This Page Intentionally Left Blank

1650 SPRUCE STREET, STE 106
RIVERSIDE, CA 92507
951.787.9222
WWW.MIGCOM.COM

Project Memorandum

To: Alfonso Hernandez, City of Downey

CC: --

From: Chris Dugan and William Deeman

Date: September 20, 2023

SUBJECT: Air Quality, Greenhouse Gas, and Energy Analysis for the Townhome Community Residential Project at 7360 Foster Bridge Blvd. in Downey, CA

MIG, Inc. (MIG) has prepared this memorandum at the request of City of Downey. This memorandum estimates the potential air quality and greenhouse gas (GHG) emissions and energy consumption levels for the proposed 7360 Foster Bridge Boulevard Townhome Community Residential Project (proposed project) and evaluates project emissions against applicable South Coast Air Quality Management District (SCAQMD)-recommended California Environmental Quality Act (CEQA) significance thresholds.

PROJECT DESCRIPTION

The proposed project involves the construction of 33 residential townhome units at 7360 Foster Bridge Boulevard (project site) in the City of Downey, California. The project site is a developed, approximately 1.3-acre property comprised of one land parcel (APN 6358-015-058). The proposed project would include approximately 51,234 square feet of gross building space, 6,958 square feet of open space, and 27,000 square feet of impervious surfaces such as walkways, drive aisles, driveways, and parking spaces. Each dwelling unit would range from approximately 1,188 to 1,792 square feet. The site would contain approximately 66 garage stalls and 5 guest stalls.

The proposed project site is bordered by Foster Bridge Boulevard to the east, a self-storage facility to the west, single-family residential land uses to the north, and Suva Street to the south. The site is located 0.9 miles west of the I-5 Freeway and 1.8 miles east of the I-710 Freeway.

The proposed project would demolish an existing church at the site (“TLG I House”) and then involve site preparation, grading, building construction, paving, and architectural coating construction activities. Project construction is assumed to begin in early-2024 and last approximately 12 months. The proposed project’s modeled construction schedule and anticipated equipment usage are listed in Table 1.

Table 1: 7360 Foster Bridge Boulevard Project Construction Activities		
Construction Phase	**Duration (Days)(A)**	**Typical Equipment Used(B)**
Demolition	20	Dozer, Tractor/Loader/Backhoe, Concrete/Industrial Saw
Site Preparation	2	Grader, Dozer, Tractor/Loader/Backhoe
Grading	4	Grader, Dozer, Backhoe
Building Construction	200	Crane, Forklift, Backhoe, Generator, Welder
Paving	10	Paver, Roller, Paving Equipment
Architectural Coating	10	Air Compressor

Source: MIG 2023, (see Attachment 1)

(A) Days refers to total active workdays in the construction phase, not calendar days.

(B) The typical equipment list does not reflect all equipment that would be used during the construction phase. Not all equipment would operate eight hours per day each workday.

The proposed project's air quality, GHG, and energy impacts are evaluated below.

AIR QUALITY ANALYSIS

The proposed project is located within the South Coast Air Basin (Basin), where efforts to attain state and federal air quality standards are governed by the SCAQMD. Both the State of California and the federal government have established health-based ambient air quality standards (AAQS) for seven air pollutants (known as criteria pollutants). These pollutants include ozone (O_3), carbon monoxide (CO), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), inhalable particulate matter with a diameter of 10 microns or less (PM_{10}), fine particulate matter with a diameter of 2.5 microns or less ($PM_{2.5}$), and lead (Pb). The state has also established AAQS for additional pollutants. The AAQS are designed to protect the health and welfare of the populace within a reasonable margin of safety. Where the state and federal standards differ, California AAQS (CAAQS) are more stringent than the national AAQS (NAAQS). The U.S. Environmental Protection Agency (U.S. EPA), California Air Resources Board (CARB), and the SCAQMD assess the air quality of an area by measuring and monitoring the amount of pollutants in the ambient air and comparing pollutant levels against NAAQS and CAAQS. Based on these comparisons, regions are classified into one of the following categories:

- **Attainment.** A region is "in attainment" if monitoring shows ambient concentrations of a specific pollutant are less than or equal to NAAQS or CAAQS. In addition, an area that has been re-designated from nonattainment to attainment is classified as a "maintenance area" for 10 years to ensure that the air quality improvements are sustained.
- **Nonattainment.** If the NAAQS or CAAQS are exceeded for a pollutant, the region is designated as nonattainment for that pollutant. It is important to note that some NAAQS and CAAQS require multiple exceedances of the standard in order for a region to be classified as nonattainment. Federal and state laws require nonattainment areas to develop strategies, plans, and control measures to reduce pollutant concentrations to levels that meet, or attain, standards.
- **Unclassified.** An area is unclassified if the ambient air monitoring data are incomplete and do not support a designation of attainment or nonattainment.

Air pollution levels are measured at monitoring stations located throughout the Basin. Table 2, *South Coast Air Basin Attainment Status*, summarizes the Basin's attainment status for the NAAQS and CAAQS.

Table 2: South Coast Air Basin Attainment Status

Pollutant	Attainment Status(A)	
	NAAQS	CAAQS
O_3 (1-hr)	Nonattainment	Nonattainment
O_3 (8-hr)	Nonattainment	Nonattainment
PM_{10} (24-hr and Annual)	Attainment	Nonattainment
$PM_{2.5}$ (24-hr)	Nonattainment	--
$PM_{2.5}$ (Annual)	Nonattainment	Nonattainment
CO	Attainment (Maintenance)	Attainment
NO_2 (1-hr)	Attainment	Attainment
NO_2 (Annual)	Attainment (Maintenance)	Attainment
SO_2	Attainment	Attainment
Lead	Partial Nonattainment	Attainment
Visibility Reducing Particles	--	Unclassified
SO_4	--	Attainment
H_2S	--	Attainment

Source: SCAQMD, 2018

(A) This table summarizes the Basin's attainments status for the NAAQS and CAAQS (as of September 2018). This table does not prevent comprehensive information regarding the CAAQS and NAAQS. Each CAAQS and NAAQS has its own averaging time, standard unit of measurement, measurement method, and statistical test for determining if a specific standard has been exceeded. Refer to the table source for detailed information on the NAAQS and CAAQS.

The proposed project would generate both short-term construction emissions and long-term operational emissions. The SCAQMD adopts rules that establish permissible air pollutant emissions levels for a variety of business, processes, operations, and products to subject to Federal and State air quality requirements. In general, the proposed project and its potential emissions sources would be subject to the following State and SCAQMD rules:

- **SCAQMD Rule 401 (Visible Emissions)** prohibits discharge into the atmosphere from any single source of emission for any contaminant for a period or periods aggregating more than three minutes in any one hour that is as dark or darker in shade than that designated as No. 1 on the Ringelmann Chart, as published by the U.S. Bureau of Mines.
- **SCAQMD Rule 402 (Nuisance)** prohibits discharges of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property.
- **SCAQMD Rule 403 (Fugitive Dust)** prohibits emissions of fugitive dust from any grading activity, storage pile, or other disturbed surface area if it crosses the project property line or if emissions caused by vehicle movement cause substantial impairment of visibility (defined as exceeding 20 percent capacity in the air). Rule 403 requires the implementation of Best Available Control Measures and includes additional provisions for projects disturbing more than five acres and those disturbing more than fifty acres.
- **SCAQMD Rule 1108 (Cutback Asphalt)** prohibits the sale or use of any cutback asphalt containing more than 0.5 percent by volume organic compounds which evaporate at 260°C (500°F) or lower.

- **Rule 1113 (Architectural Coatings)** establishes maximum concentrations of VOCs in paints and other applications and establishes the thresholds for low-VOC coatings.
- **Rule 1143 (Consumer Paint Thinners and Multi-Purpose Solvents)** prohibits the supply, sale, manufacture, blend, package or repackage of any consumer paint thinner or multi-purpose solvent for use in the District unless consumer paint thinners or other multi-purpose solvents comply with applicable VOC content limits.
- **Rule 1403 (Asbestos Emissions from Demolition/Renovation Activities)** specifies work practice requirements to limit asbestos emissions from building demolitions and renovation activities, including the removal and associated disturbance of asbestos containing materials. The purpose of Rule 1403 is to protect the health and safety of the public by limiting dangerous emissions from the removal and associated disturbance of asbestos containing materials. The requirements for demolition and renovation activities include asbestos surveying, notification, asbestos containing materials removal procedures and time schedules, asbestos containing materials handling and clean-up procedures, and storage, disposal, and land filling requirements for asbestos containing waste materials.

These SCAQMD rules would serve to limit and control the proposed project's potential to emit air pollutants. As described in more detail below, the proposed project would not generate short-term or long-term emissions that exceed SCAQMD-recommended pollutant thresholds.

Regional Construction and Operational Emissions

The construction of the proposed project would include demolition, building construction, paving, and architectural coating work.

The proposed project's potential construction emissions were estimated using the California Emissions Estimator Model (CalEEMod), Version (V.) 2022.1.1. Construction phase and duration and the type and amount of equipment used during construction were generated using CalEEMod default assumptions and modified as necessary to reflect the following project-specific context, information, and details:

- The demolition of approximately 8,480 square-foot of existing building square footage was added to the model run;
- Fugitive dust control measures were incorporated into the model consistent with requirements contained in SCAQMD Rule 403, Fugitive Dust.

The proposed project's maximum daily unmitigated construction emissions are shown in Table 3, *Unmitigated Maximum Daily Regional Construction Emissions*. Refer to Attachment 1 for CalEEMod output files and detailed construction emissions assumptions.

Table 3: **Unmitigated Maximum Daily Regional Construction Emissions**

Construction Season	**Maximum Pollutant Emissions (Pounds Per Day)**					
	ROG	**NO_X**	**CO**	**SO_2**	**PM_{10}**	**$PM_{2.5}$**
Summer 2024	1.2	9.7	12.0	<0.1	0.7	0.4
Winter 2024	33.0	16.1	17.0	<0.1	3.6	2.1
SCAQMD Regional Threshold[(A)]	**75**	**100**	**550**	**150**	**150**	**55**
Exceeds Threshold?	***No***	***No***	***No***	***No***	***No***	***No***

Source: MIG, 2023 (See Attachment 1) and SCAQMD, 2023.

As shown in Table 3, the proposed project's maximum daily, unmitigated criteria air pollutant emissions would be well below the SCAQMD's recommended regional pollutant thresholds.

Project construction, therefore, would not generate criteria air pollutant emissions levels that exceed SCAQMD regional CEQA thresholds.

Once operational, the proposed project would generate long-term emissions from the following sources:

- **"Area" Sources.** The proposed project would generate emissions from small area sources, including landscaping equipment, the use of consumer products (e.g., paints, cleaners, and fertilizers) that result in the evaporation of chemicals into the atmosphere during product use.
- **Mobile Sources.** The proposed project would generate emissions from vehicles traveling to and from the project site.

The proposed project's operational emissions were also estimated using CalEEMod, V. 2022.1.1. The modeling is based on the project's first full year of operations (assumed to be 2025), using default data assumptions generated by CalEEMod, modified as necessary to reflect the following project-specific context, information, and details:

- Project-specific land use information (i.e., lot acreage, building square footage, etc.) was applied to the model;
- Project-specific weekday trip generation rates were applied to the model (Ganddini Group, 2023).
- Area Sources: Hearths were updated to be electric to reflect the project's all electric building design.
- Energy Use and Consumption: Natural gas consumption was removed and electricity annual consumption was increased using the U.S. Energy Information Administration (US EIA) energy conversion calculator to reflect the project's all electric building design. Natural gas water and space heating sources were removed since the project would be all-electric (US EIA 2023).

The proposed project's maximum daily unmitigated operational emissions are shown in Table 4, *Unmitigated Maximum Daily Regional Operational Emissions*. Please refer to Attachment 1 for CalEEMod output files and detailed construction emissions assumptions.

Table 4: **Unmitigated Maximum Daily Regional Operational Emissions**						
Emissions Source	**Maximum Daily Pollutant Emission (Pounds Per Day)[(A)]**					
	ROG	**NO_X**	**CO**	**SO_2**	**PM_{10}**	**$PM_{2.5}$**
Area Sources	1.4	<0.1	1.9	<0.1	<0.1	<0.1
Energy Demand[(B)]	0	0	0	0	0	0
Mobile Sources	0.8	0.6	6.2	<0.1	1.3	0.3
Total Daily Emissions[(C)]	2.1	0.6	8.0	<0.1	1.3	0.3
SCAQMD Regional Threshold	**55**	**55**	**550**	**150**	**150**	**55**
Exceeds Threshold?	***No***	***No***	***No***	***No***	***No***	***No***

Source: MIG, 2023 (See Attachment 1) and SCAQMD, 2023.

(A) Emissions presented are worst-case emissions and may reflect summer or winter emissions levels. Maximum daily ROG, CO, SO_2 emissions occur during the summer. Maximum daily NO_X emissions occur during the winter. In general, due to rounding, there is no difference between summer and winter PM_{10} and $PM_{2.5}$ emissions levels for the purposes of this table.

(B) Energy demand related air quality emissions estimated to be 0 due to the project being all-electric.

(C) Totals may not equal due to rounding.

As shown in Table 4, the proposed project's maximum daily, unmitigated operational criteria air pollutant emissions would be well below the SCAQMD's-recommended regional pollutant thresholds. Project operation, therefore, would not generate criteria air pollutant emissions levels that exceed SCAQMD regional CEQA thresholds.

Localized Construction and Operational Emissions

In addition to regional CEQA thresholds, the SCAQMD has also developed Local Significance Thresholds (LSTs) that represent the maximum emissions from a project that are expected to cause or contribute to an exceedance of the most stringent applicable federal or state ambient air quality standards, which would result in significant adverse localized air quality impacts.

The project's maximum daily construction emissions are compared against the SCAQMD's-recommended LSTs thresholds in Table 5, *Local Significance Threshold (LST) Construction Analysis*. Consistent with the SCAQMD's LST methodology, the emissions included in the construction LST analysis are on-site emissions only. The LST thresholds are for source receptor area (SRA) 5, the SRA in which the proposed project is located, and are conservatively based on a receptor distance of 25 meters (82 feet), the closest LST receptor distance thresholds recommended for use by the SCAQMD, and a project size of 1.0 acre. These thresholds are considered conservative because the proposed project size is approximately 1.3 acres.

Table 5: **Local Significance Threshold Construction Analysis**				
Construction Phase[A]	**Maximum Pollutant Emissions (Pounds Per Day)**			
	NO_X	**CO**	**PM_{10}**	**$PM_{2.5}$**
Demolition	16.1	17.0	1.2	0.7
Site Preparation	13.7	13.4	3.2	1.8
Grading	15.9	16.1	3.6	2.0
Building Construction	9.7	12.0	0.7	0.4
Paving	5.0	7.3	0.4	0.3
Architectural Coating	0.9	1.5	0.1	<0.1
SCAQMD LST[C]	**80**	**571**	**4**	**3**
Exceeds Threshold?	***No***	***No***	***No***	***No***

Source: MIG, 2023 (See Attachment 1) and SCAQMD, 2009.

(A) Emissions presented are worst-case emissions and may reflect summer or winter emission levels. In general, due to rounding, there is no difference between summer and winter emission levels for the purposes of this table.

(B) The LST thresholds are conservatively based on 1.0-acre project size and 25-meter receptor distance for SRA 5.

As shown in Table 5, the proposed project's construction emissions would not exceed the SCAQMD's recommended construction LSTs. Project construction, therefore, would not generate criteria air pollutant emissions levels that exceed SCAQMD local CEQA thresholds.

Typically, operations related LSTs become a concern when there are substantial on-site stationary or on-site mobile sources (e.g., heavy duty or idling trucks) that could impact surrounding receptors, which is not the case for the proposed project. Nonetheless, the proposed project's maximum daily operational emissions are compared against the SCAQMD's-recommended LSTs in Table 6, *Local Significance Threshold Operational Analysis*.

Table 6: **Local Significance Threshold Operational Analysis**				
Emissions	**Maximum On-Site Pollutant Emissions (Pounds Per Day)** (A)			
	NO_X	**CO**	**PM_{10}**	**$PM_{2.5}$**
Area Sources	<0.1	1.9	<0.1	<0.1
Energy Sources	<0.1	<0.1	<0.1	<0.1
Mobile Sources(B)	<0.1	0.1	<0.1	<0.1
Total On-site Emissions(C)	<0.1	2.0	<0.1	<0.1
SCAQMD LST(D)	**80**	**571**	**1**	**1**
Threshold Exceeded?	***No***	***No***	***No***	***No***

Source: MIG 2023 (see Attachment 1) and SCAQMD, 2009.

(A) Emissions presented are worst-case emissions and may reflect summer or winter emissions levels. In general, due to rounding, there is no difference between summer and winter emissions levels for the purposes of this table.

(B) Mobile source emissions estimates reflect potential on-site vehicle emissions only and were derived by assuming 2% of operational mobile source emissions in Table 4 will occur on site.

(C) Totals may not equal due to rounding.

(D) LST threshold values are conservatively based on a 1.0-acre project size and 25-meter (82-foot) receptor distance for SRA 5.

As shown in Table 6, the proposed project's on-site operational emissions would not exceed the SCAQMD's recommended operational LSTs. Project operation, therefore, would not generate criteria air pollutant emissions levels that exceed SCAQMD local CEQA thresholds.

Sensitive Air Quality Receptors/Health Risks

The SCAQMD identifies sensitive receptors as populations more susceptible to the effects of air pollution than the general population. Some people are more affected by air pollution than others. Sensitive air quality receptors include specific subsets of the general population that are susceptible to poor air quality and the potential adverse health effects associated with poor air quality. Both CARB and the SCAQMD consider residences, schools, parks and playgrounds, childcare centers, athletic facilities, long-term health care facilities, rehabilitation centers, convalescent centers, and retirement homes to be sensitive air quality land uses and receptors (SCAQMD 2017a; CARB 2005). The potential sensitive air quality receptors adjacent or in close proximity to the perimeter of the Project area (i.e., within 1,250 feet) include:

- The single-family residential land uses on Foster Bridge Boulevard that border or are in close proximity to the project site (the closest of which is adjacent to the northern property line);
- Other single-family residences southeast of the project along Guatemala Avenue;
- The Rio Hondo Bike Path, which is approximately 120 feet south of the project site, that runs adjacent to Bluff Road;
- Suva Elementary School, approximately 1,250 feet northwest of the project site.

In addition to criteria air pollutants, the U.S. EPA and CARB have classified certain pollutants as Hazardous Air Pollutants (HAPs) (by U.S. EPA) or Toxic Air Contaminants (TACs) (by CARB), respectively. These pollutants can cause severe health effects at very low concentrations (non-cancer effects), and many are suspected or confirmed carcinogens (i.e., can cause cancer). People exposed to HAPs/TACs at sufficient concentrations and durations may have an increased chance of getting cancer or experiencing other serious health effects. These health

effects can include damage to the immune system, as well as neurological, reproductive (e.g., reduced fertility), developmental, respiratory, and/or other health problems.

A portion of the PM_{10} and $PM_{2.5}$ emissions generated during construction of the project would be diesel particulate matter, or DPM, a known TAC. The proposed project's construction activities would not expose adjacent residential receptors to substantial levels of DPM that would pose a substantial adverse health risk for several reasons. First, the proposed project does not involve substantial earthmoving or grading activities that would require large amounts of heavy-duty equipment associated with the highest DPM emissions. This is because the proposed project site is already developed and only approximately 1.3-acres in size. Second, potential long-term adverse health risks from DPM are evaluated assuming a constant exposure to emissions over a 70-year lifetime, 24 hours a day, seven days a week, with increased risks generally associated with increased proximity to emissions sources. Since construction activities would only generate DPM emissions on an intermittent, short-term basis (lasting approximately 12 months), DPM emissions from construction activities would be unlikely to result in adverse health effects to existing sensitive receptors that exceed the SCAQMD's significance criteria.[1]

There is no current evidence to suggest the presence of asbestos containing materials in the existing church building. But if there were, demolition, removal, and transport of building materials containing asbestos containing material could result in airborne emissions of asbestos resulting in exposure of workers or the environment to a hazardous material. In accordance with Section 112 of the Federal Clean Air Act, the U.S. EPA establishes National Emission Standards for Hazardous Air Pollutants (NESHAP). If necessary, the project would comply with SCAQMD Rule 1403, which is the enforcing rule of the Asbestos NESHAP, and sets forth requirement for asbestos surveying, notification, removal procedures, and storage, disposal, and land filling requirements for asbestos containing waste materials. Compliance with SCAQMD Rule 1403 would ensure the proposed project does not expose sensitive receptors to asbestos containing material.

Conflict with or Obstruct Implementation of the Applicable Air Quality Plan

A project that conflicts with or obstructs the implementation of the South Coast Air Quality Management District's (SCAQMD) South Coast Air Basin 2022 Air Quality Management Plan (AQMP) could hinder implementation of the AQMP, delay efforts to meet attainment deadlines, and/or interfere with SCAQMD efforts to maintain compliance with, and attainment of, applicable air quality standards. Pursuant to the methodology provided in Chapter 12 of the SCAQMD *CEQA Air Quality Handbook*, consistency with the AQMP is affirmed if the project (SCAQMD, 1993):

1) Is consistent with the growth assumptions in the AQMP; and
2) Does not increase the frequency or severity of an air quality standards violation or cause a new one.

Consistency Criterion 1 refers to the growth forecasts and associated assumptions included in the 2022 AQMP. The 2022 AQMP was designed to achieve attainment for all criteria air pollutants within the Basin while still accommodating growth in the region. Projects that are consistent with the AQMP growth assumptions would not interfere with attainment of air quality standards, because this growth is included in the projections used to formulate the AQMP. The proposed project would generate approximately 33 new residential units. This would fall within

[1] The SCAQMD (2019) has established the following thresholds of significance for projects that generate TAC emissions: Maximum Incremental Cancer Risk ≥ 10 in 1 million; Cancer Burden > 0.5 excess cancer cases (in areas ≥ 1 in 1 million); Chronic & Acute Hazard Index ≥ 1.0 (project increment).

the SCAG 2020 RTP/SCS growth projections for the City of Downey (i.e., 1,500 new households and 5,900 residents between 2016 and 2045; SCAG, 2020). Therefore, the proposed project would not exceed the growth assumptions contained in the AQMP.

