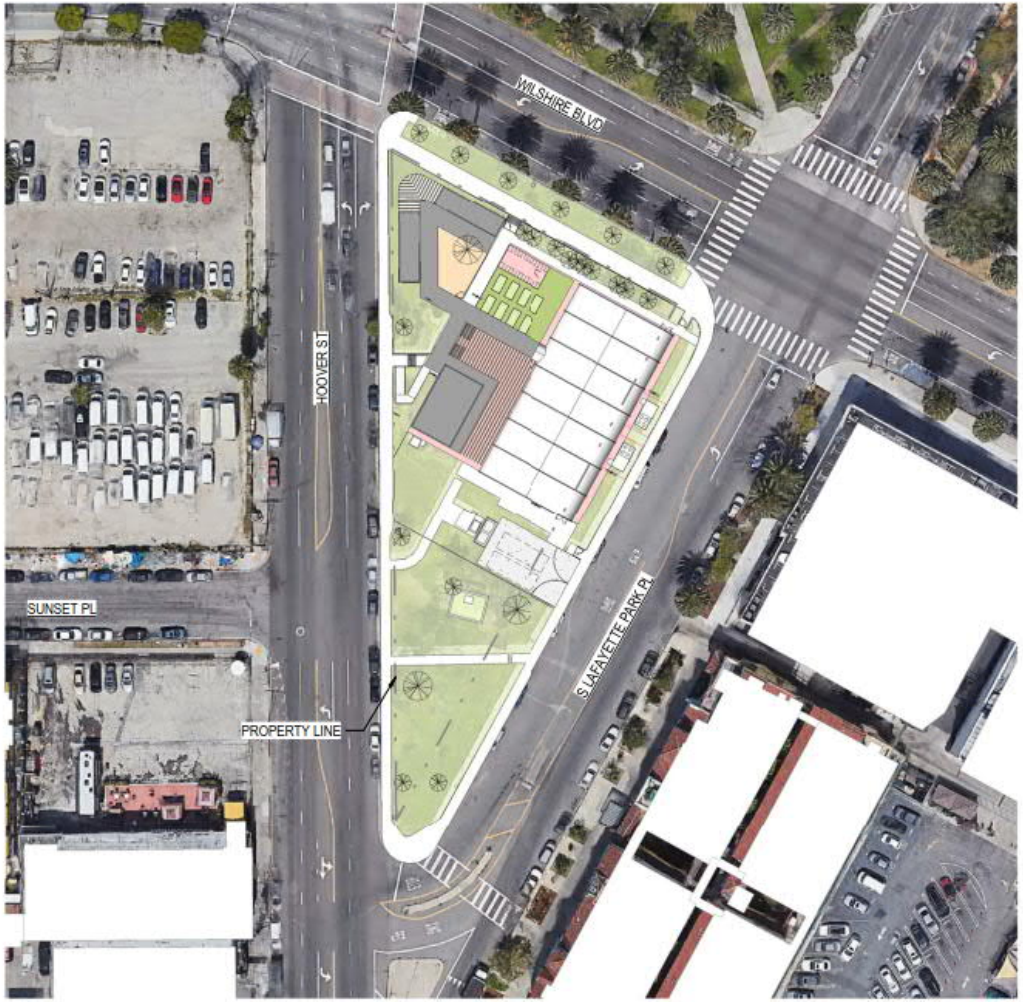
PROJECT DATA

NUMBER OF HOUSED:	**70 BEDS**
ANTICIPATED COST:	**$X.XXM**
SITE AREA:	**27,900 SF**

CD-10 La Fayette Park Place
Bridge Housing Project

Figure 2 Project Site Plan (1 of 2)

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1 SITE PLAN
1/64" = 1'-0"

0' 10' 20' 30' 60' 120'

PROPOSED SITE INFORMATION

ARCHITECTURE KEYNOTES
A01 60' x 120' TENT STRUCTURE
A02 12' x 40' HYGIENE TRAILER, TOTAL OF TWO
A03 FREE STANDING SHADE STRUCTURE
A04 24' x 40' ADMIN TRAILER
A05 FENCING (STREET & ONSITE) +/- 300 LF
A06 EXTERIOR DINING AREA
A07 60-GAL STORAGE CONTAINER YARD
A08 OUTDOOR PET AREA
A09 OFF-STREET LOADING ZONE
A10 WASTE & RECYCLING COTAINERS
A11 SMOKING AREA
A12 BIKE RACKS
A13 GENERAL OPEN SPACE
A14 HEAT TREATMENT TRAILER

SITE / CIVIL KEYNOTES
C01 DOMESTIC WATER
(N) 3" DOMESTIC WATER METER ON S VERMONT AVE
(N) 3" DOMESTIC WATER LATERAL ON S VERMONT AVE (30' RUN, 36" MIN. COVER)
(N) 3" DOMESTIC WATER LINE ON-SITE (10' RUN, 36" MIN. COVER)
C02 FIRE PROTECTION WATER
(N) 6" FIRE WATER LATERAL ON S VERMONT AVE (30' RUN, 36" MIN. COVER)
(N) 6" DOUBLE CHECK DETECTOR ASSEMBLY BACKFLOW PREVENTER (1 UNIT)
(N) 6" FIRE WATER LINE ON-SITE (90' RUN, 36" MIN. COVER)
C03 SANITARY SEWER
(N) 6" SANITARY SEWER LATER ON S VERMONT AVE (5' RUN, 30" MIN. COVER, 2% SLOPE MIN.)
(N) 6" SANITARY SEWER LINE ON-SITE (10' RUN, 30" MIN. COVER, 2% SLOPE MIN.)
C04 STORM WATER
STORM DRAIN: NONE - USE EXISTING

MECHANICAL KEYNOTES
M01 (N) HVAC UNITS

PLUMBING KEYNOTES
P01 GAS SERVICE (OPTIONS BASED ON SCE PRESSURE)
(N) 3/4" NATURAL GAS SUPPLY FROM S VERMONT AVE DEVELOPED LENGTH OF PIPE 150' IF 2 PSI AVAILABLE
(N) 1/2" NATURAL GAS SUPPLY FROM S VERMONT AVE DEVELOPED LENGTH OF PIPE 150' IF 5 PSI AVAILABLE

ELECTRICAL KEYNOTES
E01 ELECTRICAL SERVICE
(N) UNDERGROUND LADWP COMMERCIAL SERVICE 480/277V, 400 AMP, 3 PHASE, 4 WIRE
E02 TRANSFORMER
(N) PAD-MOUNTED TRANSFORMER WITH DISTRIBUTION PANEL

TELECOMMUNICATIONS KEYNOTES
T01 TELECOMMUNICATIONS SERVICE
(N) UNDERGROUND 3" ENTRANCE CONDUIT TO MPOE LOCATED IN ADMINISTRATION BUILDING WITH 50 PAIR Cu TELEPHONE LINES
(N) UNDERGROUND 3" ENTRANCE CONDUIT TO MPOE LOCATED IN ADMINISTRATION BUILDING WITH FIBER INTERNET SERVICE

CITY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING

ENGINEERING
CITY OF LOS ANGELES

GARY LEE MOORE, PE, ENV SP
CITY ENGINEER

A BRIDGE HOME SHELTER
CD10 LAFAYETTE PARK

682 SOUTH VERMONT AVE, LOS ANGELES, CA 90005

SITE PLAN

W.O. #	###### ###
Date	05/25/2018
Drawn by	Author
Checked by	Checker

A-2

Scale 1/64" = 1'-0"

COUNCIL DISTRICT 10

AECOM Imagine it. Delivered.