Consistency Criterion 2 refers to the CAAQS. In developing its CEQA significance thresholds, the SCAQMD considered the emission levels at which a project's individual emissions would be cumulatively considerable (SCAQMD, 2003; page D-3). As shown in Table 3 and Table 4, the proposed project would not generate construction or operational emissions in excess of SCAQMD criteria air pollutant thresholds. For the reasons described above, the proposed Project would not conflict with the SCAQMD 2022 AQMP.

Odors

According to the SCAQMD CEQA Air Quality Handbook, land uses associated with odor complaints include agricultural operations, wastewater treatment plants, landfills, and certain industrial operations (such as manufacturing uses that produce chemicals, paper, etc.). The proposed project does not include such sources but would result in the construction of a new townhome facility that could generate odors related to vehicle parking and refuse collection (e.g., oils, lubricants, fuel vapors, short-term waste odors). These activities would not generate sustained odors that would affect substantial numbers of people.

GHG ANALYSIS

Gases that absorb and emit infrared thermal radiation (heat) in the atmosphere and affect regulation of the Earth's temperature are known as greenhouse gases (GHGs). There are many compounds present in the Earth's atmosphere which are GHGs, including but not limited to water vapor (H_2O), carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O). GHGs allow solar radiation (sunlight) to enter the atmosphere freely. When solar radiation strikes the earth's surface, it is either absorbed by the atmosphere, land, and ocean surface, or reflected back toward space. The land and ocean surface that has absorbed solar radiation warms up and emits infrared radiation toward space. GHGs absorb some of this infrared radiation and "trap" the energy in the earth's atmosphere. Entrapment of too much infrared radiation produces an effect commonly referred to as the "greenhouse effect." Human activities since the beginning of the Industrial Revolution (approximately 1750) have increased atmospheric GHG concentrations. Average global surface temperatures have risen as a result of GHG emissions. This increase in globally averaged surface temperatures is commonly referred to as "Global Warming," although the term "Global Climate Change" is preferred because effects associated with increased GHG concentrations are not just limited to higher global temperatures.

The 1997 United Nations' Kyoto Protocol international treaty set targets for reductions in emissions of four specific GHGs – carbon dioxide, methane, nitrous oxide, and sulfur hexafluoride – and two groups of gases – hydrofluorocarbons and perfluorocarbons. These GHG are the primary GHG emitted into the atmosphere by human activities. The six most common GHG's are carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), sulfur hexafluoride, hydrofluorocarbons (HFCs), and perfluorocarbons (PFCs).

GHG emissions from human activities contribute to overall GHG concentrations in the atmosphere and the corresponding effects of global climate change (e.g., rising temperatures, increased severe weather events such as drought and flooding). GHGs can remain in the atmosphere long after they are emitted. The potential for a GHG to absorb and trap heat in the atmosphere is considered its global warming potential (GWP). The reference gas for measuring GWP is CO_2, which has a GWP of one. By comparison, CH_4 has a GWP of 25, which means that one molecule of CH_4 has 25 times the effect on global warming as one molecule of CO_2. Multiplying the estimated emissions for non-CO_2 GHGs by their GWP determines their carbon

dioxide equivalent (CO_2e), which enables a project's combined global warming potential to be expressed in terms of mass CO_2 emissions (referred to as CO_2 equivalents, or CO_2e).

In order to provide guidance to local lead agencies on determining the significance of GHG emissions in their CEQA documents, the SCAQMD convened the first GHG Significance Threshold Working Group (Working Group) meeting on April 30, 2008. To date, the Working Group has convened a total of 15 times, with the last meeting taking place on September 28, 2010. Based on the last Working Group meeting, the SCAQMD identified an interim, tiered approach for evaluating GHG emissions intent on capturing 90 percent of development projects where the SCAQMD is not the lead agency. The following describes the basic structure of the SCAQMD's tiered, interim GHG significance thresholds (SCAQMD, 2010):

- Tier 1 consists of evaluating whether or not the project qualifies for applicable CEQA exemptions.
- Tier 2 consists of determining whether or not a project is consistent with a greenhouse gas reduction plan. If a project is consistent with a greenhouse gas reduction plan, it would not have a significant impact.
- Tier 3 consists of using screening values at the discretion of the Lead Agency; however, the Lead Agency should be consistent for all projects within its jurisdiction. The following thresholds were proposed for consideration:
  - 3,000 $MTCO_2e$ per year for all land use types; or
  - 3,500 $MTCO_2e$ per year for residential; 1,400 $MTCO_2e$ per year for commercial; 3,000 $MTCO_2e$ per year for mixed use projects.
- Tier 4 has three options for projects that exceed the screening values identified in Tier 3:
  - Option 1: Reduce emissions from business-as-usual by a certain percentage (currently undefined); or
  - Option 2: Early implementation of applicable AB 32 Scoping Measures; or
  - Option 3: For plan-level analyses, analyze a project's emissions against an efficiency value of 6.6 $MTCO_2e$/year/service population by 2020 and 4.1 $MTCO_2e$/year/service population by 2035. For project-level analyses, analyze a project's emissions against an efficiency value of 4.8 and 3.0 $MTCO_2e$/year/service population for the 2020 and 2035 calendar years, respectively.

This analysis uses the SCAQMD's interim Tier 3 GHG threshold to evaluate the proposed project's GHG emissions levels.

GHG Emissions and Plan Consistency Analysis

The proposed project would generate GHG emission from both short-term construction and long-term operational activities. Construction activities would generate GHG emissions primarily from equipment fuel combustion as well as worker, vendor, and haul trips to and from the project site during demolition, building construction, paving, and architectural coating activities. Construction activities would cease to emit GHG upon completion, unlike operational emissions that would be continuous year after year until the project is decommissioned. The SCAQMD recommends amortizing construction GHG emissions over a 30-year period and combining construction emissions with operational emissions estimates. This normalizes construction emissions so that they can be grouped with operational emissions and compared to appropriate thresholds, plans, etc. Once operational, the proposed project would generate GHG emissions from area, mobile, water/wastewater, and solid waste sources.

The proposed project's construction and operational emissions were estimated CalEEMod, V. 2022.1.1, using the same default assumptions and project specific variables applied to the air quality emissions estimates. The proposed project's total GHG emissions are shown in Table 7, *Project Greenhouse Gas Emissions*.

Table 7: **Project Greenhouse Gas Emissions**	
GHG Emissions Source	**GHG Emissions (Metric Tons Per Year)**
Area	3
Energy	93
Mobile	232
Refrigerants	<1
Solid Waste	8
Water/Wastewater	4
Construction(A)	8
Total(B)	348
SCAQMD Tier 3 Screening Threshold	**3,000**
SCAQMD Tier 3 Threshold Exceeded?	***No***

Source: MIG 2023 (See Attachment 1) and SCAQMD, 2010.
(A) Construction emissions value has been averaged over a 30-year assumed project lifetime.
(B) Totals may not equal due to rounding.

As shown in Table 7, the proposed project's potential increase in GHG emissions would be below the SCAQMD's recommended GHG emissions thresholds. Furthermore, the proposed project's GHG emissions would also be below an adjusted threshold of 1,800 $MTCO_2e$ per year, which takes into account post 2020 GHG emissions targets the state is currently working towards.[2] Finally, the proposed project's estimated emissions are presented as gross emissions with no credit applied rather than the net change. For these reasons, the proposed project, therefore, would not generate GHG emissions that exceed SCAQMD CEQA thresholds.

The proposed project also would not conflict with CARB's 2022 Scoping Plan. Appendix D to CARB's *2022* Scoping Plan Update identifies potential actions that could be undertaken at a local level to support the State's climate goals. In addition to providing guidance to local lead agencies on long-term climate planning (e.g., developing a qualified climate action plan), this appendix also provides a list of key GHG reducing attributes for residential and mixed-use developments; projects that exhibit these attributes represent growth that is consistent with State's GHG reduction goals. Table 8 evaluates Project consistency with these attributes.

[2] The 1,800 $MTCO_2e$ per year goal was developed by taking the SCAQMD's Tier 3 threshold of 3,000 $MTCO_2e$ per year, which was the threshold to reduce emissions back to 1990 levels and reducing it by 40 percent (3,000 MTCO2e/yr * (1 - 0.4) = 1,800 MTCO2e/yr). This reduction is consistent with the GHG reductions required under Senate Bill 2. This linear reduction approach oversimplifies the threshold development process. The City is not adopting nor proposing to use 1,800 MTCO2e as a CEQA GHG threshold for general use; rather, it is only intended to provide additional project-specific context and information on the magnitude of the proposed project's GHG emissions.

Table 8: Project Consistency with Key GHG Reducing Attributes (2022 Scoping Plan)		
Priority Area	**Key Project Attribute**	**Project Consistency**
Transportation Electrification	Provides electric vehicle (EV) charging infrastructure that, at a minimum, meets the most ambitious voluntary standard in the California Green Building Standards Code (CalGreen Code) at the time of project approval.	*Inconsistent*. The proposed project would meet the minimum code compliance specified in the 2022 CalGreen Code.
VMT Reduction	Is located on infill sites that that are surrounded by existing urban uses and reuses or redevelops previously undeveloped or underutilized land that is presently served by existing utilities and essential public services (e.g., transit, streets, water, sewer).	*Consistent*. The proposed project would add approximately 33 units on an infill site that is served by existing utilities.
	Does not result in the loss or conversion of natural and working lands.	*Consistent.* The proposed project site is already developed; it would not result in the loss or conversion of natural or working lands.
	Consists of transit-supportive densities (minimum of 20 residential dwelling units per acre), <u>or</u> Is in proximity to existing transit stops (within a half mile), <u>or</u> Satisfies more detailed and stringent criteria specified in the region's SCS.	*Consistent*. The proposed project would result in a development intensity of approximately 25.4 dwelling units per acre, which meets the criteria.
	Reduces parking requirements by: • Eliminating parking requirements or including maximum allowable parking ratios (i.e., the ratio of parking spaces to residential units or square feet), <u>or</u> • Providing residential parking supply at a ratio of less than one parking space per dwelling unit, <u>or</u> • For multifamily residential development, requiring parking costs to be unbundled from costs to rent or own a residential unit.	*Inconsistent*. The proposed project would not incorporate parking reduction.
	At least 20 percent of units included are affordable to lower-income residents.	*Inconsistent*. The proposed project would not designate units as affordable to lower-income residents.
	Results in no net loss of existing affordable units.	*Consistent*. The proposed project would not result in the net loss of existing affordable units.

Table 8: Project Consistency with Key GHG Reducing Attributes (2022 Scoping Plan)		
Priority Area	**Key Project Attribute**	**Project Consistency**
Building Decarbonization	Uses all-electric appliances without any natural gas connections and does not use propone or other fossil fuels for space heating, water heating, or indoor cooking.	*Consistent*. The proposed project would be an all-electric design. The project would not include natural gas plumbing nor use fossil fuels for space heating, water heating, or indoor cooking.
Source: CARB 2022, Appendix D Table 3; and TAG 2023		

As shown in Table 8 the proposed project would be consistent with most of the Key GHG Reducing Attributes identified in the *2022 Scoping Plan*, except for electric vehicle infrastructure, parking reductions, and low income housing provisions. This inconsistency does not necessarily imply that the project would result in a potentially significant impact, because consistency with the project attributes is simply a qualitative means by which to assess whether or not a project would *clearly* be consistent with the State's climate goals (CARB 2022, pg. 23). In fact, Appendix D to the *2022 Scoping Plan* provides that, "Lead agencies may determine, with adequate additional supporting evidence, that projects that incorporate some, but not all, of the key project attributes are consistent with the State's climate goals" (CARB 2022, pgs. 23 and 24). The proposed project would provide some VMT reductions because it would be located on an infill site, not result in the loss of natural or working lands, and have transit-supportive densities (i.e., greater than 20 dwelling units per acre), , and would not install, nor use, natural gas or fossil fuels for space heating, water heating, or indoor cooking. Therefore, based on these qualitative criteria and the magnitude of the project's overall GHG emissions levels (less than 350 metric tons of CO2e per year), the growth proposed by the project would be consistent with the State's long-term GHG emission reduction goals.

As described above, the proposed project would not result in significant GHG emissions nor conflict with an applicable plan, policy, or regulation adopted for the purposes of reducing GHG emissions.

ENERGY ANALYSIS

The proposed project consists of the construction of a 33-unit residential townhome community. Construction activities associated with the proposed project would require the use of heavy-duty, off-road equipment and construction-related vehicle trips that would combust fuel, primarily diesel and gasoline. Heavy-duty construction equipment would be required to comply with CARB's airborne toxic control measures, which restrict heavy-duty diesel vehicle idling to five minutes. It is estimated that construction activities would consume approximately 19,871 gallons of diesel fuel to power on-site, off-road heavy-duty construction equipment. Worker, vendor, and haul truck trips during construction activities are anticipated to consume approximately 3,802 gallons of gasoline, 1,137 gallons of diesel, and 894 kWh of electricity.

Once operational, the proposed project would consume energy for vehicle trips, electricity and water and wastewater conveyance. As estimated using CalEEMod, the proposed project would consume approximately 396 megawatt-hours (mWh) per year (combined building and mobile sources). The proposed project would also consume approximately 3,804 gallons of diesel and approximately 23,191 gallons of gasoline from operational mobile sources (see Attachment 3).

The proposed project would not consume natural gas as no gas service would be provided. Electricity and gasoline fuel consumption are energy sources necessary to operate and maintain the proposed project in a safe manner. Lighting is essential for safety and security and, due to the all-electric design of the building, electricity consumption is needed for heating, cooking, and other temperature-controlled activities. Due to energy efficiency standards being improved over time, the new structures would be more efficient in its energy consumption than the existing

structures. In addition, the proposed project includes the use of solar photovoltaic (PV) panels to be provided on all townhomes.

The proposed project would not conflict with or obstruct a state or local plan adopted for the purposes of increasing the amount of renewable energy or energy efficiency because no such plan is in place in the project area.

As discussed above, the proposed project would be built to the latest CALGreen Code and would be more energy efficient than the existing structures at the site and would not conflict with or obstruct a state or local plan for renewable energy. For these reasons, the proposed project would not result in the wasteful, inefficient, or unnecessary use of energy resources.

CONCLUSION

As described in this memo, the proposed Project would not exceed any applicable SCAQMD-recommended CEQA thresholds of significance and is consistent with all applicable air quality, GHG, and energy plans, policies and regulations adopted for the purposes of reducing air quality impacts, GHG emissions, and/or energy consumption impacts. The proposed project, therefore, would not result in substantial adverse air quality, GHG, or energy-related effects on the environment.

REFERENCES

The following references were used to prepare this memorandum:

Ganddini Group 2023. *7360 Foster Bridge Residential Project Traffic and Circulation Analysis Scoping Agreement*. August 9, 2023.

South Coast Air Quality Management District (SCAQMD) 1993. Air Quality Analysis Handbook. Diamond Bar, CA. 1993. Available online at: <http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook>

_____2009. *Mass Rate LST Lookup Table*. Diamond Bar, CA. October 2009. Available online at: <http://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook/localized-significance-thresholds>

_____2010. Minutes for the GHG CEQA Significance Threshold Stakeholder Working Group #15. Diamond Bar, CA. September 28, 2010. Available online 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>

_____2018. *National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS) Attainment Status for South Coast Air Basin.* Diamond Bar, CA. September 2018. Available online at: <http://www.aqmd.gov/home/air-quality/clean-air-plans>

_____2022. *South Coast Air Quality Management District 2022 Air Quality Management Plan*. December 2, 2022. Available online at: http://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan

_____2023. *South Coast AQMD Air Quality Significance Thresholds.* Diamond Bar, CA. March 2023. Available online at: https://www.aqmd.gov/docs/default-source/ceqa/handbook/south-coast-aqmd-air-quality-significance-thresholds.pdf?sfvrsn=25

Southern California Association of Governments (SCAG) 2020. Current Context Demographics and Growth Forecast Technical Report. September 3, 2020.

https://scag.ca.gov/sites/main/files/file-attachments/0903fconnectsocal_demographics-and-growth-forecast.pdf?1606001579

U.S. Energy Information Administration (US EIA). 2023. Energy conversion calculators. Last updated June 16, 2023. Available online at: https://www.eia.gov/energyexplained/units-and-calculators/energy-conversion-calculators.php

Attachment 1

CalEEMOD Project File Outputs

This page was intentionally left blank.

Downey 7360 Foster Bridge Blvd Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

3.3. Site Preparation (2024) - Unmitigated

3.5. Grading (2024) - Unmitigated

3.7. Building Construction (2024) - Unmitigated

3.9. Paving (2024) - Unmitigated

3.11. Architectural Coating (2024) - Unmitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Downey 7360 Foster Bridge Blvd
Construction Start Date	1/1/2024
Operational Year	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.2
Location	33.96595005093833, -118.13657187984812
County	Los Angeles-South Coast
City	Downey
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4145
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.19

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description

Condo/Townhouse	33.0	Dwelling Unit	0.68	51,234	6,958	0.00	98.0	—
Other Asphalt Surfaces	0.62	Acre	0.62	0.00	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.49	1.24	9.69	12.0	0.02	0.37	0.34	0.71	0.34	0.08	0.42	—	2,250	2,250	0.09	0.04	1.63	2,267
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.01	33.0	16.1	17.0	0.03	0.74	2.89	3.64	0.68	1.37	2.05	—	3,007	3,007	0.13	0.08	0.04	3,034
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.98	1.72	6.62	7.87	0.01	0.26	0.26	0.52	0.24	0.07	0.31	—	1,468	1,468	0.06	0.03	0.44	1,479
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.18	0.31	1.21	1.44	< 0.005	0.05	0.05	0.10	0.04	0.01	0.06	—	243	243	0.01	< 0.005	0.07	245

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.49	1.24	9.69	12.0	0.02	0.37	0.34	0.71	0.34	0.08	0.42	—	2,250	2,250	0.09	0.04	1.63	2,267
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	2.01	33.0	16.1	17.0	0.03	0.74	2.89	3.64	0.68	1.37	2.05	—	3,007	3,007	0.13	0.08	0.04	3,034
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.98	1.72	6.62	7.87	0.01	0.26	0.26	0.52	0.24	0.07	0.31	—	1,468	1,468	0.06	0.03	0.44	1,479
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.18	0.31	1.21	1.44	< 0.005	0.05	0.05	0.10	0.04	0.01	0.06	—	243	243	0.01	< 0.005	0.07	245

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.00	2.11	0.57	8.03	0.01	0.01	1.25	1.26	0.01	0.32	0.33	15.6	2,171	2,186	1.68	0.07	5.59	2,254
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.81	1.93	0.60	5.70	0.01	0.01	1.25	1.26	0.01	0.32	0.33	15.6	2,106	2,122	1.68	0.07	0.50	2,186
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.93	2.04	0.62	7.12	0.01	0.01	1.24	1.25	0.01	0.31	0.32	15.6	1,966	1,982	1.67	0.07	2.62	2,047

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.17	0.37	0.11	1.30	< 0.005	< 0.005	0.23	0.23	< 0.005	0.06	0.06	2.57	326	328	0.28	0.01	0.43	339

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.82	0.75	0.55	6.16	0.01	0.01	1.25	1.26	0.01	0.32	0.33	—	1,422	1,422	0.07	0.06	5.22	1,446
Area	0.18	1.36	0.02	1.87	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	176	176	0.01	< 0.005	—	177
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	560	560	0.03	< 0.005	—	562
Water	—	—	—	—	—	—	—	—	—	—	—	2.36	13.1	15.5	0.24	0.01	—	23.3
Waste	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.32	0.00	—	46.2
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.37	0.37
Total	1.00	2.11	0.57	8.03	0.01	0.01	1.25	1.26	0.01	0.32	0.33	15.6	2,171	2,186	1.68	0.07	5.59	2,254
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.81	0.74	0.60	5.70	0.01	0.01	1.25	1.26	0.01	0.32	0.33	—	1,362	1,362	0.08	0.06	0.14	1,382
Area	0.00	1.19	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	171	171	0.01	< 0.005	—	172
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	560	560	0.03	< 0.005	—	562
Water	—	—	—	—	—	—	—	—	—	—	—	2.36	13.1	15.5	0.24	0.01	—	23.3
Waste	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.32	0.00	—	46.2
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.37	0.37
Total	0.81	1.93	0.60	5.70	0.01	0.01	1.25	1.26	0.01	0.32	0.33	15.6	2,106	2,122	1.68	0.07	0.50	2,186
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	0.81	0.73	0.60	5.85	0.01	0.01	1.24	1.25	0.01	0.31	0.32	—	1,378	1,378	0.07	0.06	2.25	1,400
Area	0.12	1.30	0.01	1.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	15.2	15.2	< 0.005	< 0.005	—	15.2
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	560	560	0.03	< 0.005	—	562
Water	—	—	—	—	—	—	—	—	—	—	—	2.36	13.1	15.5	0.24	0.01	—	23.3
Waste	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.32	0.00	—	46.2
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.37	0.37
Total	0.93	2.04	0.62	7.12	0.01	0.01	1.24	1.25	0.01	0.31	0.32	15.6	1,966	1,982	1.67	0.07	2.62	2,047
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.15	0.13	0.11	1.07	< 0.005	< 0.005	0.23	0.23	< 0.005	0.06	0.06	—	228	228	0.01	0.01	0.37	232
Area	0.02	0.24	< 0.005	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	2.51	2.51	< 0.005	< 0.005	—	2.52
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	92.7	92.7	0.01	< 0.005	—	93.0
Water	—	—	—	—	—	—	—	—	—	—	—	0.39	2.17	2.56	0.04	< 0.005	—	3.86
Waste	—	—	—	—	—	—	—	—	—	—	—	2.18	0.00	2.18	0.22	0.00	—	7.64
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06	0.06
Total	0.17	0.37	0.11	1.30	< 0.005	< 0.005	0.23	0.23	< 0.005	0.06	0.06	2.57	326	328	0.28	0.01	0.43	339