CD-10 La Fayette Park Place
Bridge Housing Project

Figure 2 Project Site Plan (2 of 2)

Attachment 2
LADOT Traffic Requirements and
Project's Memorandum of Understanding

GENERIC APPROACH TO TRAFFIC STUDIES – TEMPORARY HOMELESS BRIDGE HOUSING PROJECTS & PERMANENT HOMELESS SHELTER/NAVIGATION FACILITIES – REVIEWED BY LADOT (Tomas Carranza)

LADOT FIRST STEP CONTACT: Eileen Hunt (liaison to expedite requests) at

Eileen Hunt
Transportation Engineering Associate III
Metro Development Review
Planning & Land Use Development
Los Angeles Department of Transportation
213-972-8481
eileen.hunt@lacity.org

Prepare a traffic impact analysis technical memorandum for the proposed Project. The traffic impact analysis will be based on the most recent version of the Los Angeles Department of Transportation (LADOT) Transportation Impact Study Guidelines, Transportation Specific Plan for Area or Interim Control Ordinance (ICO), and the L.A CEQA Threshold Guide (2006), Chapter L. The CEQA Threshold Guide indicates that if a project will generate or cause a diversion or shift of 500 or more daily vehicle trips or 43 or more a.m. or p.m. peak hour trips, further study is required. If not, no further study is required. Because some of the homeless bridge housing projects are parking lots, with approximately 50 spaces, this may cause a shift of 43 or more peak hour trips. However, due to the nature and size of the homeless projects, operational vehicle trips are not expected to exceed 500 or more daily vehicle trips. Additionally, a qualitative analysis will be provided for the construction phase of the project. Site operational and construction phase data can be supplied to support this (i.e., vehicle trips from homeless patrons during operation, hours of operation, staffing level and shift times, onsite activities and amenities, classroom size and frequency of classes, construction activities and duration, etc.).

The following items are anticipated to be included in the traffic impact analysis scope of work:

- LADOT Scoping Process / Preparation of Memorandum of Understanding (MOU) if analysis is required
- Weekday Peak Period Traffic Counts at adjacent intersections, as readily available from LADOT
- Traffic Impact Analysis at adjacent Intersection
- Preparation of Traffic Impact Analysis Memorandum
- Parking Survey/Evaluation for Replacement Parking, if a parking lot is being displaced; and determination as to whether a secondary impact is created to circulation and congestion, by the loss of parking.
- Construction Phase Analysis.

Anticipated Expedited Data Requests from LADOT – (fees are waived, per Tomas Carranza)

- Traffic Counts – weekday (AM and PM peak period) traffic counts at adjacent signalized intersections, and any time delays at nearest un-signalized intersections. If none provided by LADOT in a timely fashion, or if counts are not recent enough, then perform the counts or monitoring.
- Street segments and Intersection/freeway on or off-ramp analysis, if required (confirmed through coordination with LADOT in the MOU process/review).
- List of related projects; if need for further study.
- Initial coordination and approval of MOU from LADOT and/or concurrence that no further study is needed.

Akkinepally, Vamshi

From: Chau, Raizalyn
Sent: Monday, October 22, 2018 12:38 PM
To: Akkinepally, Vamshi
Subject: FW: CD 10 La Fayette Park Place Bridge Housing Project MOU
Attachments: CEN18-47630_CD10 La Fayette Park Pl_signed MOU.pdf

Raizalyn Chau, TE
AECOM
Senior Transportation Engineer
D +1-714-567-2641
raizalyn.chau@aecom.com

From: Eileen Hunt [mailto:eileen.hunt@lacity.org]
Sent: Wednesday, October 10, 2018 11:11 AM
To: Chau, Raizalyn
Cc: Casil, Noel; Flores, Jerry
Subject: Re: CD 10 La Fayette Park Place Bridge Housing Project MOU

Hi Raizalyn,

Please see attached signed MOU sheet.

On Tue, Oct 9, 2018 at 5:24 PM Chau, Raizalyn <Raizalyn.Chau@aecom.com> wrote:

> Hi Eileen,
>
> Attached is a MOU for a Bridge Housing project located on 625 South La Fayette Park Place, Los Angeles CA for your review and approval. The project site is part of a City of Los Angeles Recreation Parks and Department park, known as La Fayette Park. Based on the attached MOU and the City's volume threshold to conduct traffic impact analysis, a traffic technical memorandum will be prepared and no traffic impact analysis at adjacent intersections will be conducted. As shown in the MOU, the project is anticipated to generate 9 vehicle trips during the AM and PM peak hours which is less than the 25 vehicle trips during the peak hour threshold.
>
> We will prepare a traffic technical memorandum for the project and is proposed to consist of the following:
>
> - Project description.
> - Summary of the trip generation resulting in no traffic impact due to the project generating less than 25 vehicle trips during the peak hour. No traffic analysis will be conducted at the adjacent intersections.
> - Qualitative discussion of construction impacts.

Please review the attached MOU and our proposed content of the technical memorandum.

If you have any questions, please feel free to contact me.

Thanks,

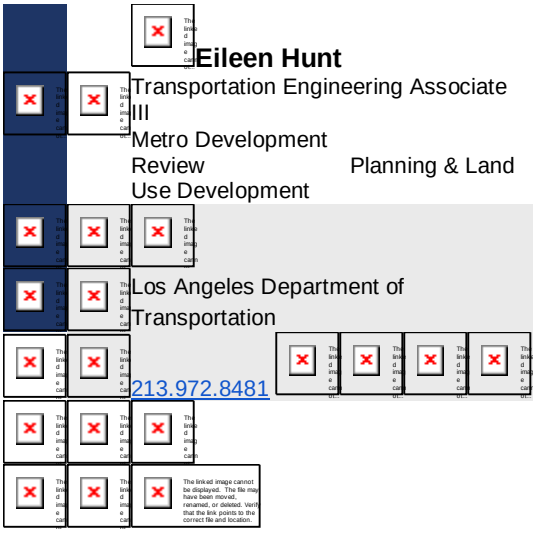
Raizalyn Chau, TE
Senior Transportation Engineer
D +1-714-567-2641
raizalyn.chau@aecom.com

AECOM
999 Town and Country Road
Orange, CA 92868, USA
T +1-714-567-2400
aecom.com

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LADOT

Transportation Impact Study Memorandum of Understanding (MOU)

This MOU acknowledges that the Transportation Impact Study for the following Project will be prepared in accordance with the latest version of LADOT's Transportation Impact Study Guidelines:

I. PROJECT INFORMATION

Project Name: CD-10 La Fayette Park Place Bridge Housing

Project Address: 625 S. La Fayette Park Place, Los Angeles CA 90057

Project Description: Temporary homeless shelter with 70 beds. See attached for complete project description.

LADOT Project Case Number: CEN18-47360 Project Site Plan attached? *(Required)* ☑ Yes ☐ No

II. TRIP GENERATION

Geographic Distribution: N n/a % S n/a % E n/a % W n/a %

Illustration of Project trip distribution percentages at Study intersections attached? *(Required)* ☐ Yes ☑ No

Trip Generation Rate(s): ITE 10th Edition / LADOT Trip Generation Rates for Affordable Housing Projects

Trip generation table including a description of the proposed land uses, ITE rates, estimated morning and afternoon peak hour volumes (ins/outs/totals), proposed trip credits, etc. attached? *(Required)* ☑ Yes ☐ No

	IN	OUT	TOTAL
AM Trips	4	5	9
PM Trips	5	4	9

III. STUDY AREA AND ASSUMPTIONS

Project Buildout Year: 2019 Ambient or CMP Growth Rate: n/a % Per Yr.