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

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

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

Off-Road Equipment	1.92	1.61	15.6	16.0	0.02	0.67	—	0.67	0.62	—	0.62	—	2,494	2,494	0.10	0.02	—	2,502
Demolition	—	—	—	—	—	—	0.26	0.26	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.85	0.88	< 0.005	0.04	—	0.04	0.03	—	0.03	—	137	137	0.01	< 0.005	—	137
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	22.6	22.6	< 0.005	< 0.005	—	22.7
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.07	0.80	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	167	167	0.01	0.01	0.02	169
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	0.01	0.45	0.17	< 0.005	< 0.005	0.09	0.10	< 0.005	0.02	0.03	—	346	346	0.02	0.06	0.02	363
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.30	9.30	< 0.005	< 0.005	0.02	9.43
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	18.9	18.9	< 0.005	< 0.005	0.02	19.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.54	1.54	< 0.005	< 0.005	< 0.005	1.56
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.13	3.13	< 0.005	< 0.005	< 0.005	3.29

3.3. Site Preparation (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.70	1.43	13.7	12.9	0.02	0.65	—	0.65	0.59	—	0.59	—	2,064	2,064	0.08	0.02	—	2,071
Dust From Material Movement	—	—	—	—	—	—	2.44	2.44	—	1.17	1.17	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.3	11.3	< 0.005	< 0.005	—	11.3

Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.87	1.87	< 0.005	< 0.005	—	1.88
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.04	0.48	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	100	100	< 0.005	< 0.005	0.01	102
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.56	0.56	< 0.005	< 0.005	< 0.005	0.57
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.09	0.09	< 0.005	< 0.005	< 0.005	0.09
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.96	1.65	15.9	15.4	0.02	0.74	—	0.74	0.68	—	0.68	—	2,454	2,454	0.10	0.02	—	2,462
Dust From Material Movement	—	—	—	—	—	—	2.76	2.76	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.17	0.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	26.9	26.9	< 0.005	< 0.005	—	27.0
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.45	4.45	< 0.005	< 0.005	—	4.47

Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.06	0.64	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	134	134	0.01	< 0.005	0.01	135
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.49	1.49	< 0.005	< 0.005	< 0.005	1.51
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.25	0.25	< 0.005	< 0.005	< 0.005	0.25
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Building Construction (2024) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.36	1.13	9.44	10.1	0.02	0.37	—	0.37	0.34	—	0.34	—	1,801	1,801	0.07	0.01	—	1,807
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.36	1.13	9.44	10.1	0.02	0.37	—	0.37	0.34	—	0.34	—	1,801	1,801	0.07	0.01	—	1,807
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.75	0.62	5.17	5.54	0.01	0.20	—	0.20	0.19	—	0.19	—	987	987	0.04	0.01	—	990
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.94	1.01	< 0.005	0.04	—	0.04	0.03	—	0.03	—	163	163	0.01	< 0.005	—	164
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.11	1.79	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	335	335	0.01	0.01	1.32	341
Vendor	0.01	< 0.005	0.13	0.07	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	114	114	< 0.005	0.02	0.31	119
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.13	1.51	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	318	318	0.01	0.01	0.03	322
Vendor	0.01	< 0.005	0.14	0.07	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	114	114	< 0.005	0.02	0.01	119
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.07	0.87	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	177	177	0.01	0.01	0.31	179
Vendor	< 0.005	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	62.4	62.4	< 0.005	0.01	0.07	65.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.16	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.3	29.3	< 0.005	< 0.005	0.05	29.7
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.3	10.3	< 0.005	< 0.005	0.01	10.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Paving (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.63	0.53	4.90	6.53	0.01	0.23	—	0.23	0.21	—	0.21	—	992	992	0.04	0.01	—	995
Paving	—	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.13	0.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	27.2	27.2	< 0.005	< 0.005	—	27.3
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.50	4.50	< 0.005	< 0.005	—	4.51
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.07	0.80	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	167	167	0.01	0.01	0.02	169
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.65	4.65	< 0.005	< 0.005	0.01	4.71
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.77	0.77	< 0.005	< 0.005	< 0.005	0.78

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

3.11. Architectural Coating (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.91	1.15	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	32.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.66	3.66	< 0.005	< 0.005	—	3.67
Architectural Coatings	—	0.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.61	0.61	< 0.005	< 0.005	—	0.61

Architect Coatings	—	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.03	0.30	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	63.6	63.6	< 0.005	< 0.005	0.01	64.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.77	1.77	< 0.005	< 0.005	< 0.005	1.79
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.29	0.29	< 0.005	< 0.005	< 0.005	0.30
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	0.82	0.75	0.55	6.16	0.01	0.01	1.25	1.26	0.01	0.32	0.33	—	1,422	1,422	0.07	0.06	5.22	1,446
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.82	0.75	0.55	6.16	0.01	0.01	1.25	1.26	0.01	0.32	0.33	—	1,422	1,422	0.07	0.06	5.22	1,446
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	0.81	0.74	0.60	5.70	0.01	0.01	1.25	1.26	0.01	0.32	0.33	—	1,362	1,362	0.08	0.06	0.14	1,382
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.81	0.74	0.60	5.70	0.01	0.01	1.25	1.26	0.01	0.32	0.33	—	1,362	1,362	0.08	0.06	0.14	1,382
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	0.15	0.13	0.11	1.07	< 0.005	< 0.005	0.23	0.23	< 0.005	0.06	0.06	—	228	228	0.01	0.01	0.37	232
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.15	0.13	0.11	1.07	< 0.005	< 0.005	0.23	0.23	< 0.005	0.06	0.06	—	228	228	0.01	0.01	0.37	232

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	—	560	560	0.03	< 0.005	—	562
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	560	560	0.03	< 0.005	—	562
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	—	560	560	0.03	< 0.005	—	562
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	560	560	0.03	< 0.005	—	562
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	—	92.7	92.7	0.01	< 0.005	—	93.0
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	92.7	92.7	0.01	< 0.005	—	93.0

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	171	171	0.01	< 0.005	—	172
Consumer Products	—	1.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.18	0.17	0.02	1.87	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.01	5.01	< 0.005	< 0.005	—	5.02
Total	0.18	1.36	0.02	1.87	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	176	176	0.01	< 0.005	—	177
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	171	171	0.01	< 0.005	—	172
Consumer Products	—	1.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.00	1.19	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	171	171	0.01	< 0.005	—	172
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	1.94	1.94	< 0.005	< 0.005	—	1.95
Consumer Products	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.02	0.02	< 0.005	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.57	0.57	< 0.005	< 0.005	—	0.57
Total	0.02	0.24	< 0.005	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	2.51	2.51	< 0.005	< 0.005	—	2.52

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	2.36	13.1	15.5	0.24	0.01	—	23.3
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.36	13.1	15.5	0.24	0.01	—	23.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	2.36	13.1	15.5	0.24	0.01	—	23.3
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.36	13.1	15.5	0.24	0.01	—	23.3

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	0.39	2.17	2.56	0.04	< 0.005	—	3.86
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.39	2.17	2.56	0.04	< 0.005	—	3.86

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.32	0.00	—	46.2
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.32	0.00	—	46.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.32	0.00	—	46.2
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.32	0.00	—	46.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	2.18	0.00	2.18	0.22	0.00	—	7.64
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.18	0.00	2.18	0.22	0.00	—	7.64

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.37	0.37
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.37	0.37
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.37	0.37
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.37	0.37
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06	0.06
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06	0.06

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	1/1/2024	1/29/2024	5.00	20.0	—
Site Preparation	Site Preparation	1/30/2024	2/1/2024	5.00	2.00	—
Grading	Grading	2/2/2024	2/7/2024	5.00	4.00	—
Building Construction	Building Construction	2/8/2024	11/14/2024	5.00	200	—
Paving	Paving	11/15/2024	11/29/2024	5.00	10.0	—
Architectural Coating	Architectural Coating	11/30/2024	12/14/2024	5.00	10.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Demolition	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Site Preparation	Graders	Diesel	Average	1.00	8.00	148	0.41

Site Preparation	Tractors/Loaders/Backh	Diesel	Average	1.00	8.00	84.0	0.37
Site Preparation	Rubber Tired Dozers	Diesel	Average	1.00	7.00	367	0.40
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backh oes	Diesel	Average	2.00	7.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	6.00	367	0.29
Building Construction	Forklifts	Diesel	Average	1.00	6.00	82.0	0.20
Building Construction	Tractors/Loaders/Backh oes	Diesel	Average	1.00	6.00	84.0	0.37
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Welders	Diesel	Average	3.00	8.00	46.0	0.45
Paving	Tractors/Loaders/Backh oes	Diesel	Average	1.00	8.00	84.0	0.37
Paving	Cement and Mortar Mixers	Diesel	Average	1.00	6.00	10.0	0.56
Paving	Pavers	Diesel	Average	1.00	6.00	81.0	0.42
Paving	Rollers	Diesel	Average	1.00	7.00	36.0	0.38
Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	12.5	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	4.90	20.0	HHDT

Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	23.8	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	3.53	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	12.5	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	4.75	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	103,749	34,583	0.00	0.00	1,620

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Ton of Debris)	Material Exported (Ton of Debris)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	8,480	—
Site Preparation	0.00	0.00	1.88	0.00	—
Grading	0.00	0.00	4.00	0.00	—
Paving	0.00	0.00	0.00	0.00	0.62

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt

Condo/Townhouse	—	0%
Other Asphalt Surfaces	0.62	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	532	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Condo/Townhouse	222	222	222	81,063	1,767	1,767	1,767	644,812
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Condo/Townhouse	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	30
No Fireplaces	3

Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
103748.84999999999	34,583	0.00	0.00	1,620

5.10.3. Landscape Equipment

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Condo/Townhouse	383,957	532	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	532	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)

Condo/Townhouse	1,230,035	119,268
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Condo/Townhouse	24.5	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Condo/Townhouse	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Condo/Townhouse	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

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

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	11.7	annual days of extreme heat
Extreme Precipitation	4.95	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

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

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	51.0

AQ-PM	87.7
AQ-DPM	66.4
Drinking Water	61.0
Lead Risk Housing	66.3
Pesticides	0.00
Toxic Releases	88.7
Traffic	93.3
Effect Indicators	—
CleanUp Sites	90.1
Groundwater	76.6
Haz Waste Facilities/Generators	91.7
Impaired Water Bodies	72.2
Solid Waste	87.9
Sensitive Population	—
Asthma	31.7
Cardio-vascular	52.9
Low Birth Weights	61.0
Socioeconomic Factor Indicators	—
Education	64.5
Housing	2.79
Linguistic	65.6
Poverty	23.7
Unemployment	44.4

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract

Economic	—
Above Poverty	86.79584242
Employed	89.04144745
Median HI	78.32670345
Education	—
Bachelor's or higher	58.10342615
High school enrollment	27.10124471
Preschool enrollment	56.94854356
Transportation	—
Auto Access	90.86359553
Active commuting	47.59399461
Social	—
2-parent households	94.75170024
Voting	36.36596946
Neighborhood	—
Alcohol availability	56.85871936
Park access	56.01180547
Retail density	67.40664699
Supermarket access	50.87899397
Tree canopy	43.5262415
Housing	—
Homeownership	75.05453612
Housing habitability	80.29000385
Low-inc homeowner severe housing cost burden	61.14461696
Low-inc renter severe housing cost burden	91.28705248
Uncrowded housing	39.5996407
Health Outcomes	—

Insured adults	21.95560118
Arthritis	61.9
Asthma ER Admissions	67.4
High Blood Pressure	72.3
Cancer (excluding skin)	40.8
Asthma	86.2
Coronary Heart Disease	47.4
Chronic Obstructive Pulmonary Disease	76.7
Diagnosed Diabetes	44.3
Life Expectancy at Birth	77.6
Cognitively Disabled	62.4
Physically Disabled	83.0
Heart Attack ER Admissions	47.4
Mental Health Not Good	66.0
Chronic Kidney Disease	45.1
Obesity	51.2
Pedestrian Injuries	40.7
Physical Health Not Good	53.6
Stroke	64.5
Health Risk Behaviors	—
Binge Drinking	38.6
Current Smoker	76.6
No Leisure Time for Physical Activity	57.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	45.9

Elderly	38.5
English Speaking	61.8
Foreign-born	60.3
Outdoor Workers	60.3
Climate Change Adaptive Capacity	—
Impervious Surface Cover	39.1
Traffic Density	93.2
Traffic Access	58.1
Other Indices	—
Hardship	36.2
Other Decision Support	—
2016 Voting	39.9

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	75.0
Healthy Places Index Score for Project Location (b)	75.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Updated lot acreage and building square feet based on site plan 5/10/23.
Operations: Vehicle Data	Updated trip rates based on Memorandum of Understanding prepared by Ganddini Group 8/9/23.
Operations: Hearths	Updated hearths to be electric based on all electric building design.
Operations: Energy Use	Updated electricity and natural gas annual consumption based on all electric building design. Assumed conversion factor 1 kWh = 3,412 Btu.

This page was intentionally left blank.

Attachment 2

Energy Calculations

This page was intentionally left blank.

7360 Foster Bridge Boulevard (Downey)

Air Quality Construction Emissions Estimates and Transportation Energy Calculations
Prepared by: MIG, Inc.
September 2023

Contents:

Sheet 1: Summary of Energy Consumption
Sheet 2: Construction On-site Fuel Consumption Estimates
Sheet 3: Construction Off-site Fuel Consumption Estimates
Sheet 4: Operational Fuel Efficiency
Sheet 5: Raw EMFAC2021 (v1.0.2) Emissions Inventory for Los Angeles County (2025)

Sheet 1: Summary of Energy Consumption

Table 1-1: Off-Road Equipment Fuel Consumption

Year	Diesel Fuel Consumed (Gal)	Gasoline Fuel Consumed (Gal)	Electricity Consumed (kWh)
Off-Road Equipment	19,871	--	--
On-Road Equipment	1,137	3,802	894
Total	21,009	3,802	894

Table 1-2: Operational Vehicle Fuel Consumption

Operational Estimates	Diesel Fuel Consumed (Gal)	Gasoline Fuel Consumed (Gal)	Electricity Consumed (kW)
Mobile Sources	3,804	23,191	11,849
Based on Annual VMT of:	644,812		

Table 1-3: Operational Energy Consumption (Building)

Land Use	Electricity (kWh/yr)
Condo/Townhouse	383,957
Other Asphalt Surfaces	-
Total	383,957

Table 1-4: Total Operational Energy Consumption

Source	Diesel Fuel Consumed (Gal)	Gasoline Fuel Consumed (Gal)	Electricity Consumed (kW)
Mobile Source	3,804	23,191	11,849
Building	0	0	383,957
Total	3,804	23,191	395,806

Sheet 2: Construction On-site Fuel Consumption Estimations

Phase	Days	Equipment	# of Pieces	Hr/Day	Horsepower	Load Factor	Runtime (bhp-hr)	Consumption (bhp-hr/gal)[1]	Gallons of Diesel
Demolition	20	Tractors/Loaders/Backhoes	3	8	84	0.37	14,918	18.5	806
		Rubber Tired Dozer	1	8	367	0.40	23,488		1,270
		Concrete/Industrial Saw	1	8	33	0.73	3,854		208
Site Preparation	2	Grader	1	8	148	0.41	971		52
		Tractors/Loaders/Backhoes	1	8	84	0.37	497		27
		Rubber Tired Dozer	1	8	367	0.40	2,349		127
Grading	4	Grader	1	8	148	0.41	1,942		105
		Rubber Tired Dozer	1	8	367	0.40	4,698		254
		Tractors/Loaders/Backhoes	2	7	84	0.37	1,740		94
Building Construction	200	Cranes	1	6	367	0.29	127,716		6,904
		Tractors/Loaders/Backhoes	1	6	84	0.37	37,296		2,016
		Forklifts	1	6	82	0.20	19,680		1,064
		Generator	1	8	14	0.74	16,576		896
		Welders	3	8	46	0.45	99,360		5,371
Paving	18	Cement and Mortar Mixers	1	6	10	0.56	605		33
		Pavers	1	6	81	0.42	3,674		199
		Paving Equipment	1	8	89	0.36	4,614		249
		Rollers	1	7	36	0.38	1,724		93
Architectural Coating	18	Air Compressors	1	6	37	0.48	1,918		104
								Total	19,871

[1] The Carl Moyer Program Guidelines 2017 Revisions. Table D-21. Approved by the Board April 27, 2017.

Sheet 3: Construction Off-site Fuel Consumption Estimates

Phase	Days	Number of Trips	Dist (mi)	Total VMT	Vehicle Class	Percent of Workers by Vehcile Class	Gasoline Average Fuel Economy (MPG)	Gasoline Fuel Split	Gasoline Fuel Consumption by Class (gal)	Diesel Average Fuel Economy (MPG)	Diesel Fuel Split	Diesel Fuel Consumption by Class (gal)	Electricity Average Economy (mi/kWh)	Electric Split	Electricity Consumption by Class (kWh)	Hybrid Average Economy (mi/kWh)	Hybrid Average Economy (mi/gal)	Hybrid Split	Hybrid Consumption by Class (kWh)	Hybrid Consumption by Class (gal)	Gasoline Fuel Consumption by Phase (gal)	Diesel Fuel Consumption by Phase (gal)	Electricity Consumption by Phase (kWh)
Worker Trips																							
Demolition	20	12.5	18.5	4625	LDA	0.25	29.6	91.63%	36	40.8	0.23%	0.1	2.59	5.38%	24.0	6.4	57.1	2.76%	5.0	0.6	175.3	0.2	38.6
					LDT1	0.50	24.7	99.41%	93	23.1	0.04%	0.0	2.59	0.34%	3.0	5.8	63.1	0.22%	0.9	0.1			
					LDT2	0.25	24.4	97.83%	46	32.2	0.32%	0.1	2.59	0.86%	3.8	6.1	60.1	1.00%	1.9	0.2			
Site Preparation	2	7.5	18.5	277.5	LDA	0.25	29.6	91.63%	2	40.8	0.2%	0.0	2.59	5.38%	1.4	6.4	57.1	2.76%	0.3	0.0	10.5	0.0	2.3
					LDT1	0.50	24.7	99.41%	6	23.1	0.04%	0.0	2.59	0.34%	0.2	5.8	63.1	0.22%	0.1	0.0			
					LDT2	0.25	24.4	97.83%	3	32.2	0.3%	0.0	2.59	0.86%	0.2	6.1	60.1	1.00%	0.1	0.0			
Grading	4	10	18.5	740	LDA	0.25	29.6	91.6%	6	40.8	0.2%	0.0	2.59	5.38%	3.8	6.4	57.1	2.76%	0.8	0.1	28.0	0.0	6.2
					LDT1	0.50	24.7	99.4%	15	23.1	0.04%	0.0	2.59	0.34%	0.5	5.8	63.1	0.22%	0.1	0.0			
					LDT2	0.25	24.4	97.8%	7	32.2	0.3%	0.0	2.59	0.86%	0.6	6.1	60.1	1.00%	0.3	0.0			
Building Construction	200	23.8	18.5	88060	LDA	0.25	29.6	91.6%	681	40.8	0.2%	1.2	2.59	5.38%	457.6	6.4	57.1	2.76%	95.3	10.6	3,337.8	4.1	735.3
					LDT1	0.50	24.7	99.4%	1,773	23.1	0.04%	0.7	2.59	0.34%	57.0	5.8	63.1	0.22%	16.4	1.5			
					LDT2	0.25	24.4	97.8%	884	32.2	0.3%	2.2	2.59	0.86%	72.7	6.1	60.1	1.00%	36.3	3.7			
Paving	10	12.5	18.5	2312.5	LDA	0.25	29.6	91.6%	18	40.8	0.2%	0.0	2.59	5.38%	12.0	6.4	57.1	2.76%	2.5	0.3	87.7	0.1	19.3
					LDT1	0.50	24.7	99.4%	47	23.1	0.04%	0.0	2.59	0.34%	1.5	5.8	63.1	0.22%	0.4	0.0			
					LDT2	0.25	24.4	97.8%	23	32.2	0.3%	0.1	2.59	0.86%	1.9	6.1	60.1	1.00%	1.0	0.1			
Architectural Coating	10	4.75	18.5	878.75	LDA	0.25	29.6	91.6%	7	40.8	0.2%	0.0	2.59	5.38%	4.6	6.4	57.1	2.76%	1.0	0.1	33.3	0.0	7.3
					LDT1	0.50	24.7	99.4%	18	23.1	0.04%	0.0	2.59	0.34%	0.6	5.8	63.1	0.22%	0.2	0.0			
					LDT2	0.25	24.4	97.8%	9	32.2	0.3%	0.0	2.59	0.86%	0.7	6.1	60.1	1.00%	0.4	0.0			
Sub-Total Worker Trips Energy Consumption							Gasoline (gal)		3,672.6	Diesel (gal)		4.5	Electricity (kWh)		646.2	Hybrid (kWh; gal of gasoline)			162.8	17.4	3,672.6	4.5	809.0
Vendor Trips																							
Building Construction	200	3.53	10.2	7201.2	MHDT	0.5	5.2	18.6%	128	9.0	79.51%	320	0.96	0.73%	27.46	--	--	--	--	--	128.6	846.2	64.8
					HHDT	0.5	4.1	0.1%	0.53	6.1	89.68%	526	0.56	0.58%	37.32	--	--	--	--	--			
Sub-Total Vendor Trips Energy Consumption							Gasoline (gal)		128.6	Diesel (gal)		846.2	Electricity (kWh)		64.8	--	--	--	--	--	129	846	65
Hauling Trips																							
Demolition	20	4.9	20	1960	HHDT	1.0	4.1	0.06%	0.3	6.1	89.68%	287	0.6	0.58%	20.32	--	--	--	--	--	0.3	287	20.32
Sub-Total Haul Trips Energy Consumption							Gasoline (gal)		0.291	Diesel (gal)		286.6	Electricity (kWh)		20	--	--	--	--	--	0.3	287	20
Total On-Road Construction Trips Genergy Usage								**Gasoline (gal)**	**3,802**		**Diesel (gal)**	**1,137**		**Electricity (kWh)**	**894**								