Map of Study Intersections attached? *(May be subject to LADOT revision after initial impact analysis)* ☐ Yes ☑ No

Study Intersections:

1. n/a - Trip Generation is less than 25 trips during the peak hour.
2. n/a

Is this Project located on a street within the High Injury Network? ☑ Yes ☐ No

IV. CONTACT INFORMATION

CONSULTANT

Name: Raizalyn Chau Company: AECOM

Address: 999 Town and County Rd, Orange CA 92868

E-Mail: raizalyn.chau@aecom.com Phone Number: 714-567-2641

Approved by:	x		10/09/2018	x		10/10/18
		Consultant's Representative	Date		LADOT Representative	Date

Project Description

The proposed project will consist of a temporary change in use from a City of Los Angeles (City)-owned paved public parking lot with minimal landscaping to a temporary Bridge Housing emergency homeless shelter for no more than three years. The project site and surrounding area are within a highly urbanized area of Los Angeles. The project site is part of a City of Los Angeles Recreation and Parks Department park, known as La Fayette Park, which is located on 625 South La Fayette Park Place, Los Angeles, CA 90057. The project site is comprised of Assessor Parcel No. (APN) 5077-006-901. The project site belongs to the same lot as the larger park; however, it is separated from the larger park site by Wilshire Boulevard. The project site contains tennis courts, landscaping and tress. Figure 1 illustrates the project location.

The proposed project will likely include removal of some of the existing trees, a new 7,200 square-foot (sf) tent structure with 70 beds, a 480 sf hygiene trailer, a free standing shade structure, a 960 sf administration trailer, a 1,300 sf exterior dining area, a 130 sf food preparation and serving area, 385 sf of bin storage, 475 linear-feet of street and onsite fencing, a 500 sf outdoor per area, bike racks, a smoking area and general open space that would serve the local homeless community. The site plan for the proposed project is illustrated on Figure 2.

Construction Information

Hours of Construction	7:00 AM to 4:00 PM
Days of Construction	5 days/week
Construction Period	12/16/2018 to 4/29/2019
Estimated Number of Construction Workers	8 (average) to 10 (maximum)
Total Number of Construction Trucks	8
Max Number of Construction Trucks Per Day	4
Haul Route	Wilshire Boulevard



CD-10 La Fayette Park Place
Bridge Housing Project

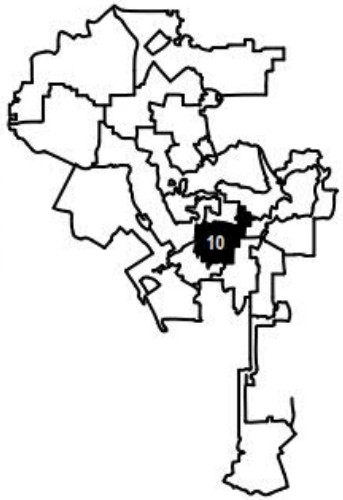
Figure 1 Project Location Map

AECOM Imagine it. Delivered.

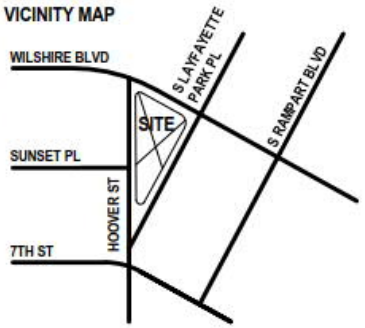


CITY OF LOS ANGELES
A BRIDGE HOME SHELTER

COUNCIL DISTRICT MAP



VICINITY MAP



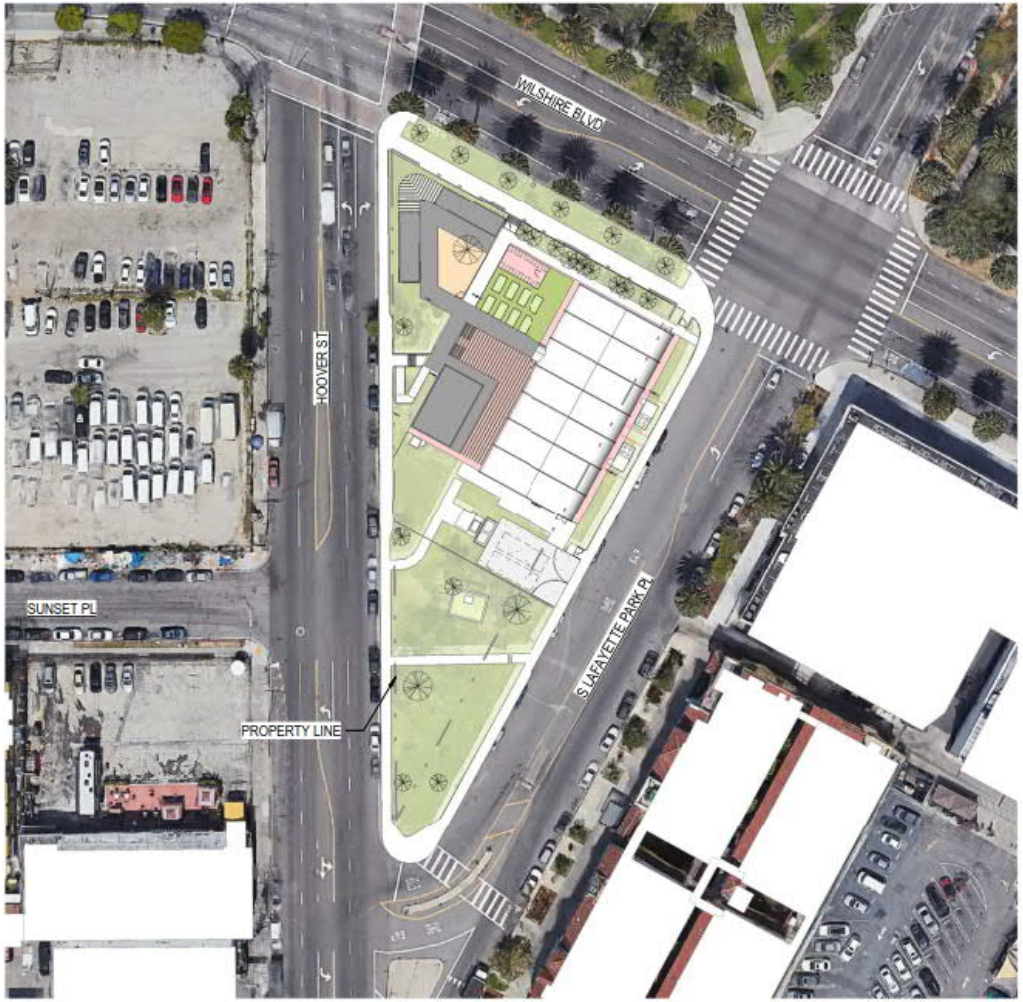
PROJECT DATA

NUMBER OF HOUSED:	**70 BEDS**
ANTICIPATED COST:	**$X.XXM**
SITE AREA:	**27,900 SF**

CD-10 La Fayette Park Place
Bridge Housing Project

Figure 2 Project Site Plan (1 of 2)

AECOM Imagine it. Delivered.



1 SITE PLAN
1/64" = 1'-0"

0' 10' 20' 30' 60' 120'

PROPOSED SITE INFORMATION

ARCHITECTURE KEYNOTES
A01 60' x 120' TENT STRUCTURE
A02 12' x 40' HYGIENE TRAILER, TOTAL OF TWO
A03 FREE STANDING SHADE STRUCTURE
A04 24' x 40' ADMIN TRAILER
A05 FENCING (STREET & ONSITE) +/- 300 LF
A06 EXTERIOR DINING AREA
A07 60-GAL STORAGE CONTAINER YARD
A08 OUTDOOR PET AREA
A09 OFF-STREET LOADING ZONE
A10 WASTE & RECYCLING COTAINERS
A11 SMOKING AREA
A12 BIKE RACKS
A13 GENERAL OPEN SPACE
A14 HEAT TREATMENT TRAILER