Sheet 4: Average Fuel Efficiency - Los Angeles County

EMFAC2021 Los Angeles County Fuel Efficiency Estimates for 2025

Table 1: 2025 Los Angeles County Average Vehicle Fuel Efficiency (Gasoline)

Vehicle Class	Population	Vehicle Miles Travelled Per Day	Gallons Per Day	Miles Per Gallon
HHDT	38.05	2,751.39	663.40	4.15
LDA	3,437,910.93	134,236,067.87	4,538,396.08	29.58
LDT1	314,154.81	11,460,501.61	464,196.61	24.69
LDT2	1,639,958.46	67,471,877.16	2,766,495.91	24.39
LHDT1	126,376.08	5,050,030.71	365,057.86	13.83
LHDT2	19,233.99	720,176.21	59,756.95	12.05
MCY	154,401.15	1,011,349.12	24,450.26	41.36
MDV	982,270.06	37,451,385.03	1,885,979.21	19.86
MH	15,450.11	154,665.78	31,923.55	4.84
MHDT	14,499.00	795,156.39	152,437.67	5.22
OBUS	3,624.48	141,502.82	27,834.50	5.08
SBUS	1,458.98	67,167.50	7,438.11	9.03
UBUS	434.39	30,651.98	6,643.78	4.61
TOTAL	6,709,810.49	258,593,283.58	10,331,273.88	25.03

Table 2: 2025 Los Angeles County Average Vehicle Fuel Efficiency (Diesel)

Vehicle Class	Population	Vehicle Miles Travelled Per Day	Gallons Per Day	Miles Per Gallon
HHDT	55,407.54	6,966,404.12	1,135,884.12	6.13
LDA	8,388.61	246,778.38	6,052.72	40.77
LDT1	110.67	2,175.90	94.18	23.10
LDT2	5,270.98	227,598.88	7,061.30	32.23
LHDT1	60,972.67	2,684,490.85	130,343.56	20.60
LHDT2	27,705.40	1,195,933.13	68,740.96	17.40
MCY	0.00	0.00	0.00	0.00
MDV	11,358.20	442,895.33	18,411.21	24.06
MH	5,805.21	61,011.78	6,117.79	9.97
MHDT	62,117.65	2,609,688.38	291,433.63	8.95
OBUS	2,199.54	170,393.83	24,485.41	6.96
SBUS	1,908.77	38,926.17	5,265.44	7.39
UBUS	35.63	5,946.56	926.19	6.42
TOTAL	241280.87	14652243.31	1694816.50	8.65

Table 3: 2025 Los Angeles County Average Vehicle Fuel Efficiency (Electricity)

Vehicle Class	Population	Vehicle Miles Travelled Per Day	Energy Consumption (kWh/day)	Miles Per kWh
HHDT	359.75	39,425.69	70,188.26	0.56
LDA	296,571.00	11,983,494.85	4,423,785.90	2.71
LDT1	1,742.36	65,803.51	23,748.04	2.77
LDT2	30,758.00	953,423.20	331,085.75	2.88
LHDT1	1,424.21	99,672.68	55,690.45	1.79
LHDT2	367.73	24,445.62	13,668.26	1.79
MCY	0.00	0.00	0.00	0.00
MDV	25,291.32	795,782.36	287,037.16	2.77
MH	0.00	0.00	0.00	0.00
MHDT	569.80	32,320.07	33,794.02	0.96
OBUS	19.47	1,454.26	1,531.21	0.95
SBUS	27.91	885.12	1,023.46	0.86
UBUS	184.54	17,691.24	37,250.41	0.47
TOTAL	357,316.09	14,014,398.59	5,278,802.91	2.65

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: County

Region: Los Angeles

Calendar Year: 2025

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Year	Vehicle Catego	Model Year	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips
Los Angeles	2025	HHDT	Aggregate	Aggregate	Gasoline	38.05001349	2751.394918	2751.394918	0	761.3046699
Los Angeles	2025	HHDT	Aggregate	Aggregate	Diesel	55407.53531	6966404.116	6966404.116	0	865911.9508
Los Angeles	2025	HHDT	Aggregate	Aggregate	Electricity	359.7498381	39425.68657	0	39425.68657	4945.953534
Los Angeles	2025	HHDT	Aggregate	Aggregate	Natural Gas	5978.066198	376575.1772	376575.1772	0	38188.68011
Los Angeles	2025	LDA	Aggregate	Aggregate	Gasoline	3337440.433	132004234	132004234	0	15494312.44
Los Angeles	2025	LDA	Aggregate	Aggregate	Diesel	8388.612851	246778.3811	246778.3811	0	34377.62305
Los Angeles	2025	LDA	Aggregate	Aggregate	Electricity	196100.505	9570341.042	0	9570341.042	976769.6239
Los Angeles	2025	LDA	Aggregate	Aggregate	Plug-in Hybrid	100470.4953	4644987.702	2231833.897	2413153.805	415445.4981
Los Angeles	2025	LDT1	Aggregate	Aggregate	Gasoline	313468.9775	11445443.39	11445443.39	0	1380697.821
Los Angeles	2025	LDT1	Aggregate	Aggregate	Diesel	110.6654953	2175.901799	2175.901799	0	310.4912204
Los Angeles	2025	LDT1	Aggregate	Aggregate	Electricity	1056.523519	46083.15975	0	46083.15975	5037.302681
Los Angeles	2025	LDT1	Aggregate	Aggregate	Plug-in Hybrid	685.8319594	34778.57919	15058.22543	19720.35376	2835.915152
Los Angeles	2025	LDT2	Aggregate	Aggregate	Gasoline	1623396.817	67107094.54	67107094.54	0	7642462.406
Los Angeles	2025	LDT2	Aggregate	Aggregate	Diesel	5270.982587	227598.8752	227598.8752	0	25409.9418
Los Angeles	2025	LDT2	Aggregate	Aggregate	Electricity	14196.35274	513053.2181	0	513053.2181	72319.8175
Los Angeles	2025	LDT2	Aggregate	Aggregate	Plug-in Hybrid	16561.64234	805152.5935	364782.6152	440369.9783	68482.3911
Los Angeles	2025	LHDT1	Aggregate	Aggregate	Gasoline	126376.0753	5050030.715	5050030.715	0	1882815.222
Los Angeles	2025	LHDT1	Aggregate	Aggregate	Diesel	60972.66542	2684490.855	2684490.855	0	766959.4274
Los Angeles	2025	LHDT1	Aggregate	Aggregate	Electricity	1424.206888	99672.67662	0	99672.67662	19910.76202
Los Angeles	2025	LHDT2	Aggregate	Aggregate	Gasoline	19233.99329	720176.2088	720176.2088	0	286557.8414
Los Angeles	2025	LHDT2	Aggregate	Aggregate	Diesel	27705.39815	1195933.128	1195933.128	0	348499.0554
Los Angeles	2025	LHDT2	Aggregate	Aggregate	Electricity	367.7307592	24445.62201	0	24445.62201	4876.48615
Los Angeles	2025	MCY	Aggregate	Aggregate	Gasoline	154401.1518	1011349.118	1011349.118	0	308802.3036
Los Angeles	2025	MDV	Aggregate	Aggregate	Gasoline	972359.0465	37248308.09	37248308.09	0	4511661.156
Los Angeles	2025	MDV	Aggregate	Aggregate	Diesel	11358.20366	442895.3306	442895.3306	0	53411.24111
Los Angeles	2025	MDV	Aggregate	Aggregate	Electricity	15380.30722	555450.9312	0	555450.9312	78334.58598
Los Angeles	2025	MDV	Aggregate	Aggregate	Plug-in Hybrid	9911.016253	443408.3723	203076.943	240331.4292	40982.05221
Los Angeles	2025	MH	Aggregate	Aggregate	Gasoline	15450.11077	154665.7849	154665.7849	0	1545.629081
Los Angeles	2025	MH	Aggregate	Aggregate	Diesel	5805.209734	61011.77583	61011.77583	0	580.5209734
Los Angeles	2025	MHDT	Aggregate	Aggregate	Gasoline	14498.99682	795156.392	795156.392	0	290095.9284
Los Angeles	2025	MHDT	Aggregate	Aggregate	Diesel	62117.65354	2609688.385	2609688.385	0	763133.1199
Los Angeles	2025	MHDT	Aggregate	Aggregate	Electricity	569.7995124	32320.06626	0	32320.06626	7696.566642
Los Angeles	2025	MHDT	Aggregate	Aggregate	Natural Gas	941.4552257	44260.0725	44260.0725	0	8065.359817
Los Angeles	2025	OBUS	Aggregate	Aggregate	Gasoline	3624.478429	141502.8164	141502.8164	0	72518.56441
Los Angeles	2025	OBUS	Aggregate	Aggregate	Diesel	2199.544293	170393.8258	170393.8258	0	28674.76804
Los Angeles	2025	OBUS	Aggregate	Aggregate	Electricity	19.47290657	1454.261379	0	1454.261379	389.6139146
Los Angeles	2025	OBUS	Aggregate	Aggregate	Natural Gas	344.2470166	20322.42992	20322.42992	0	3063.798448
Los Angeles	2025	SBUS	Aggregate	Aggregate	Gasoline	1458.983596	67167.49895	67167.49895	0	5835.934386
Los Angeles	2025	SBUS	Aggregate	Aggregate	Diesel	1908.769685	38926.17223	38926.17223	0	27638.98504
Los Angeles	2025	SBUS	Aggregate	Aggregate	Electricity	27.90727838	885.1182684	0	885.1182684	304.7267243
Los Angeles	2025	SBUS	Aggregate	Aggregate	Natural Gas	1590.362917	38890.51512	38890.51512	0	23028.45504
Los Angeles	2025	UBUS	Aggregate	Aggregate	Gasoline	434.3887861	30651.97854	30651.97854	0	1737.555145
Los Angeles	2025	UBUS	Aggregate	Aggregate	Diesel	35.62762191	5946.561117	5946.561117	0	142.5104876
Los Angeles	2025	UBUS	Aggregate	Aggregate	Electricity	184.5436172	17691.24172	0	17691.24172	738.1744687
Los Angeles	2025	UBUS	Aggregate	Aggregate	Natural Gas	3841.048781	412283.1591	412283.1591	0	15364.19513

Energy Consum	NOx_RUNEX	NOx_IDLEX	NOx_STREX	NOx_TOTEX	PM2.5_RUNEX	PM2.5_IDLEX	PM2.5_STREX	PM2.5_TOTEX	PM2.5_PMTW	PM2.5_PMBW
0	0.01911061	0	0.000531936	0.019642546	4.3059E-06	0	9.4035E-07	5.24625E-06	1.51645E-05	9.99013E-05
0	13.36348116	3.966734677	2.687776505	20.01799234	0.176864545	0.002019641	0	0.178884186	0.068005587	0.216552921
70188.25845	0	0	0	0	0	0	0	0	0.000376648	0.000636226
0	0.317491456	0.05433653	0	0.371827986	0.00088769	0.000109319	0	0.000997009	0.003735928	0.022513
0	5.779037837	0	4.010851862	9.789889699	0.198287092	0	0.032568588	0.23085568	0.29101952	0.44500212
0	0.058768521	0	0	0.058768521	0.006620403	0	0	0.006620403	0.000544053	0.000846153
3694941.526	0	0	0	0	0	0	0	0	0.02109899	0.016135471
728844.3726	0.01702043	0	0.051084249	0.068104679	0.003368168	0	0.000885647	0.004253815	0.010240445	0.007420775
0	2.06483532	0	0.594694133	2.659529454	0.028350995	0	0.004292431	0.032643426	0.025232883	0.047614962
0	0.003625329	0	0	0.003625329	0.000607306	0	0	0.000607306	4.79704E-06	1.03428E-05
17791.90311	0	0	0	0	0	0	0	0	0.000101596	7.78392E-05
5956.134596	0.000114926	0	0.000348637	0.000463563	1.58816E-05	0	4.25209E-06	2.01337E-05	7.66736E-05	5.57455E-05
0	5.125064196	0	2.510352731	7.635416926	0.103721346	0	0.016049693	0.119771039	0.147945819	0.266875149
0	0.010965324	0	0	0.010965324	0.001245155	0	0	0.001245155	0.00050177	0.000891497
198080.8868	0	0	0	0	0	0	0	0	0.001131089	0.000863116
133004.8586	0.002784105	0	0.008418919	0.011203023	0.000445518	0	0.000118506	0.000564023	0.001775058	0.001288962
0	0.807319214	0.004824955	1.228362857	2.040507026	0.006026465	0	0.000606978	0.006633442	0.011133412	0.151971073
0	3.016250848	0.112650822	0	3.12890167	0.054516304	0.001784706	0	0.05630101	0.008877434	0.080784648
55690.44529	0	0	0	0	0	0	0	0	0.000219741	0.00149973
0	0.115825909	0.000736436	0.191884291	0.308446636	0.000770169	0	7.47759E-05	0.000844945	0.001587717	0.025284389
0	1.193402611	0.050596309	0	1.243998919	0.024537543	0.000820614	0	0.025358157	0.003954872	0.041987556
13668.26111	0	0	0	0	0	0	0	0	5.38934E-05	0.000429126
0	0.593365806	0	0.041014171	0.634379978	0.002392665	0	0.001135185	0.00352785	0.001114822	0.004682251
0	4.490617869	0	1.952109714	6.442727583	0.058308656	0	0.009755042	0.068063698	0.082118463	0.15160668
0	0.043839502	0	0	0.043839502	0.003648776	0	0	0.003648776	0.000976417	0.001797405
214449.9033	0	0	0	0	0	0	0	0	0.00122456	0.000934415
72587.25465	0.001549504	0	0.005038409	0.006587913	0.000280019	0	7.97744E-05	0.000359793	0.000977548	0.000709764
0	0.058711033	0	0.00069459	0.059405622	0.00021119	0	6.59952E-07	0.00021185	0.00051147	0.002595249
0	0.224124256	0	0	0.224124256	0.005358359	0	0	0.005358359	0.000269016	0.001017589
0	0.326459042	0.00140111	0.132515635	0.460375786	0.000826923	0	0.00014613	0.000973053	0.00262953	0.013353415
0	2.755192654	0.848400777	1.362224677	4.965818108	0.030331667	0.001461597	0	0.031793263	0.008630067	0.043889496
33794.02439	0	0	0	0	0	0	0	0	0.00010688	0.000271577
0	0.005160252	0.007021731	0	0.012181983	4.25551E-05	1.93436E-05	0	6.18986E-05	0.000146365	0.000742032
0	0.069748915	0.000255573	0.031839994	0.101844482	0.000129772	0	2.25035E-05	0.000152276	0.00046794	0.002406
0	0.332273037	0.03894668	0.05296482	0.424184537	0.006092633	4.38523E-05	0	0.006136485	0.000563481	0.004388566
1531.212042	0	0	0	0	0	0	0	0	4.80915E-06	1.23631E-05
0	0.003139792	0.000589123	0	0.003728915	1.77299E-05	1.34308E-06	0	1.90729E-05	6.72049E-05	0.000345732
0	0.033935986	0.001458037	0.004764417	0.04015844	7.83769E-05	0	3.16578E-06	8.15426E-05	0.000148079	0.001213933
0	0.334427444	0.065968715	0.007807053	0.408203212	0.001880549	7.86243E-05	0	0.001959173	0.000128726	0.000703521
1023.463442	0	0	0	0	0	0	0	0	2.46201E-06	7.99847E-06
0	0.035490187	0.009171964	0	0.044662151	0.000176701	2.15395E-05	0	0.00019824	0.000128608	0.000702877
0	0.005566772	0	0.001421075	0.006987848	6.03556E-05	0	1.42923E-06	6.17848E-05	9.23974E-05	0.001241211
0	0.005384021	0	0	0.005384021	3.85581E-05	0	0	3.85581E-05	5.88714E-05	0.000252366
37250.40907	0	0	0	0	0	0	0	0	0.0001557	0.000374941
0	0.269262594	0	0	0.269262594	0.000186426	0	0	0.000186426	0.003817575	0.017476623

PM2.5_TOTAL	PM10_RUNEX	PM10_IDLEX	PM10_STREX	PM10_TOTEX	PM10_PMTW	PM10_PMBW	PM10_TOTAL	CO2_RUNEX	CO2_IDLEX	CO2_STREX
0.000120312	4.68305E-06	0	1.02272E-06	5.70577E-06	6.06579E-05	0.000285432	0.000351796	6.244911121	0	0.046308094
0.463442694	0.184861575	0.00211096	0	0.186972535	0.272022347	0.618722633	1.077717514	11951.41501	764.236542	0
0.001012874	0	0	0	0	0.001506592	0.001817789	0.003324381	0	0	0
0.027245937	0.000965444	0.000118895	0	0.001084339	0.014943711	0.064322857	0.080350907	497.4447474	53.33398269	0
0.96687732	0.215655305	0	0.035421311	0.251076615	1.164078082	1.271434629	2.686589326	41105.73095	0	1161.806243
0.008010609	0.006919748	0	0	0.006919748	0.002176213	0.002417579	0.01151354	67.7571767	0	0
0.037234462	0	0	0	0	0.084395961	0.046101347	0.130497308	0	0	0
0.021915035	0.00366319	0	0.000963222	0.004626412	0.04096178	0.021202214	0.066790406	742.28942	0	29.05297652
0.105491271	0.030834294	0	0.00466841	0.035502704	0.100931534	0.136042748	0.272476986	4266.989387	0	129.8889868
0.000622446	0.000634766	0	0	0.000634766	1.91882E-05	2.95508E-05	0.000683505	1.054249511	0	0
0.000179435	0	0	0	0	0.000406384	0.000222398	0.000628782	0	0	0
0.000152553	1.72726E-05	0	4.62453E-06	2.18972E-05	0.000306695	0.000159273	0.000487865	5.017102552	0	0.21079526
0.534592006	0.112806427	0	0.017455505	0.130261932	0.591783275	0.762500425	1.484545632	25405.53523	0	702.8744532
0.002638422	0.001301456	0	0	0.001301456	0.002007079	0.002547135	0.005855669	79.04766622	0	0
0.001994204	0	0	0	0	0.004524355	0.002466045	0.0069904	0	0	0
0.003628043	0.000484541	0	0.000128886	0.000613427	0.00710023	0.00368275	0.011396407	121.4972449	0	5.54767233
0.169737928	0.00655433	0	0.000660144	0.007214474	0.044533648	0.434203066	0.485951188	3392.170029	16.37543349	53.40037853
0.145963092	0.056981289	0.001865402	0	0.058846692	0.035509736	0.230813281	0.325169709	1450.57459	8.555988328	0
0.00171947	0	0	0	0	0.000878963	0.004284942	0.005163905	0	0	0
0.027717051	0.000837629	0	8.13256E-05	0.000918955	0.006350867	0.072241113	0.079510934	555.8053323	2.902085362	7.984434127
0.071300585	0.025647021	0.000857718	0	0.02650474	0.015819487	0.119964446	0.162288673	763.2884314	6.232071102	0
0.000483019	0	0	0	0	0.000215573	0.001226074	0.001441648	0	0	0
0.009324922	0.002560605	0	0.001209233	0.003769838	0.004459286	0.013377859	0.021606983	216.5137523	0	15.35491161
0.30178884	0.063415321	0	0.010609393	0.074024714	0.328473851	0.433161943	0.835660507	17302.80481	0	510.7617297
0.006422598	0.003813758	0	0	0.003813758	0.003905668	0.005135441	0.012854867	206.1042452	0	0
0.002158975	0	0	0	0	0.004898239	0.002669757	0.007567996	0	0	0
0.002047106	0.000304546	0	8.67619E-05	0.000391308	0.003910193	0.002027898	0.006329399	67.60795589	0	4.093912878
0.003318568	0.000229688	0	7.17758E-07	0.000230406	0.002045878	0.007414997	0.009691281	302.6867843	0	0.053213498
0.006644964	0.00560064	0	0	0.00560064	0.001076064	0.002907398	0.009584102	68.48555935	0	0
0.016955998	0.000899354	0	0.00015893	0.001058284	0.010518119	0.038152615	0.049729018	1422.517727	8.613036972	14.47831632
0.084312826	0.03170313	0.001527684	0	0.033230814	0.034520268	0.125398559	0.193149641	3111.838846	150.6141516	0
0.000378457	0	0	0	0	0.000427521	0.000775933	0.001203454	0	0	0
0.000950296	4.62825E-05	2.10379E-05	0	6.73204E-05	0.000585461	0.002120091	0.002772872	41.30163405	5.714391429	0
0.003026216	0.000141139	0	2.44747E-05	0.000165614	0.001871762	0.006874284	0.00891166	259.9607065	1.509466749	2.492155358
0.011088533	0.006368115	4.58351E-05	0	0.00641395	0.002253924	0.012538761	0.021206636	265.7228457	8.378955838	0
1.71723E-05	0	0	0	0	1.92366E-05	3.53232E-05	5.45598E-05	0	0	0
0.00043201	1.92828E-05	1.46072E-06	0	2.07436E-05	0.00026882	0.000987805	0.001277369	19.67778034	0.456023859	0
0.001443555	8.5242E-05	0	3.44307E-06	8.8685E-05	0.000592316	0.003468381	0.004149382	66.01069685	4.167245274	0.359721653
0.002791421	0.001965579	8.21793E-05	0	0.002047759	0.000514905	0.002010061	0.004572725	54.11352417	4.83042955	0
1.04605E-05	0	0	0	0	9.84804E-06	2.28528E-05	3.27008E-05	0	0	0
0.001029726	0.000192178	2.34261E-05	0	0.000215604	0.000514433	0.00200822	0.002738258	72.62276786	7.26787105	0
0.001395393	6.56422E-05	0	1.55442E-06	6.71966E-05	0.00036959	0.003546316	0.003983102	62.82421918	0	0.180566473
0.000349795	4.03016E-05	0	0	4.03016E-05	0.000235486	0.000721044	0.000996832	10.36824306	0	0
0.000530642	0	0	0	0	0.000622802	0.00107126	0.001694062	0	0	0
0.021480624	0.000194855	0	0	0.000194855	0.015270301	0.049933207	0.065398364	1157.733953	0	0

CO2_TOTEX	CH4_RUNEX	CH4_IDLEX	CH4_STREX	CH4_TOTEX	N2O_RUNEX	N2O_IDLEX	N2O_STREX	N2O_TOTEX	ROG_RUNEX	ROG_IDLEX
6.291219215	0.000401521	0	8.71246E-08	0.000401608	0.000564656	0	1.55126E-05	0.000580168	0.002164426	0
12715.65156	0.004645965	0.015338049	0	0.019984013	1.882950303	0.120405778	0	2.003356081	0.100026342	0.330223983
0	0	0	0	0	0	0	0	0	0	0
550.7787301	0.548472543	0.136447861	0	0.684920404	0.101407366	0.010872481	0	0.112279847	0.014318057	0.002259536
42267.53719	0.380593588	0	1.107755454	1.488349042	0.664471252	0	0.535859572	1.200330823	1.435287463	0
67.7571767	0.000511241	0	0	0.000511241	0.010675171	0	0	0.010675171	0.011006715	0
0	0	0	0	0	0	0	0	0	0	0
771.3423965	0.002639337	0	0.018408196	0.021047534	0.003086331	0	0.009254635	0.012340966	0.008330034	0
4396.878373	0.114578103	0	0.161508575	0.276086678	0.144156329	0	0.058661399	0.202817728	0.511302644	0
1.054249511	3.62032E-05	0	0	3.62032E-05	0.000166097	0	0	0.000166097	0.000779433	0
0	0	0	0	0	0	0	0	0	0	0
5.227897811	1.78185E-05	0	0.000125455	0.000143273	2.07771E-05	0	6.30177E-05	8.37949E-05	5.63215E-05	0
26108.40968	0.252843296	0	0.624179779	0.877023075	0.444501335	0	0.293768607	0.738269942	0.990601868	0
79.04766622	0.000209531	0	0	0.000209531	0.012453992	0	0	0.012453992	0.004511085	0
0	0	0	0	0	0	0	0	0	0	0
127.0449172	0.000431843	0	0.003030522	0.003462365	0.000503718	0	0.001522774	0.002026492	0.001364437	0
3461.945841	0.027429819	0.01549264	0.06456854	0.107490999	0.045630036	0.000415098	0.102877312	0.148922446	0.136402977	0.055275559
1459.130579	0.011617169	0.000342649	0	0.011959818	0.228538617	0.001347999	0	0.229886617	0.250110805	0.007377042
0	0	0	0	0	0	0	0	0	0	0
566.6918518	0.002815677	0.00234651	0.009918422	0.01508061	0.007108049	6.11006E-05	0.015407353	0.022576502	0.013055087	0.008443192
769.5205025	0.005186258	0.000155697	0	0.005341955	0.120256403	0.000981865	0	0.121238269	0.111657082	0.003352058
0	0	0	0	0	0	0	0	0	0	0
231.8686639	0.191751109	0	0.054691833	0.246442943	0.042301261	0	0.002489295	0.044790556	1.231673106	0
17813.56654	0.202572126	0	0.460906137	0.663478263	0.336737312	0	0.192837256	0.529574567	0.849194581	0
206.1042452	0.000390948	0	0	0.000390948	0.032471808	0	0	0.032471808	0.00841688	0
0	0	0	0	0	0	0	0	0	0	0
71.70186877	0.000238169	0	0.001798116	0.002036285	0.000275759	0	0.000896251	0.00117201	0.000759023	0
302.7399978	0.001970323	0	6.21671E-05	0.00203249	0.003782521	0	7.63867E-05	0.003858907	0.008541891	0
68.48555935	0.000197697	0	0	0.000197697	0.010789928	0	0	0.010789928	0.004256308	0
1445.60908	0.008792523	0.004210515	0.014621255	0.027624293	0.017015713	0.000120469	0.010455013	0.027591195	0.042395691	0.016066339
3262.452998	0.002459594	0.000709555	0	0.003169148	0.490271478	0.023729321	0	0.514000798	0.052954378	0.015276518
0	0	0	0	0	0	0	0	0	0	0
47.01602548	0.026124415	0.01879301	0	0.044917425	0.008419608	0.001164916	0	0.009584524	0.000373266	0.000268515
263.9623286	0.001707417	0.000773202	0.002779114	0.005259733	0.003349316	2.06583E-05	0.002374844	0.005744818	0.008319621	0.002972947
274.1018015	0.000484339	0.000140067	0	0.000624406	0.041864743	0.001320108	0	0.04318485	0.010427686	0.003015613
0	0	0	0	0	0	0	0	0	0	0
20.1338042	0.012387474	0.001678438	0	0.014065912	0.004011444	9.29634E-05	0	0.004104408	0.000176993	2.39816E-05
70.53766378	0.000891963	0.003914555	0.000444306	0.005250825	0.001897769	0.000133204	0.000426276	0.00245725	0.004417801	0.017075605
58.94395372	0.000285951	1.62152E-05	0	0.000302166	0.008525608	0.000761036	0	0.009286644	0.00615644	0.000349109
0	0	0	0	0	0	0	0	0	0	0
79.89063891	0.197358659	0.025902666	0	0.223261324	0.014804626	0.001481603	0	0.016286229	0.002819866	0.000370098
63.00478565	0.000172032	0	0.000184303	0.000356335	0.000544071	0	0.000138617	0.000682687	0.000561595	0
10.36824306	3.17533E-05	0	0	3.17533E-05	0.001633521	0	0	0.001633521	0.00068364	0
0	0	0	0	0	0	0	0	0	0	0
1157.733953	1.342036025	0	0	1.342036025	0.23601164	0	0	0.23601164	0.019352392	0

ROG_STREX	ROG_TOTEX	ROG_DIURN	ROG_HOTSOAI	ROG_RUNLOSS	ROG_TOTAL	TOG_RUNEX	TOG_IDLEX	TOG_STREX	TOG_TOTEX	TOG_DIURN
4.50003E-07	0.002164876	0.000288206	7.8075E-05	0.000659261	0.003190418	0.003158325	0	4.92696E-07	0.003158818	0.000288206
0	0.430250325	0	0	0	0.430250325	0.113872376	0.375934868	0	0.489807244	0
0	0	0	0	0	0	0	0	0	0	0
0	0.016577594	0	0	0	0.016577594	0.567140957	0.139608202	0	0.706749159	0
4.968492227	6.40377969	5.434478348	1.555017412	3.932020858	17.32529631	2.094368097	0	5.439873593	7.53424169	5.434478348
0	0.011006715	0	0	0	0.011006715	0.012530414	0	0	0.012530414	0
0	0	0	0	0	0	0	0	0	0	0
0.074667902	0.082997936	0.051659711	0.019131239	0.016951096	0.170739983	0.012155167	0	0.081751954	0.093907121	0.051659711
0.832214629	1.343517273	1.082441774	0.288067787	0.812862064	3.526888898	0.746091618	0	0.911170266	1.657261884	1.082441774
0	0.000779433	0	0	0	0.000779433	0.000887333	0	0	0.000887333	0
0	0	0	0	0	0	0	0	0	0	0
0.000509468	0.00056579	0.000219895	7.60677E-05	6.36485E-05	0.000925402	8.21842E-05	0	0.000557804	0.000639988	0.000219895
2.830958402	3.821560269	2.471520246	0.662436915	1.781083531	8.736600962	1.44548392	0	3.099543111	4.545027031	2.471520246
0	0.004511085	0	0	0	0.004511085	0.00513557	0	0	0.00513557	0
0	0	0	0	0	0	0	0	0	0	0
0.012302581	0.013667018	0.005814726	0.001977425	0.001732095	0.023191264	0.001990984	0	0.013469777	0.015460761	0.005814726
0.311930039	0.503608575	0.381271495	0.094965613	0.527062164	1.506907847	0.199038905	0.080657966	0.341524129	0.621221	0.381271495
0	0.257487847	0	0	0	0.257487847	0.284734523	0.008398272	0	0.293132794	0
0	0	0	0	0	0	0	0	0	0	0
0.047945152	0.069443431	0.060311447	0.014613288	0.079829868	0.224198034	0.019049953	0.012320287	0.052493906	0.083864145	0.060311447
0	0.11500914	0	0	0	0.11500914	0.127114165	0.003816095	0	0.130930259	0
0	0	0	0	0	0	0	0	0	0	0
0.402642206	1.634315311	0.669343174	1.227521168	1.253306746	4.784486399	1.494891916	0	0.437836447	1.932728363	0.669343174
2.259205892	3.108400473	1.912038474	0.482894735	1.4095865	6.912920182	1.238822246	0	2.473543435	3.712365681	1.912038474
0	0.00841688	0	0	0	0.00841688	0.009582058	0	0	0.009582058	0
0	0	0	0	0	0	0	0	0	0	0
0.007363061	0.008122084	0.003718692	0.001319647	0.001113094	0.014273517	0.001107564	0	0.008061625	0.009169189	0.003718692
0.000249869	0.00879176	0.073155915	0.018854027	0.000433708	0.101235409	0.012464307	0	0.000273576	0.012737882	0.073155915
0	0.004256308	0	0	0	0.004256308	0.004845523	0	0	0.004845523	0
0.07829384	0.13675587	0.044692691	0.010538612	0.082605971	0.274593144	0.061863692	0.023443964	0.0857219	0.171029557	0.044692691
0	0.068230896	0	0	0	0.068230896	0.060284528	0.017391153	0	0.077675681	0
0	0	0	0	0	0	0	0	0	0	0
0	0.000641781	0	0	0	0.000641781	0.026661882	0.019179645	0	0.045841527	0
0.014857405	0.026149973	0.012642824	0.002992854	0.013915277	0.055700928	0.012139972	0.004338117	0.016266988	0.032745077	0.012642824
0	0.013443299	0	0	0	0.013443299	0.011871127	0.003433046	0	0.015304173	0
0	0	0	0	0	0	0	0	0	0	0
0	0.000200974	0	0	0	0.000200974	0.012642326	0.001712969	0	0.014355295	0
0.002551199	0.024044605	0.003614895	0.000871887	0.002326173	0.030857561	0.006446446	0.024916683	0.002793242	0.03415637	0.003614895
0	0.006505549	0	0	0	0.006505549	0.007008638	0.000397434	0	0.007406072	0
0	0	0	0	0	0	0	0	0	0	0
0	0.003189964	0	0	0	0.003189964	0.201418987	0.02643557	0	0.227854557	0
0.000778296	0.001339891	0.000206649	6.17432E-05	0.000180112	0.001788396	0.000819478	0	0.000852136	0.001671615	0.000206649
0	0.00068364	0	0	0	0.00068364	0.000778272	0	0	0.000778272	0
0	0	0	0	0	0	0	0	0	0	0
0	0.019352392	0	0	0	0.019352392	1.369839816	0	0	1.369839816	0

TOG_HOTSOAI	TOG_RUNLOSS	TOG_TOTAL	CO_RUNEX	CO_IDLEX	CO_STREX	CO_TOTEX	SOx_RUNEX	SOx_IDLEX	SOx_STREX	SOx_TOTEX
7.8075E-05	0.000659261	0.00418436	0.118083592	0	0.00420042	0.12228402	6.1737E-05	0	4.578E-07	6.2195E-05
0	0	0.489807244	0.580500946	4.816980495	0	5.39748144	0.11317275	0.00723686	0	0.12040962
0	0	0	0	0	0	0	0	0	0	0
0	0	0.706749159	3.318506537	0.403631363	0	3.7221379	0	0	0	0
1.555017412	3.932020858	18.45575831	113.4390794	0	48.7868045	162.225884	0.406372	0	0.01148564	0.41785764
0	0	0.012530414	0.120741604	0	0	0.1207416	0.00064203	0	0	0.00064203
0	0	0	0	0	0	0	0	0	0	0
0.019131239	0.016951096	0.181649167	1.211740774	0	0.56808972	1.77983049	0.00733829	0	0.00028722	0.0076255
0.288067787	0.812862064	3.840633509	23.10932655	0	8.01826718	31.1275937	0.04218353	0	0.00128408	0.04346762
0	0	0.000887333	0.00425418	0	0	0.00425418	9.9895E-06	0	0	9.9895E-06
0	0	0	0	0	0	0	0	0	0	0
7.60677E-05	6.36485E-05	0.0009996	0.008207124	0	0.00387578	0.0120829	4.9599E-05	0	2.0839E-06	5.1683E-05
0.662436915	1.781083531	9.460067724	66.90711182	0	27.0880767	93.9951886	0.25115958	0	0.00694863	0.25810821
0	0	0.00513557	0.04313971	0	0	0.04313971	0.00074902	0	0	0.00074902
0	0	0	0	0	0	0	0	0	0	0
0.001977425	0.001732095	0.024985007	0.198591029	0	0.09359147	0.2921825	0.00120112	0	5.4844E-05	0.00125597
0.094965613	0.527062164	1.624520271	5.514747221	0.523197332	6.48476091	12.5227055	0.03353505	0.00016189	0.00052792	0.03422486
0	0	0.293132794	0.653186053	0.06114473	0	0.71433078	0.01374493	8.1072E-05	0	0.013826
0	0	0	0	0	0	0	0	0	0	0
0.014613288	0.079829868	0.238618748	0.608964324	0.079773502	0.95535241	1.64409023	0.0054947	2.869E-05	7.8934E-05	0.00560233
0	0	0.130930259	0.267095983	0.027783583	0	0.29487957	0.00723255	5.9052E-05	0	0.0072916
0	0	0	0	0	0	0	0	0	0	0
1.227521168	1.253306746	5.08289945	13.68766201	0	2.50053681	16.1881988	0.00214046	0	0.0001518	0.00229226
0.482894735	1.4095865	7.516885391	45.43666785	0	17.6346186	63.0712864	0.17105584	0	0.0050494	0.17610524
0	0	0.009582058	0.140569809	0	0	0.14056981	0.00195294	0	0	0.00195294
0	0	0	0	0	0	0	0	0	0	0
0.001319647	0.001113094	0.015320623	0.110469986	0	0.05601553	0.16648552	0.00066837	0	4.0472E-05	0.00070885
0.018854027	0.000433708	0.105181531	0.245611728	0	0.00555498	0.2511667	0.00299237	0	5.2607E-07	0.00299289
0	0	0.004845523	0.017558759	0	0	0.01755876	0.00064894	0	0	0.00064894
0.010538612	0.082605971	0.308866831	1.089625275	0.229907173	1.64453839	2.96407084	0.01406304	8.5149E-05	0.00014313	0.01429132
0	0	0.077675681	0.231314132	0.504739115	0	0.73605325	0.02946725	0.00142623	0	0.03089348
0	0	0	0	0	0	0	0	0	0	0
0	0	0.045841527	0.112314476	0.036989708	0	0.14930418	0	0	0	0
0.002992854	0.013915277	0.062296032	0.210426437	0.023019226	0.30397046	0.53741613	0.00256998	1.4923E-05	2.4637E-05	0.00260954
0	0	0.015304173	0.040515924	0.045627023	0	0.08614295	0.00251624	7.9344E-05	0	0.00259558
0	0	0	0	0	0	0	0	0	0	0
0	0	0.014355295	0.057604491	0.002482397	0	0.06008689	0	0	0	0
0.000871887	0.002326173	0.040969326	0.087445624	0.132029466	0.0579444	0.27741949	0.00065258	4.1197E-05	3.5562E-06	0.00069734
0	0	0.007406072	0.0148605	0.006682678	0	0.02154318	0.00051242	4.5741E-05	0	0.00055816
0	0	0	0	0	0	0	0	0	0	0
0	0	0.227854557	0.677082184	0.040044549	0	0.71712673	0	0	0	0
6.17432E-05	0.000180112	0.002120119	0.011943899	0	0.01612341	0.02806731	0.00062108	0	1.7851E-06	0.00062287
0	0	0.000778272	0.000896594	0	0	0.00089659	9.8244E-05	0	0	9.8244E-05
0	0	0	0	0	0	0	0	0	0	0
0	0	1.369839816	18.7760473	0	0	18.7760473	0	0	0	0

NH3_RUNEX	Fuel Consumption
0.00013458	0.66340121
1.65795176	1135.88412
0	0
0.32601322	63.6616207
5.17693923	4457.05898
0.00084328	6.05272175
0	0
0.09726074	81.3370919
0.4820466	463.645331
7.4354E-06	0.09417569
0	0
0.00069715	0.55127529
2.8042499	2753.09918
0.00077774	7.06129671
0	0
0.01687244	13.3967278
0.25001616	365.057863
0.55676026	130.343557
0	0
0.0357033	59.7569477
0.25284735	68.7409617
0	0
0.00992267	24.4502609
1.53652997	1878.41833
0.00151345	18.4112106
0	0
0.00940187	7.56087247
0.00764345	31.9235545
0.01086272	6.11778789
0.03943426	152.437671
0.60952342	291.433634
0	0
0.05171567	5.43433546
0.00701546	27.8344977
0.03962118	24.4854053
0	0
0.02374574	2.32716068
0.00333178	7.43810851
0.00421527	5.26544004
0	0
0.04544161	9.23413937
0.00152046	6.64377592
0.00144209	0.92619105
0	0
0.44083033	133.816387

This Page Intentionally Left Blank

Selected Elements by Scientific Name

California Department of Fish and Wildlife

California Natural Diversity Database

Query Criteria: Quad IS (South Gate (3311882))

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Anniella stebbinsi Southern California legless lizard	ARACC01060	None	None	G3	S3	SSC
Athene cunicularia burrowing owl	ABNSB10010	None	None	G4	S2	SSC
Centromadia parryi ssp. australis southern tarplant	PDAST4R0P4	None	None	G3T2	S2	1B.1
Coccyzus americanus occidentalis western yellow-billed cuckoo	ABNRB02022	Threatened	Endangered	G5T2T3	S1	
Empidonax traillii extimus southwestern willow flycatcher	ABPAE33043	Endangered	Endangered	G5T2	S3	
Glyptostoma gabrielense San Gabriel chestnut	IMGASB1010	None	None	G2	S3	
Gonidea angulata western ridged mussel	IMBIV19010	None	None	G3	S2	
Navarretia prostrata prostrate vernal pool navarretia	PDPLM0C0Q0	None	None	G2	S2	1B.2
Orcuttia californica California Orcutt grass	PMPOA4G010	Endangered	Endangered	G1	S1	1B.1
Phacelia stellaris Brand's star phacelia	PDHYD0C510	None	None	G1	S1	1B.1
Phrynosoma blainvillii coast horned lizard	ARACF12100	None	None	G4	S4	SSC
Spea hammondii western spadefoot	AAABF02020	None	None	G2G3	S3S4	SSC
Taxidea taxus American badger	AMAJF04010	None	None	G5	S3	SSC
Vireo bellii pusillus least Bell's vireo	ABPBW01114	Endangered	Endangered	G5T2	S3	

Record Count: 14

This Page Intentionally Left Blank

CRM TECH
1016 E. Cooley Drive, Suite A/B
Colton, CA 92324

MEMORANDUM

Date: October 13, 2023
From: Bai "Tom" Tang, Principal, CRM TECH
To: Bob Prasse, Director of Environmental Services, MIG, Inc.
Subject: Status Update and Preliminary Conclusion: Historical/Archaeological Resources Survey at 7360 Foster Bridge Boulevard (Assessor's Identification Number 6358-015-058), City of Downey, Los Angeles County, California (CRM TECH Contract No. 4054A)

Dear Bob:

I am writing to provide you with a status update on the Phase I historical/archaeological resources study that CRM TECH is currently conducting on the property referenced above (see Figs. 1, 2), along with a summary of the preliminary findings of the study for reference by staff members of the City of Downey Planning Division. The purpose of the study, as you know, is to assist the City in determining whether the residential development proposed on the property would cause a substantial adverse change to any "historical resources," as defined by the California Environmental Quality Act (CEQA; PRC §21000, et seq.), that may exist within or adjacent to the project boundaries.

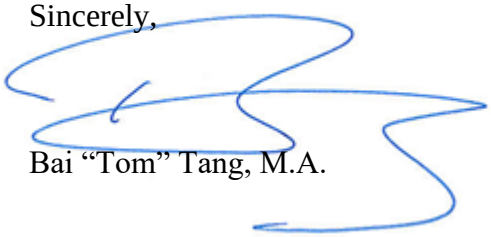
Since the commencement of the study in late August, CRM TECH has completed a cultural resources records search at the South Central Coastal Information Center of the California Historical Resources Information System, initiated a Sacred Lands File search with the Native American Heritage Commission (NAHC), pursued historical background research and consultations with local community representatives, and carried out a systematic field survey of the project area. The results of the records search indicate that the project area had not been surveyed for cultural resources prior to this study and that no cultural resources had been previously identified within the project area or in the immediate vicinity.

The historical background research and the field survey revealed that the existing church building in the project area, currently home to TLG House, was constructed in several phases between the mid-1950s and circa 1987. Because of its historic-period (i.e., more than 50 years of age) origin, the building was recorded into the California Historical Resources Inventory during this study. However, the research procedures completed to date have yielded no evidence that the building would meet any of the criteria for listing in the California Register of Historical Resources. Therefore, it does not appear to qualify as a "historical resource" for CEQA-compliance purposes.

No other potential "historical resources" have been identified within or adjacent to the project area. At this time, the NAHC has not responded to CRM TECH's inquiry, nor have the two local community groups contacted during this study, namely TLG House and the Downey Historical Society. However, the data gathered to date support a preliminary conclusion that no "historical resources" are present within or adjacent to the project area. Therefore, it can also be concluded tentatively that the proposed project would not cause a substantial adverse change to any known "historical resources," pending completion of the ongoing consultation efforts with the NAHC and the local community groups.