SITE / CIVIL KEYNOTES
C01 DOMESTIC WATER
(N) 3" DOMESTIC WATER METER ON S VERMONT AVE
(N) 3" DOMESTIC WATER LATERAL ON S VERMONT AVE (30' RUN, 36" MIN. COVER)
(N) 3" DOMESTIC WATER LINE ON-SITE (10' RUN, 36" MIN. COVER)
C02 FIRE PROTECTION WATER
(N) 6" FIRE WATER LATERAL ON S VERMONT AVE (30' RUN, 36" MIN. COVER)
(N) 6" DOUBLE CHECK DETECTOR ASSEMBLY BACKFLOW PREVENTER (1 UNIT)
(N) 6" FIRE WATER LINE ON-SITE (90' RUN, 36" MIN. COVER)
C03 SANITARY SEWER
(N) 6" SANITARY SEWER LATER ON S VERMONT AVE (5' RUN, 30" MIN. COVER, 2% SLOPE MIN.)
(N) 6" SANITARY SEWER LINE ON-SITE (10' RUN, 30" MIN. COVER, 2% SLOPE MIN.)
C04 STORM WATER
STORM DRAIN: NONE - USE EXISTING

MECHANICAL KEYNOTES
M01 (N) HVAC UNITS

PLUMBING KEYNOTES
P01 GAS SERVICE (OPTIONS BASED ON SCE PRESSURE)
(N) 3/4" NATURAL GAS SUPPLY FROM S VERMONT AVE DEVELOPED LENGTH OF PIPE 150' IF 2 PSI AVAILABLE
(N) 1/2" NATURAL GAS SUPPLY FROM S VERMONT AVE DEVELOPED LENGTH OF PIPE 150' IF 5 PSI AVAILABLE

ELECTRICAL KEYNOTES
E01 ELECTRICAL SERVICE
(N) UNDERGROUND LADWP COMMERCIAL SERVICE 480/277V, 400 AMP, 3 PHASE, 4 WIRE
E02 TRANSFORMER
(N) PAD-MOUNTED TRANSFORMER WITH DISTRIBUTION PANEL

TELECOMMUNICATIONS KEYNOTES
T01 TELECOMMUNICATIONS SERVICE
(N) UNDERGROUND 3" ENTRANCE CONDUIT TO MPOE LOCATED IN ADMINISTRATION BUILDING WITH 50 PAIR Cu TELEPHONE LINES
(N) UNDERGROUND 3" ENTRANCE CONDUIT TO MPOE LOCATED IN ADMINISTRATION BUILDING WITH FIBER INTERNET SERVICE

CITY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING

ENGINEERING
CITY OF LOS ANGELES

GARY LEE MOORE, PE, ENV SP
CITY ENGINEER

A BRIDGE HOME SHELTER
CD10 LAFAYETTE PARK

682 SOUTH VERMONT AVE, LOS ANGELES, CA 90005

SITE PLAN

W.O. #	###### ###
Date	05/25/2018
Drawn by	Author
Checked by	Checker

A-2

Scale 1/64" = 1'-0"

COUNCIL DISTRICT 10

AECOM Imagine it. Delivered.

CD-10 La Fayette Park Place
Bridge Housing Project

Figure 2 Project Site Plan (2 of 2)

Trip Rates									
Land Use	Source	Unit	Weekday						
			Daily	AM Peak Hour			PM PeaK Hour		
				In	Out	Total	In	Out	Total
Permanent Supportive Housing/Special Needs	LADOT[1]	DU/Beds	1.27	0.05	0.07	0.12	0.07	0.05	0.12

[1] LADOT Transportation Impact Study Guidelines, December 2016

Trip Generation								
Land Use	Quantity (Beds)	Weekday						
		Daily	AM Peak Hour			PM PeaK Hour		
			In	Out	Total	In	Out	Total
Western Avenue Bridge Housing	70	89	4	5	9	5	4	9