Thank you for this opportunity to be of service.

Sincerely,



Bai “Tom” Tang, M.A.

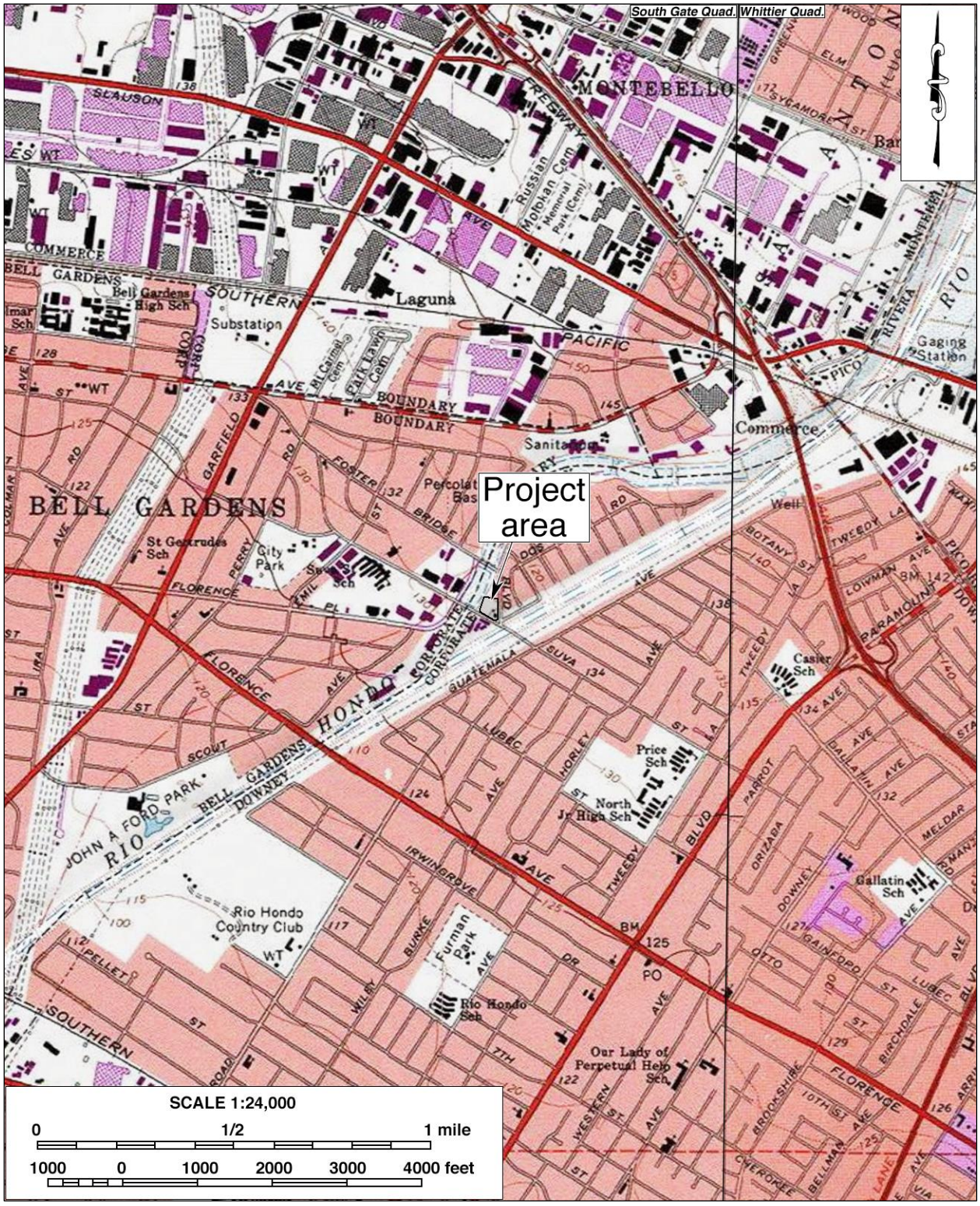


Figure 1. Location of the additional project area. (Based on USGS South Gate and Whittier, Calif., 7.5' quadrangles)

Figure 2. Recent satellite image of the project area. (Based on Google Earth imagery)

PALEONTOLOGICAL RESOURCES ASSESSMENT REPORT

ASSESSOR'S IDENTIFICATION NUMBER 6358-015-058

7360 Foster Bridge Boulevard, City of Downey
Los Angeles County, California

For Submittal to:

Planning Division, City of Downey
11111 Brookshire Avenue, 1st Floor
Downey, CA 90241

Prepared for:

MIG, Inc.
1650 Spruce Street, Suite 106
Riverside, CA 92507

Prepared by:

Ron Schmidtling, Principal Paleontologist
Deirdre Encarnación, Report Writer
CRM TECH
1016 East Cooley Drive, Suite A/B
Colton, CA 92324

October 13, 2023

Approximately 1.3 acres
USGS South Gate, Calif., 7.5' (1:24,000) quadrangle
Rancho San Antonio (Lugo) land grant, T2S R12W, San Bernardino Baseline and Meridian
CRM TECH Contract No. 4054P

EXECUTIVE SUMMARY

Between August and October 2023, at the request of MIG, Inc., CRM TECH performed a paleontological resource assessment on an approximately 1.3 acres of urban land in the northwestern portion of the City of Downey, Los Angeles County, California. The subject property of the study, Assessor's Identification Number 6358-015-058, is located at 7360 Foster Bridge Boulevard, near the intersection of Suva Street and Bluff Road, comprising a portion of the Rancho San Antonio (Lugo) land grant lying within Township 2 South Range 12 West, San Bernardino Baseline and Meridian, as depicted in the United States Geological Survey South Gate, California, 7.5' quadrangle.

The study is part of the environmental review process for the proposed construction of 33 residential units on the property. Associated improvements at the project site would include paved parking, fire hydrants, electrical transformers, and fences around the perimeter with gated entry. The City of Downey, as the lead agency for the project, required the study in compliance with the California Environmental Quality Act (CEQA). The purpose of the study is to provide the City with the necessary information and analysis to determine whether implementation of the project would adversely affect any significant, nonrenewable paleontological resources, as required by CEQA, and to design a paleontological mitigation program, if necessary.

In order to identify any paleontological resource localities that may exist in or near the project area and to assess the probability for such resources to be encountered during the project, CRM TECH initiated a paleontological records search, conducted a literature review, and carried out a systematic field survey of the project area in accordance with the guidelines of the Society of Vertebrate Paleontology. The results of these research procedures suggest that the proposed project's potential to impact significant, nonrenewable paleontological resources is relatively high in the native, relatively undisturbed alluvial sediments present below the ground surface in the project area.

Based on these findings, CRM TECH recommends that a paleontological resource impact mitigation program be developed and implemented during the project to prevent impacts on significant, nonrenewable paleontological resources or reduce them to a level less than significant. As the primary component of the mitigation program, all earth-moving operations reaching beyond the previously disturbed surface soil should be monitored by a qualified paleontological monitor to ensure the timely identification of the undisturbed, potentially fossiliferous sediments when they are encountered. Under these conditions, the proposed project may be cleared to proceed in compliance with CEQA provisions on paleontological resources.

TABLE OF CONTENTS

EXECUTIVE SUMMARY i
INTRODUCTION 1
PALEONTOLOGICAL RESOURCES 4
Definition 4
Significance Criteria 4
Paleontological Sensitivity 5
SETTING 6
METHODS AND PROCEDURES 7
Records Searches 7
Literature Review 7
Field Survey 8
RESULTS AND FINDINGS 8
Records Searches 8
Literature Review 8
Field Survey 8
DISCUSSION 9
CONCLUSION AND RECOMMENDATIONS 9
REFERENCES 10
APPENDIX 1: Personnel Qualifications 12
APPENDIX 2: Records Search Results 14

LIST OF FIGURES

Figure 1. Project vicinity 1
Figure 2. Project location 2
Figure 3. Recent satellite image of the project area. 3
Figure 4. Current condition of the project area 7
Figure 5. Geological map of the project vicinity 9

INTRODUCTION

Between August and October 2023, at the request of MIG, Inc., CRM TECH performed a paleontological resource assessment on an approximately 1.3 acres of urban land in the northwestern portion of the City of Downey, Los Angeles County, California (Fig. 1). The subject property of the study, Assessor's Identification Number 6358-015-058, is located at 7360 Foster Bridge Boulevard, near the intersection of Suva Street and Bluff Road, comprising a portion of the Rancho San Antonio (Lugo) land grant lying within Township 2 South Range 12 West, San Bernardino Baseline and Meridian, as depicted in the United States Geological Survey (USGS) South Gate, California, 7.5' quadrangle (Fig. 2, 3).

The study is part of the environmental review process for the proposed construction of 33 residential units on the property. Associated improvements at the project site would include paved parking, fire hydrants, electrical transformers, and fences around the perimeter with gated entry. The City of Downey, as the lead agency for the project, required the study in compliance with the California Environmental Quality Act (CEQA; PRC §21000, et seq.). The purpose of the study is to provide the City with the necessary information and analysis to determine whether implementation of the project would adversely affect any significant, nonrenewable paleontological resources, as required by CEQA, and to design a paleontological mitigation program, if necessary.

In order to identify any paleontological resource localities that may exist in or near the project area and to assess the probability for such resources to be encountered during the project, CRM TECH initiated a paleontological records search, conducted a literature review, and carried out a systematic

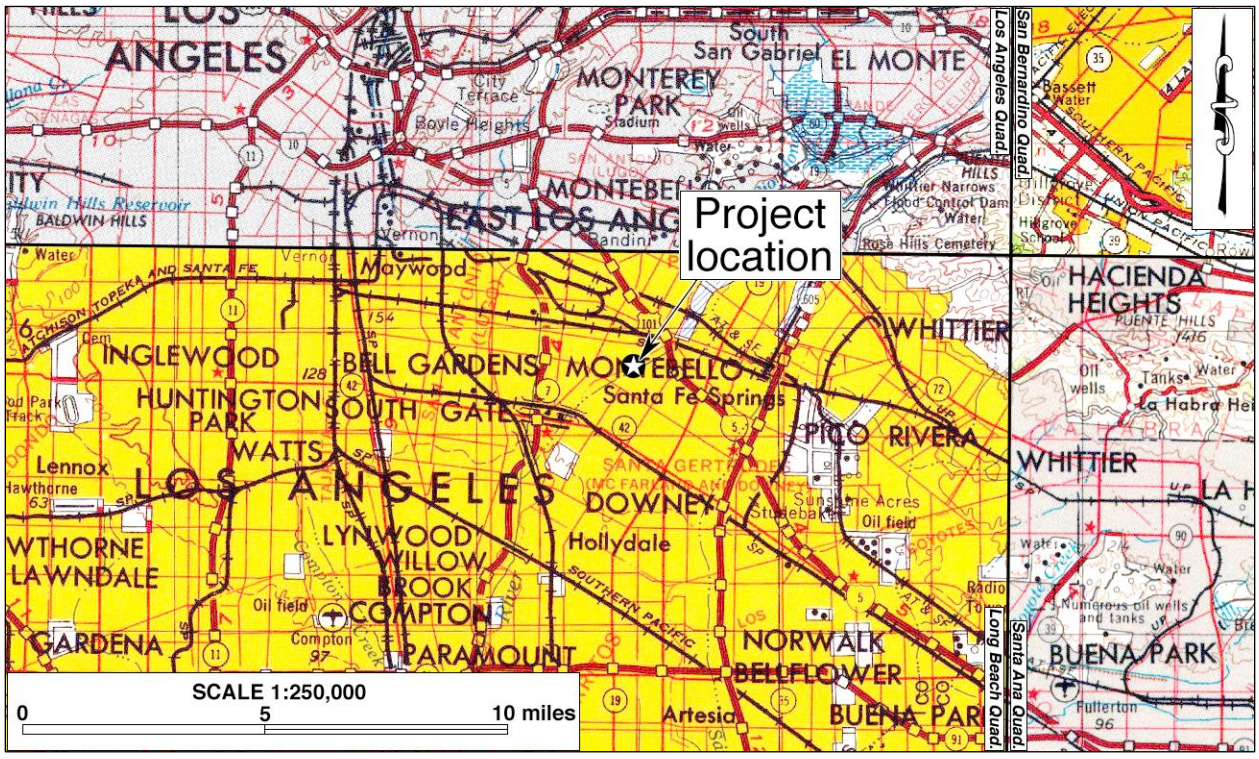


Figure 1. Project vicinity. (Based on USGS Long Beach, Los Angeles, San Bernardino, and Santa Ana, Calif., 120'x60' quadrangles, 1969/1979 edition)

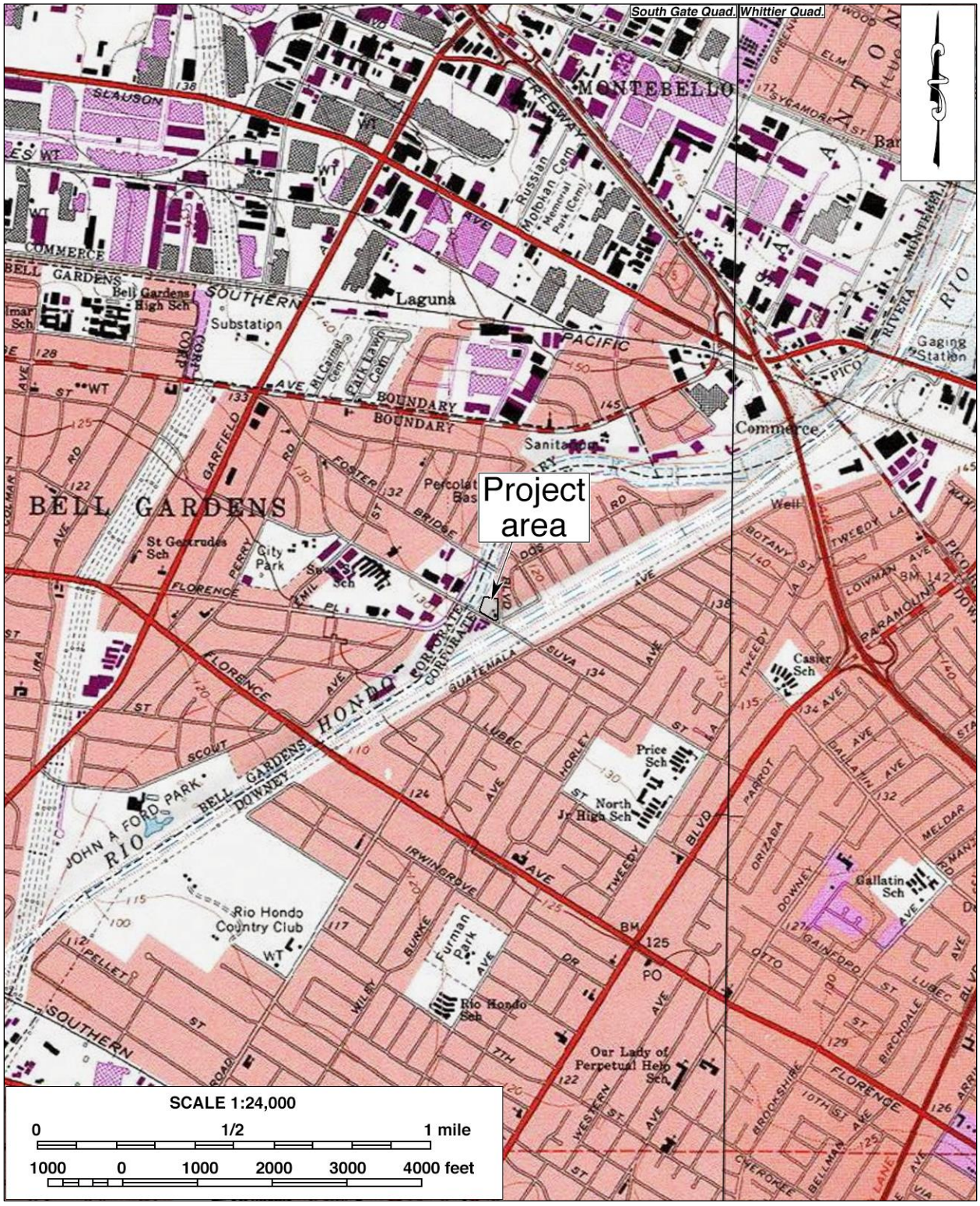


Figure 2. Project location. (Based on USGS South Gate and Whittier, Calif., 7.5' quadrangles, 1981 edition)

Figure 3. Recent satellite image of the project area. (Based on Google Earth imagery)

field survey of the project area in accordance with the guidelines of the Society of Vertebrate Paleontology. The following report is a complete account of the methods, results, and conclusion of this study. Personnel who participated in the study are named in the appropriate sections below, and their qualifications are provided in Appendix 1.

PALEONTOLOGICAL RESOURCES

DEFINITION

Paleontological resources represent the remains of prehistoric life, exclusive of any human remains, and include the localities where fossils were collected as well as the sedimentary rock formations in which they were found. The defining character of fossils or fossil deposits is their geologic age, typically older than recorded human history and/or older than the middle Holocene Epoch, which dates to circa 5,000 radiocarbon years (Society of Vertebrate Paleontology 2010:11).

Common fossil remains include marine and freshwater mollusk shells; the bones and teeth of fish, amphibians, reptiles, and mammals; leaf imprint assemblages; and petrified wood. Fossil traces, another type of paleontological resource, include internal and external molds (impressions) and casts created by these organisms. These items can serve as important guides to the age of the rocks and sediments in which they are contained, and may prove useful in determining the temporal relationships between rock deposits from one area and those from another as well as the timing of geologic events. They can also provide information regarding evolutionary relationships, development trends, and environmental conditions.

Fossil resources generally occur only in areas of sedimentary rock (e.g., sandstone, siltstone, mudstone, claystone, or shale). Because of the infrequency of fossil preservation, fossils, particularly vertebrate fossils, are considered nonrenewable paleontological resources. Occasionally fossils may be exposed at the surface through the process of natural erosion or because of human disturbances; however, they generally lay buried beneath the surficial soils. Thus, the absence of fossils on the surface does not preclude the possibility of their being present within subsurface deposits, while the presence of fossils at the surface is often a good indication that more remains may be found in the subsurface.

SIGNIFICANCE CRITERIA

According to guidelines proposed by Scott and Springer (2003:6), paleontological resources can be considered to be of significant scientific interest if they meet one or more of the following criteria:

1. The fossils provide information on the evolutionary relationships and developmental trends exhibited among organisms, living or extinct;
2. The fossils provide data useful in determining the age(s) of the rock unit or sedimentary stratum, including data important in determining the depositional history of the region and the timing of geologic events therein;
3. The fossils provide data regarding the development of biological communities or the interactions between paleobotanical and paleozoological biotas;
4. The fossils demonstrate unusual or spectacular circumstances in the history of life; and/or

5. The fossils are in short supply and/or in danger of being depleted or destroyed by the elements, vandalism, or commercial exploitation, and are not found in other geographic locations.

PALEONTOLOGICAL SENSITIVITY

The fossil record is unpredictable, and the preservation of organic remains is rare, requiring a particular sequence of events involving physical and biological factors. Skeletal tissue with a high percentage of mineral matter is the most readily preserved within the fossil record; soft tissues not intimately connected with the skeletal parts, however, are the least likely to be preserved (Raup and Stanley 1978). For this reason, the fossil record contains a biased selection not only of the types of organisms preserved but also of certain parts of the organisms themselves. As a consequence, paleontologists are unable to know with certainty, the quantity of fossils or the quality of their preservation that might be present within any given geologic unit.

Sedimentary units that are paleontologically sensitive are those geologic units (mappable rock formations) with a high potential to contain significant nonrenewable paleontological resources. More specifically, these are geologic units within which vertebrate fossils or significant invertebrate fossils have been determined by previous studies to be present or are likely to be present. These units include, but are not limited to, sedimentary formations that contain significant paleontological resources anywhere within their geographical extent as well as sedimentary rock units temporally or lithologically amenable to the preservation of fossils.

A geologic formation is defined as a stratigraphic unit identified by its lithic characteristics (e.g., grain size, texture, color, and mineral content) and stratigraphic position. There is a direct relationship between fossils and the geologic formations within which they are enclosed and, with sufficient knowledge of the geology and stratigraphy of a particular area, it is possible for paleontologists to reasonably determine the formation's potential to contain significant nonrenewable vertebrate, invertebrate, marine, or plant fossil remains.

The paleontological sensitivity for a geologic formation is determined by the potential for that formation to produce significant nonrenewable fossils. This determination is based on what fossil resources the particular geologic formation has produced in the past at other nearby locations. Determinations of paleontologic sensitivity must consider not only the potential for yielding vertebrate fossils but also the potential of yielding a few significant fossils that may provide new and significant taxonomic, phylogenetic, and/or stratigraphic data.

The Society of Vertebrate Paleontology issued a set of standard guidelines intended to assist paleontologists to assess and mitigate any adverse effects/impacts to nonrenewable paleontological resources. The guidelines defined four categories of paleontological sensitivity for geologic units that might be impacted by a proposed project, as listed below (Society of Vertebrate Paleontology 2010:1-2):

- **High Potential**: Rock units from which vertebrate or significant invertebrate, plant, or trace fossils have been recovered.
- **Undetermined Potential**: Rock units for which little information is available concerning their paleontological content, geologic age, and depositional environment.

- **Low Potential**: Rock units that are poorly represented by fossil specimens in institutional collections, or based on general scientific consensus only preserve fossils in rare circumstances.
- **No Potential**: Rock units that have no potential to contain significant paleontological resources, such as high-grade metamorphic rocks and plutonic igneous rocks.

SETTING

The City of Downey lies in the northwestern portion of the Peninsular Ranges Province, which is bounded on the north by the Transverse Ranges Province, on the northeast by the Colorado Desert Province, and on the west by the Pacific Ocean (Jenkins 1980:40-41; Harms 1996:131). Extending southward to the southern tip of Baja California, the Peninsular Ranges Province is made up of a series of northwest-southeast trending structural blocks consisting of uplifted mountains that are separated by valley basins that have developed along the intervening fault zones (Jahns 1954:Plate 3; Harden 2004:465).

The mountains are made up mainly of igneous intrusive rocks, metasedimentary rocks, and some metavolcanic rocks (Harden 2004:466-468). The non-crystalline rocks in the western portion of the mountains consist of both metavolcanic and metasedimentary rocks that are mainly of Mesozoic age, while the eastern portion contains mainly metasedimentary rocks of Paleozoic and older age (*ibid*. 471-472). The crystalline basement rocks are present in both the western and the eastern portions and consist mainly of Mesozoic-age granitic rocks with some scattered gabbroic intrusions (*ibid*. 466-468).

More specifically, the Downey area is a part of the Los Angeles Basin, a northwest-trending alluvial lowland plain measuring roughly 50 miles long and 20 miles wide (Yerkes et al. 1965). Bounded on the north by the Santa Monica Mountains and the Elysian, Repetto, and Puente Hills and on the east by the Santa Ana Mountains and San Joaquin Hills, it slopes gently towards the south, which is seaward (*ibid*.). The geologic and structural evolution of the Los Angeles Basin can be divided into five phases, namely the predepositional phase, prebasin phase of deposition, basin inception phase, principal phase of subsidence and deposition (upper Miocene to lower Pleistocene), and basin disruption (upper Pleistocene to Holocene). The deposition of the marine sediments that underlie the project location took place during the principal phase of subsidence and deposition (Yerkes et al. 1967:A16; Stewart and Clark 2020).

The project area is situated on the southern rim of the San Gabriel Valley, a broad inland valley extending from the San Rafael Hills in the west to San Dimas in the east and bounded by the San Gabriel Mountains on the north and the Puente Hills on the south. The location is surrounded by industrial and commercial properties to the west and residential properties to the east and the south. The Rio Hondo Channel runs directly to the south (Fig. 3). The environment of the region is typical of the southern California Mediterranean climate zone, with an average high temperature of 87º (Fahrenheit) in August and an average low temperature of 44º in December. Rainfall is typically less than 20 inches annually, most of which occurs between November and April.

Elevations on the property range approximately from 131 feet to 136 feet above mean sea level, with a very slight incline to the northeast across the artificially level terrain. The ground surface in the

Figure 4. Current condition of the project area. (Photograph taken on September 19, 2023; view to the southwest)

entire project area has clearly been disturbed in the past, and a church complex currently occupies the property, including the church building, a paved parking lot, and lawns (Figs. 3, 4). Vegetation observed within the project area consists almost exclusively of introduced landscaping plants such as lawn grass, hibiscus, cactus, succulents, palms, and shade trees (Fig. 4).

METHODS AND PROCEDURES

RECORDS SEARCHES

The paleontological records search service for this study was provided by the Natural History Museum of Los Angeles County (NHMLAC). The NHMLAC maintains files of regional paleontological localities as well as supporting maps and documents. The records search results were used to identify previously performed paleontological resource assessments and known paleontological localities within a one-mile radius of the project area. A copy of the records search results is attached to this report in Appendix 2.

LITERATURE REVIEW

In conjunction with the records search, CRM TECH report writer Deirdre Encarnación reviewed geological literature pertaining to the project vicinity under the direction of principal paleontologist Ron Schmidtling. Sources consulted during the review include primarily topographic and geologic maps of the Downey area, satellite and aerial images available at the Nationwide Environmental Title Research (NETR) Online website and through the Google Earth software, and other materials in the CRM TECH library, including unpublished reports produced during similar surveys in the vicinity.

FIELD SURVEY

On September 19, 2023, CRM TECH paleontological surveyor Salvadore Z. Boites carried out the field survey of the project area. The part of the survey in the accessible area around the church building was conducted at an intensive level by walking a series of regular transects as dictated by the configuration of existing features. The accompanying paved parking lot, enclosed by fences, was surveyed at a reconnaissance level from the perimeter. Visibility of the native ground surface was mostly poor since pavement, landscaping, and the church building essentially covered the entire parcel. Considering the extent of past ground disturbances by agricultural and construction activities, the field survey is considered to be adequate for the purposes of this study.

RESULTS AND FINDINGS

RECORDS SEARCHES

The records search by the NHMLAC revealed no known fossil localities within the project area, although fossil localities had been recorded in the general vicinity from the same sedimentary units as those present within the project area, either at the surface or at depth (Bell 2023). These localities were mostly discovered at depths of 2-30 feet below the ground surface and yielded fossil remains of various species of fish, reptiles, and mammals, including megafauna such as horse (*Equus* sp.), bison (*Bison* sp.), camel (*Camelops* sp.), and mammoth (*Mammuthus*), all of Pleistocene age. Based on these results, the NHMLAC states that potentially fossil-bearing sediments are present either at or below the surface within the project area and recommends a full paleontological assessment.

LITERATURE REVIEW

The surface geology at the project location is mapped by Saucedo et al. (2016; Fig. 5) as Qya_2, described as "Young alluvium, Unit 2 (Holocene and late Pleistocene)." Saucedo et al. further defines the Qya_2 sediments as "poorly consolidated, poorly sorted, permeable flood-plain deposits consisting of soft clay, silt and loose to moderately dense sand and silty sand" (*ibid*.). In a larger-scale mapping of the South Gate 7.5-minute quadrangle, Tinsley (2001) also identifies the soils at this location to be Qya_2, described as alluvial sediments of Holocene and late Pleistocene age.

Aerial and satellite images reveal that the project area was in use as agricultural land at least by the early 1950s, apparently as a citrus orchard (NETR Online 1952). Agricultural activities ceased shortly thereafter, with ground clearing towards the construction of the church campus currently on the property evident by 1953 (NETR Online 1953). Construction and ground disturbance continued on the property for years, as the campus was evidently developed and expanded in phases (NETR Online 1959-2020). The campus appears relatively unchanged since the mid-1980s (NETR Online 1987-2020; Google Earth 1994-2023).

FIELD SURVEY

Throughout the course of the field survey, no surface manifestation of any paleontological remains was observed within the project area.

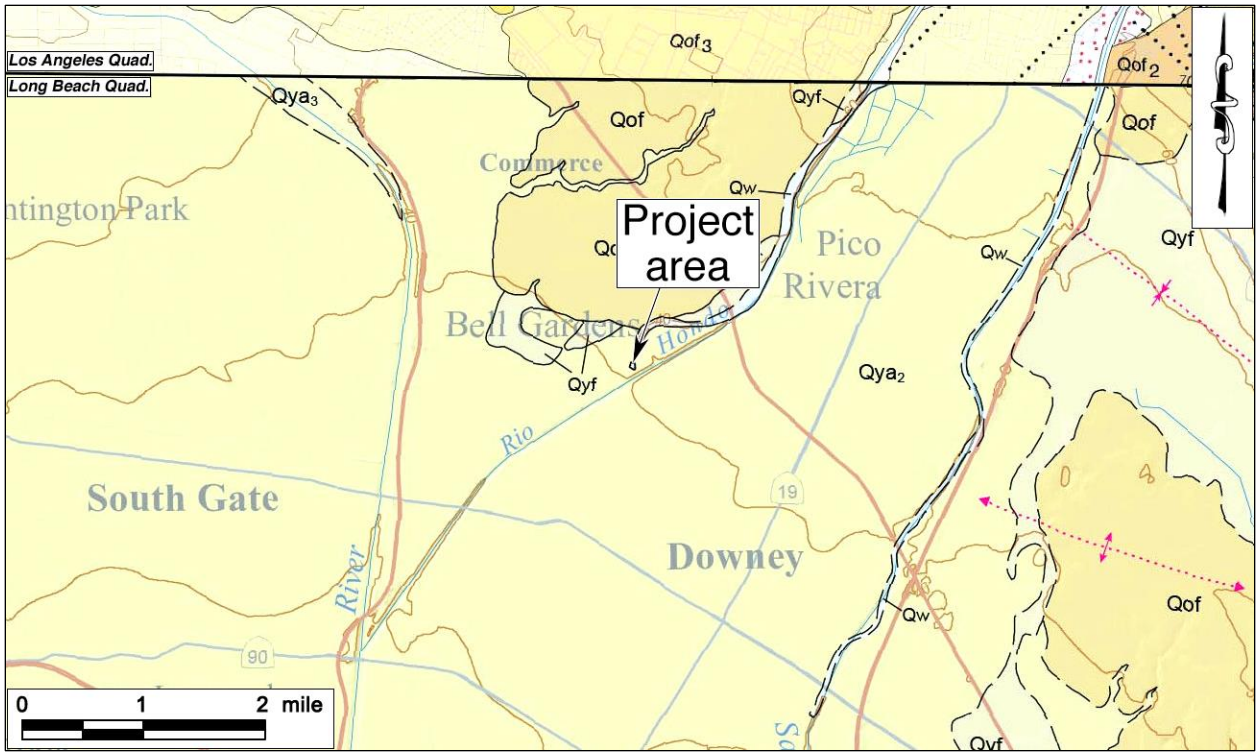


Figure 5. Geological map of the project vicinity. (Source: Saucedo et al. 2016; Yerkes and Campbell 2005)

DISCUSSION

The results of the records search and the literature review suggest that the project area is situated upon alluvial sediments of Pleistocene age, which in general have a high potential to contain significant, nonrenewable fossil remains. These soils have yielded significant fossils elsewhere in the project vicinity. While no fossil localities were identified within the project area, the NHMLAC reported fossil discoveries nearby from the same sediments as those mapped within the project area. Therefore, excavations into the native soils at the project location have a strong potential to encounter paleontological resources despite the lack of surface findings.

CONCLUSION AND RECOMMENDATIONS

CEQA guidelines (Title 14 CCR App. G, Sec. V(c)) require that public agencies in the State of California determine whether a proposed project would "directly or indirectly destroy a unique paleontological resource" during the environmental review process. The present study, conducted in compliance with this provision, is designed to identify any significant, non-renewable paleontological resources that may exist within or adjacent to the project area, and to assess the possibility for such resources to be encountered in future excavation and construction activities.

Based on the research results presented above, the proposed project's potential to impact significant, nonrenewable paleontological resources appears to be high in the native, relatively undisturbed

alluvial sediments present below the ground surface in the project area. Therefore, CRM TECH recommends that a paleontological resource impact mitigation program be developed and implemented during the project to prevent impacts on significant, nonrenewable paleontological resources or reduce them to a level less than significant. The mitigation program should be developed in accordance with the provisions of CEQA (Scott and Springer 2003) as well as the proposed guidelines of the Society of Vertebrate Paleontology (2010), and should include but not be limited to the following components:

- All earth-moving operations reaching beyond the previously disturbed surface soil should be monitored by a qualified paleontological monitor to ensure the timely identification of the undisturbed, potentially fossiliferous sediments when they are encountered. The monitor should be prepared to quickly salvage fossil remains upon discovery to avoid construction delays but must have the power to temporarily halt or divert construction equipment to allow for removal of abundant or large specimens.
- Collected samples of sediment should be processed to recover small fossils, and all recovered specimens should be identified and curated at a repository with permanent retrievable storage.
- A report of findings, including an itemized inventory of recovered specimens, should be prepared upon completion of the procedures outlined above. The report should include a discussion of the significance of the paleontological findings, if any. The report and the inventory, when submitted to the City of Downey, would signify completion of the program to mitigate potential impacts on paleontological resources.

Under these conditions, the proposed project may be cleared to proceed in compliance with CEQA provisions on paleontological resources.

REFERENCES

Bell, Crystal
2023 Paleontological Resources for the Proposed Small Residential Project on APN 6358-015-058 (CRM TECH No. 4054P). Prepared by the Natural History Museum of Los Angeles County, Los Angeles, California. (See App. 2)

Google Earth
1994-2023 Aerial photographs of the project vicinity; taken in 1994, 2003-2009, 2011, and 2013-2023. Available through the Google Earth software.

Harden, Deborah R.
2004 *California Geology*. Prentice Hall, Upper Saddle River, New Jersey.

Harms, Nancy S.
1996 *A Precollegiate Teachers Guide to California Geomorphic/Physiographic Provinces*. National Association of Geoscience Teachers, Far West Section, Concord, California.

Jahns, R.H.
1954 Generalized Geologic Map of the Peninsular Ranges Province, Southern California. In R.H. Jahns (ed.): *Geology of Southern California*; Plate 3. California Division of Mines Bulletin 170, Part 3. San Francisco.

Jenkins, Olaf P.
1980 Geomorphic Provinces Map of California. *California Geology* 32(2):40-41.

NETR (Nationwide Environmental Title Research) Online
1952-2020 Aerial photographs of the project vicinity; taken in 1952, 1953, 1963, 1972, 1987, 1988, 1991-2000, 2003-2005, 2009, 2010, 2012, 2014, 2016, 2018, and 2020. http://www.historicaerials.com.

Raup, David M., and Steven M. Stanley
1978 *Principle of Paleontology*. W.H. Freeman and Company, San Francisco.

Saucedo, George J., H. Gary Greene, Michael P. Kennedy, and Stephen P. Bezore
2016 Geologic Map of the Long Beach 30' x 60' Quadrangle, California (Version 2.0). Digital preparation by Carlos I. Gutierrez, Janet Tilden, Jason D. Little, Eric V. Niven, Marina T. Mascorro, Eric W. Ford, and Benjamin Middendor. https://ngmdb.usgs.gov/Prodesc/proddesc_109539.htm.

Scott, Eric, and Kathleen Springer
2003 CEQA and Fossil Preservation in California. *Environmental Monitor* Fall:4-10. Association of Environmental Professionals, Sacramento, California.

Society of Vertebrate Paleontology
2010 Standard Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources. http://vertpaleo.org/Membership/Member-Resources/SVP_Impact_Mitigation_Guidelines.aspx.

Stewart, Joe D., and Fatima Clark
2020 Crooked Creek Residential Subdivision Project, City of Diamond Bar, California. Paleontological resources assessment prepared for the City of Diamond Bar by Environmental Science Associates, Los Angeles.

Tinsley, J.C.
2001 Unpublished Digital Geologic Map of the South Gate 7.5-minute Quadrangle. U.S. Geological Survey, Menlo Park, California. Available in G. Davis: Seismic Hazard Zone Report for the South Gate 7.5-Minute Quadrangle, Los Angeles County, California. State of California Department of Conservation, Division of Mines and Geology, Sacramento.

Yerkes, Robert F., and Russell H. Campbell
2005 Preliminary Geologic Map of the Los Angeles 30'x60' Quadrangle, Southern California. Digital preparation by Rachel M. Alvarez and Kelly R. Bovard. U.S. Geological Survey Open-File Report 2005-1019. https://pubs.usgs.gov/of/2005/1019/.

Yerkes, Robert F., T.H. McCulloh, J.E. Schoellhamer, and J.G. Vedder
1965 *Geology of the Eastern Los Angeles Basin, Southern California*. Geological Survey Professional Paper 420-A. United States Government Printing Office, Washington, D.C.

APPENDIX 1:
PERSONNEL QUALIFICATIONS

PROJECT PALEONTOLOGIST
Ron Schmidtling, M.S.

Education

1995	M.S., Geology, University of California, Los Angeles.
1991	Pasadena City College, Pasadena, California.
1985	B.A., Archaeology, Paleontology, Ancient Folklore, and Art History, University of Southern Mississippi, Hattiesburg.

Professional Experience:

2020-	Project Paleontologist, CRM TECH, Colton, California.
2014-	Instructor of Earth Science, History of Life, Ecology, and Evolutionary Biology, Columbia College Hollywood, Reseda, California.
2013, 2015	Volunteer, excavation of a camarasaur and a diplodocid in southern Utah, Natural History Museum of Los Angeles County, California.
1993-2014	Consultant, Getty Conservation Institute, Brentwood, California. • Geological Consultant on the Renaissance Bronze Project, characterizing constituents of bronze core material; • Paleontological Consultant for Antiquities/Conservation, identifying the foraminifera and mineral constituents of a limestone torso of Aphrodite; • Scientific Consultant on the Brentwood Site Building Project, testing building materials for their suitability in the museum galleries.
1999-2001	Archaeological and Paleontological Monitor, Michael Brandman Associates, Irvine, California.
1997	Department of Archaeology, University of California, Los Angeles.
1994	Scientific Illustrator and Teaching Assistant, Department of Earth and Space Sciences and Department of Biological Sciences, University of California, Los Angeles.

Memberships

AAPS (Association of Applied Paleontological Sciences), USA; CSEOL (Center for the Study of Evolution and the Origin of Life), Department of Earth Sciences, University of California, Los Angeles.

Publications and Reports

Author, co-author, and contributor on numerous paleontological publications and paleontological resource management reports.

REPORT WRITER
Deirdre Encarnación, M.A.

Education

2003	M.A., Anthropology, San Diego State University, California.
2000	B.A., Anthropology, minor in Biology, with honors; San Diego State University, California.

Professional Experience

2004-	Project Archaeologist/Paleontologist/Report Writer, CRM TECH, Riverside/Colton, California.
2001-2003	Part-time Lecturer, San Diego State University, California.
2001	Research Assistant for Dr. Lynn Gamble, San Diego State University.
2001	Archaeological Collection Catalog, SDSU Foundation.

PALEONTOLOGICAL SURVEYOR
Salvadore Z. Boites, M.A.

Education

2013	M.A., Applied Anthropology, California State University, Long Beach.
2003	B.A., Anthropology/Sociology, University of California, Riverside.
1996-1998	Archaeological Field School, Fullerton Community College, Fullerton, California.

- Cross-trained in paleontological field procedures and identifications by CRM TECH Geologist/Paleontologist Harry M. Quinn.

Professional Experience

2014-	Project Archaeologist/Paleontologist, CRM TECH, Colton, California.
2010-2011	Adjunct Instructor, Anthropology, Everest College, Anaheim, California.
2003-2008	Project Archaeologist, CRM TECH, Riverside/Colton, California.
2001-2002	Teaching Assistant, Moreno Elementary School, Moreno Valley, California.
1999-2003	Research Assistant, Anthropology Department, University of California, Riverside.

Research Interests

Cultural Resource Management, Applied Archaeology/Anthropology, Indigenous Cultural Identity, Poly-culturalism.

APPENDIX 2

RECORDS SEARCH RESULTS

Natural History Museum
of Los Angeles County
900 Exposition Boulevard
Los Angeles, CA 90007

tel 213.763.DINO
www.nhm.org

Research & Collections

e-mail: paleorecords@nhm.org

September 3, 2023

CRM TECH
Attn: Nina Gallardo

re: Paleontological resources for the Proposed Small Residential Project on APN 6358-015-058 (CRM TECH NO. 4054P)

Dear Nina:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for proposed development at the Small Residential Project area as outlined on the portion of the South Gate USGS topographic quadrangles map that you sent to me via e-mail on August 28, 2023. We do not have any fossil localities that lie directly within the proposed project area, but we do have fossil localities nearby from the same sedimentary deposits that occur in the proposed project area, either at the surface or at depth.

The following table shows the closest known localities in the collection of the Natural History Museum of Los Angeles County (NHMLA).

Locality Number	Location	Formation	Taxa	Depth
LACM VP 7702	Intersection of 26th St and Atlantic Blvd, Bell Gardens	Unknown Formation (Pleistocene; silt)	Fish (*Gasterosteus*); Snake (Colubridae), Rodents (*Thomomys, Microtus, Reithrodontomys)*; Rabbit (*Sylvilagus*)	30 feet bgs
LACM VP 3347	11204 Bluefield; Whittier	La Habra Formation (lacustrine silt with caliche and plant detritus)	Horse (*Equus*)	2 feet bgs
LACM VP 7758	South Region Middle school No. 6; S. Western Ave & 46th St	Unknown Formation (Pleistocene)	Three-spined stickleback (*Gasterosteus*); Rodents (*Perognathus, Thomomys, Microtus*)	16 feet bgs
LACM VP 3252	3140 Hyde Park Blvd, Hyde Park School	Unknown formation (Pleistocene)	Bison (*Bison*), Camel (*Camelops*)	Unknown
LACM VP 3266	W Athens Blvd & Menlo Ave	Unnamed formation (Pleistocene, calcareous siltstone)	Uncatalogued vertebrates	15-18 feet bgs
LACM VP 3365	Athens on the Hill,	Unnamed formation	Mammoth (*Mammuthus*)	Unknown

	Los Angeles (more precise information not available)	(Pleistocene)

VP, Vertebrate Paleontology; IP, Invertebrate Paleontology; bgs, below ground surface

This records search covers only the records of the NHMLA. It is not intended as a paleontological assessment of the project area for the purposes of CEQA or NEPA. Potentially fossil-bearing units are present in the project area, either at the surface or in the subsurface. As such, NHMLA recommends that a full paleontological assessment of the project area be conducted by a paleontologist meeting Bureau of Land Management or Society of Vertebrate Paleontology standards.

Sincerely,

Alyssa Bell, Ph.D.
Natural History Museum of Los Angeles County

enclosure: invoice

This Page Intentionally Left Blank

ALBUS & ASSOCIATES
formerly Albus-Keefe & Associates, Inc.

February 6, 2023
J.N.: 3128.00

Mr. Steve Armanino
The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, California 90740

Subject: **Geotechnical Due-Diligence Investigation, Proposed Multi-Family Residential Development, 7360 Foster Bridge Boulevard, Downey, California**

Dear Mr. Armanino,

Albus & Associates, Inc. is pleased to present to you our geotechnical due-diligence report for the proposed multi-family residential development at the subject site. This report presents a summary of our literature review, subsurface exploration, laboratory testing, and engineering analyses. Conclusions relevant to the feasibility of the proposed site development are also presented herein based on the findings of our work.

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

Sincerely,

ALBUS & ASSOCIATES, INC.

Paul Kim
Associate Engineer

TABLE OF CONTENTS

REPORT

1.0 INTRODUCTION 1
1.1 PURPOSE AND SCOPE 1
1.2 SITE LOCATION AND DESCRIPTION 1
1.3 PROPOSED DEVELOPMENT 2
2.0 INVESTIGATION 3
2.1 RESEARCH 3
2.2 SUBSURFACE EXPLORATION 3
2.3 LABORATORY TESTING 3
3.0 SUBSURFACE CONDITIONS 4
3.1 SOIL CONDITIONS 4
3.2 GROUNDWATER 4
3.3 ACTIVE FAULTS 6
4.0 ANALYSES 6
4.1 SEISMICITY 6
4.2 STATIC SETTLEMENT 7
4.3 LIQUEFACTION 7
5.0 CONCLUSIONS 8
5.1 FEASIBILITY OF PROPOSED DEVELOPMENT 8
5.2 GEOLOGIC HAZARDS 8
5.2.1 Ground Rupture 8
5.2.2 Ground Shaking 8
5.2.3 Liquefaction 8
5.3 STATIC SETTLEMENT 9
5.4 EARTHWORK AND MATERIAL CHARACTERISTICS 9
5.5 SHRINKAGE AND BULKAGE 10
5.6 SOIL EXPANSION 10
5.7 FOUNDATIONS 10
5.8 CONCRETE MIX DESIGN 10
5.9 CORROSION POTENTIAL 11
5.10 PAVEMENT SECTIONS 11
5.11 PERCOLATION CHARACTERISTICS 11
6.0 LIMITATIONS 11
REFERENCES 13

FIGURES AND PLATES

Figure 1 - Site Location Map
Plate 1 - Geotechnical Map

TABLE OF CONTENTS

REPORT

APPENDICES

Appendix A - Exploration Logs
Plates A-0 through A-7

Appendix B - Laboratory Test Program
Table B – Summary of Laboratory Test Results
Plate B-1 through B-2– Grain-Size Distribution Plots
Plates B-3 through B-6 – Consolidation Plots
Plates B-7– Direct Shear Plot

APPENDIX C – Liquefaction Analysis
Plates C-1 through C-3 – Analysis of Liquefaction Potential/Settlement

1.0 INTRODUCTION

1.1 PURPOSE AND SCOPE

The purpose of our work was to evaluate the feasibility of proposed site development in order to assist you in your land acquisition evaluation and due-diligence review. The scope of our work for this investigation was focused primarily on the geotechnical issues that we expect could have significant fiscal impacts on future site development. While this report is comprehensive for feasibility purposes, it is not intended for final design purposes. As such, additional geotechnical studies may be warranted based on our review of future rough grading plans and foundation plans. The scope of our work for this investigation included the following:

- Review of published geologic and seismic data for the site and surrounding area
- Exploratory drilling and soil sampling
- Laboratory testing of select soil samples
- Engineering analyses of data obtained from our review, exploration, and laboratory testing
- Evaluate site seismicity, liquefaction potential, and settlement potential
- Preparation of this report

1.2 SITE LOCATION AND DESCRIPTION

The site is located at the address of 7360 Foster Bridge Boulevard within the city of Downey, California. The site is bordered by Foster Bridge Boulevard to the east, Suva Street to the southwest, a residential property to the north and a storage facility to the west. The location of the site and its relationship to the surrounding areas are shown in Figure 1, Site Location Map.

The site is currently occupied by what appears to be a church in the south corner of the property. The remaining portions of the site are covered in asphalt associated with interior driveways and parking for the church. Planter spaces are also present on site primarily along the edges of the pavement. Vegetation onsite consists of medium to large sized trees within the planters and grass.

Drainage on site appears to be primarily sheet flow and directed east and south west towards the roadways. An inlet structure is present within the parking areas within the westerly portion of the site and appears to run south and connect to Suva Street.

A retaining wall is present along the north and portion of the western property line. The wall at its maximum height is 8 feet and retains approximately 5 feet.

N

FIGURE 1-SITE LOCATION MAP

Proposed Multi-Family Residential Development
7360 Foster Bridge Boulevard, Downey, California

NOT TO SCALE

1.3 PROPOSED DEVELOPMENT

Based on the provided conceptual plan, site development is anticipated to consist of 4 buildings of multi-family 3-story, wood-framed buildings at grade. Associated interior driveways, decorative hardscape, parking areas and underground utilities are also anticipated. The referenced plan currently indicates that the proposed residential structures are planned more than 30 feet from the north retaining wall.

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

2.0 INVESTIGATION

2.1 RESEARCH

We have reviewed the referenced geologic publications, maps, and historical aerial photos of the vicinity. Data from these sources were utilized to the development of some of our findings and conclusions presented in this report.

Research of aerial photographs indicate that prior to 1963, the site was used for agricultural purposes. By 1963, a single building was present in the location of the church and may in fact be the church. However, it does not appear that asphalt is present. The surrounding areas also have been developed with exception of the storage facility to the west. By 1987, the remained of the site has been paved with asphalt and the storage facility to the west has been developed. The site appears to have remained relatively unchanged since.

2.2 SUBSURFACE EXPLORATION

Subsurface exploration for this investigation was conducted on January 25, 2023 and consisted of drilling four (4) soil borings to a maximum depth of approximately 51.5 feet below the existing ground surface (bgs). The borings were drilled using a truck-mounted, continuous-flight, hollow-stem-auger drill rig. Representatives of *Albus & Associates, Inc*. logged the exploratory borings. Visual and tactile identifications were made of the materials encountered, and their descriptions are presented on the Exploration Logs in Appendix A. The approximate locations of the borings are shown on the enclosed Geotechnical Map, Plate 1.

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

Two percolation test wells (P-1 and P-2) were drilled adjacent to exploratory boring B-1 for subsequent percolation testing.

2.3 LABORATORY TESTING

Selected samples of representative earth materials from the borings were tested in our laboratory. Tests consisted of in-situ moisture and dry density, maximum dry density and optimum moisture content, expansion index, soluble sulfate content, grain size analysis, percent passing No. 200 sieve, consolidation/collapse potential, atterberg limits, direct shear, and corrosivity. Descriptions of laboratory testing and a summary of the test results are presented in Appendix B and on the exploration log in Appendix A.

3.0 SUBSURFACE CONDITIONS

3.1 SOIL CONDITIONS

Artificial fill material contacts varied onsite, however are anticipated to be generally 2 feet deep with exception of localized areas. A retaining wall exists along the north and west property lines and retains approximately 5 feet at the northwest corner before tapering off heading south and east. Fill depths are anticipated to vary along the retaining wall. Additionally, concrete debris was encountered in B-4 at 4 feet, however this may be localized and associated with past construction or close proximately to the gate nearby. The materials onsite are typically silty sands that are damp to moist and loose, and grayish brown.

Alluvial deposits were encountered below the fill materials to the maximum depths explored of 51.5 feet. The materials were typically interbedded with a predominance of coarse grained materials. The materials consisted of silty sands, sandy silts, and sands which were moist and loose to medium dense. Materials exhibited lower blow counts in the upper 6-10 feet and were typically loose.

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

3.2 GROUNDWATER

Groundwater was not encountered during this firm's subsurface exploration to a depth of 51.5 feet. The CDMG Special Report 034 suggests that historic high groundwater for the subject site is about 9 feet below the ground surface. We researched online groundwater well data in the Los Angeles County Public Works database and found two wells located around the site. The locations of the two wells are depicted on Figure 2. Data from these wells spans from 1950 to 2011. The recorded depths to groundwater from these wells are plotted on Figure 3.

As indicated by Figure 3, both wells indicate that groundwater has remained below a depth of 50 feet since 1950. The pattern in the plot makes it clear that both wells are measuring the same aquifer system. We can therefore reasonably assume this data set can represent the conditions below the site.

© 2023 Google

N

FIGURE 2 - Groundwater Well Location Map

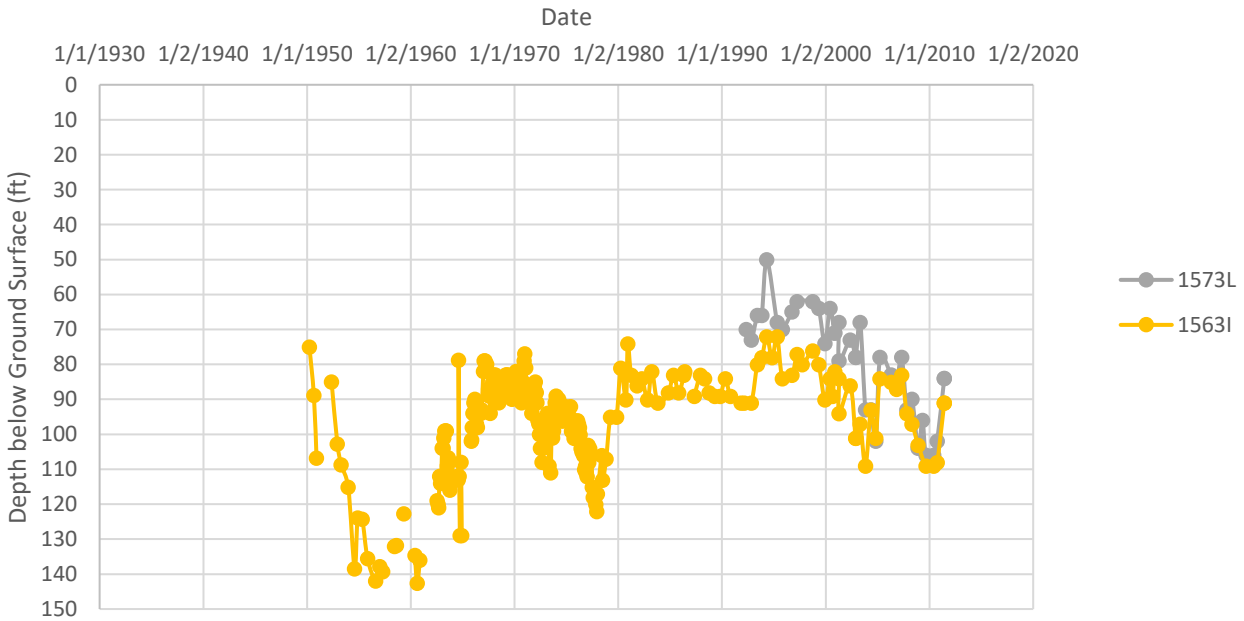


FIGURE 3 - Ground Water Data

3.3 ACTIVE FAULTS

Based on our review of the referenced publications and seismic data, no active faults are known to project through or immediately adjacent the subject sites and the sites do not lie within an "Earthquake Fault Zone" as defined by the State of California in Earthquake Fault Zoning Act. Table 3.1 presents a summary of known seismically active faults within 10 miles of the sites based on the 2008 USGS National Seismic Hazard Maps.

TABLE 3.1
Summary of Active Faults

Name	Distance (miles)	Slip Rate (mm/yr.)	Preferred Dip (degrees)	Slip Sense	Rupture Top (km)	Fault Length (km)
Puente Hills (LA)	0.12	0.7	27	thrust	2.1	22
Puente Hills (Santa Fe Springs)	3.95	0.7	29	thrust	2.8	11
Elsinore;W+GI+T+J+CM	5.42	n/a	84	strike slip	0	241
Elsinore;W+GI	5.42	n/a	81	strike slip	0	83
Elsinore;W+GI+T	5.42	n/a	84	strike slip	0	124
Elsinore;W+GI+T+J	5.42	n/a	84	strike slip	0	199
Elsinore;W	5.42	2.5	75	strike slip	0	46
Elysian Park (Upper)	6.6	1.3	50	reverse	3	20
Puente Hills (Coyote Hills)	7.29	0.7	26	thrust	2.8	17
Newport Inglewood Connected alt 2	8.97	1.3	90	strike slip	0	208
Newport Inglewood Connected alt 1	9.26	1.3	89	strike slip	0	208
Newport-Inglewood, alt 1	9.26	1	88	strike slip	0	65

4.0 ANALYSES

4.1 SEISMICITY

Following ASCE7-16, Section 21.5.3, the mapped Maximum Considered Earthquake Geometric Mean (MCE_G) peak ground acceleration is PGA_M = 0.834g. Additional evaluation will be necessary to determine the site-specific value to be used for evaluation of liquefaction, lateral spreading, seismic settlements, and other soil-related issues. Based on the results of deaggregation analysis performed using USGS Unified Hazard Tool, the mean event associated with a probability of exceedance equal to 2% over 50 years has a moment magnitude of 6.9 and the mean distance to the seismic source is 6.7 miles.

4.2 STATIC SETTLEMENT

Analyses were performed to estimate settlement of footings for the anticipated loading conditions and configurations. Loading conditions for the proposed foundations are not known at this time. Based on previous experience, we have assumed the maximum load will not exceed 3 kips/ft. for continuous footing loads and 75 kips per column loads.

Based on the anticipated foundation loads and provided the existing surficial materials are removed and recompacted to provide a uniform layer of engineered compacted fill, the total and differential static settlements are not anticipated to exceed 1 inch and ½-inch over 30 feet, respectively, for the proposed residential structures.

4.3 LIQUEFACTION

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

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

The site is located within a State-designated zone of potentially liquefiable soils. Additionally, historic groundwater is at 9 feet. The site is also predominately underlain by coarse grained materials which are susceptible to liquefaction. However, groundwater was not encountered to a maximum depth explored of 51.5 feet. Review of groundwater data from two nearby wells suggests that groundwater has not risen above 50 feet since 1950 and has predominantly been below a depth of 70 feet. As a result, the potential for liquefaction to occur beneath the site is considered very low.

However, if the local jurisdiction agency were to require an evaluation of liquefaction potential, our analysis indicates that liquefaction may occur below the site during periods of strong ground motion. Our analyses indicate liquefaction could lead to a total seismic settlement (saturated and dry) of the ground surface of up to approximately 3.9 inches due to seismic consolidation during liquefaction. Given this condition, differential settlement due to seismic settlement would likely be on the order of ½ of the total seismic settlement or approximately 2 inches over 30 feet.

Due to the adjacent concrete-lined Rio Hondo channel to southeast, analyses were performed to evaluate the potential for lateral spreading. Significant lateral displacement is not likely since the average corrected blowcount ($N1_{60}$) within the liquefiable zone at depths between 9 and 21 feet is greater than 15.

If hazards from liquefaction were likely, these hazards can be mitigated to the extent required to reduce seismic risk to “acceptable levels”. The use of well-reinforced foundations, such as post-tensioned slabs, grade beams with structural slabs, or mat foundations, have been proven to adequately provide basal support for similar structures during comparable liquefaction events.

5.0 CONCLUSIONS

5.1 FEASIBILITY OF PROPOSED DEVELOPMENT

From a geotechnical point of view, the proposed site development is considered feasible. Furthermore, it is also our opinion that the proposed development will not adversely impact the stability of adjoining properties. The adequacy and sufficiency of the preliminary findings and conclusions provided herein should be assessed based upon the final grading and structural plans. A supplemental geotechnical investigation report will be required for design, permitting and construction.

5.2 GEOLOGIC HAZARDS

5.2.1 Ground Rupture

From a geotechnical point of view, the proposed site development is considered feasible. Furthermore, it is also our opinion that the proposed development will not adversely impact the stability of adjoining properties. The adequacy and sufficiency of the preliminary findings and conclusions provided herein should be assessed based upon the final grading and structural plans. A supplemental geotechnical investigation report will be required for design, permitting and construction.

5.2.2 Ground Shaking

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

5.2.3 Liquefaction

The site is mapped with a historical high groundwater level of approximately 9 feet, however as discussed above, groundwater is anticipated to remain below 50 feet for the life of the project. Therefore, the potential for liquefaction at the site is very low. In the event that the local jurisdictional agency will still require liquefaction analyses, we have performed an evaluation of liquefaction potential.

Based on our analyses, liquefaction may occur below the site during periods of strong ground motion using historic high groundwater. Our analyses indicate liquefaction could lead to a total seismic settlement (saturated and dry) of the ground surface of up to approximately 3. 9 inches due to seismic consolidation during liquefaction. Given this condition, differential settlement due to seismic settlement would likely be on the order of ½ of the total seismic settlement or approximately 2.0 inches over 30 feet.

The potential for lateral spreading is not considered likely since the average corrected blowcount ($N1_{60}$) within the liquefiable zone at depths between 9 and 21 feet is greater than 15.

5.3 STATIC SETTLEMENT

Our exploration and laboratory testing indicated that portions of the underlying soils are relatively loose. However, provided the existing artificial fill soils are removed and recompacted, total and differential static settlement can likely be limited to a maximum of 1 inch and ½-inch over 30 feet, respectively. These estimated magnitudes of static settlements are considered within tolerable limits for the proposed residential structures.

5.4 EARTHWORK AND MATERIAL CHARACTERISTICS

In general, the existing fill materials are considered unsuitable in their existing condition to support proposed structural fills and site development. This condition can be mitigated by removal and recompaction of unsuitable soils. The anticipated depth of removal to mitigate structural load-induced settlement below the proposed residential buildings, retaining walls, and pavement is on the order of 2-4 feet below existing ground surface. As mentioned previously, some localized areas of fill up to 6 feet may be present onsite. A minimum of 2 feet of engineered fill should be placed to support the proposed buildings and retaining walls.

Temporary construction slopes and trench excavations can likely be cut vertically up to a height of 4 feet within the onsite materials provided that no surcharging of the excavations is present. Temporary excavations greater than 4 feet in height will likely require side laybacks to 1:1 (H:V) or flatter to mitigate the potential for sloughing. Vertical excavations exposing sandy materials will likely have no tolerance for a vertical cut and require laybacks at a 1.5:1 gradient (H:V). Site materials may be prone to sloughing and possible caving if allowed to dry. The sandy materials will limit vertical excavations along the property line.

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

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

An existing retaining wall is present along the north and west properly lines. This wall is estimated to be retaining upwards of 5 feet within the northwest corner before tapering off heading south and east. The current conceptual plan suggests that proposed buildings are planned greater than 30 feet from the existing retaining wall along the north. In such a case, no special grading techniques are anticipated at this time. However, if the proposed layout is altered, then special considerations may be required in order to excavate along this wall. Additionally, any structures proposed near the wall will need to be supported such that surcharge loads are not applied to the existing wall.

Off-site improvements exist near the property lines. The presence of the existing offsite improvements may limit removals of unsuitable materials adjacent the property lines. Therefore, construction of perimeter site walls may require deepened footings and/or additional reinforcement and additional control joints, where removals are restricted by property boundaries. The proposed perimeter walls may require A-B-C slot construction, in areas of sandy materials or where wall heights exceed 4 feet. Grading for Building 4 may also require A-B-C slot cutting techniques.

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

The site soils encountered during our investigation were generally below or near optimum moisture content and will require the addition of water to achieve proper compaction.

5.5 SHRINKAGE AND BULKAGE

Volumetric changes in earth quantities will occur when excavated onsite soil materials are replaced as properly compacted fill. We estimate the existing upper earth materials will shrink up to approximately 20 percent due to the varying densities throughout the site. Subsidence of removal bottoms is estimated to be on the order of 0.2 feet. The estimates of shrinkage are intended as an aid for project engineers in determining earthwork quantities. However, these estimates should be used with some caution since they are not absolute values. Contingencies should be made for balancing earthwork quantities based on actual swelling and bulkage that occurs during the grading process.

5.6 SOIL EXPANSION

Based on laboratory testing and USCS visual manual classification, the near-surface sandy soils within the site are generally anticipated to possess a **Very Low** expansion potential. Additional testing for soil expansion will be required subsequent to rough grading and prior to construction of foundations and other concrete work to confirm these conditions.

5.7 FOUNDATIONS

Conventional shallow spread and continuous footings may be utilized to support the proposed residential buildings and wall structures at the site. However, if liquefaction potential is considered to be a hazard, post-tensioned foundations may be used. Considering the **Very Low** expansion potential, the foundations for the proposed structures and other site improvements, such as retaining walls, screen walls, and flatwork, will likely require only nominal reinforcement and depths.

5.8 CONCRETE MIX DESIGN

Laboratory testing of onsite soil indicates negligible soluble sulfate content. Concrete designed to follow the procedures provided in ACI 318, Section 4.3, Table 4.3.1 for **negligible** sulfate exposure are anticipated to be adequate for mitigation of sulfate attack on concrete. Upon completion of rough

grading, an evaluation of as-graded conditions and further laboratory testing will be required for the site to confirm or modify the conclusions provided in this section.

5.9 CORROSION POTENTIAL

Laboratory testing of onsite soil indicates indicate a chloride content of 67.5 ppm, and a pH of 7.3. Based on laboratory test results, site soils are **Corrosive** to metals. Structures fabricated from metals should have appropriate corrosion protection if they will be in direct contact with site soils. Under such conditions, a corrosion specialist should provide specific recommendations.

5.10 PAVEMENT SECTIONS

Existing near-surface sandy soils are anticipated to have a moderate R-value. Based on the assumed R-value of 30 and a traffic index of 5, a preliminary pavement structural section of 3 inches asphaltic concrete over 6 inches of aggregate base, may be used for planning and estimating purpose. R-value testing will be required subsequent to rough grading and prior to construction of interior driveways to confirm these conditions.

5.11 PERCOLATION CHARACTERISTICS

Groundwater was not encountered to the maximum depth explored of 51.5 feet at the time of our investigation and nearby groundwater data suggest groundwater may be approximately 80 feet. Soils located within the upper 20 feet are primarily sandy in nature with high infiltration rates. Between depths of 20-25 feet, some finer grained silty material was encountered and is anticipated to yield a relatively low infiltration rate. Below a depth of 30 feet, materials encountered were predominately sandy in nature with high infiltration rates.

Preliminary analyses indicate that a dry well could likely provide a peak measured infiltration flow of approximately 0.206 cfs and the chamber empties within approximately 0.43 hours. The typical dry well is estimated to be 32 feet deep. We understand the Design Capture Volume (DCV) will be about 3,500 ft^3. Assuming a factor of safety of 3.0 applied to our estimated flow rate of the dry well, we estimate the DCV can be treated within the required 96 hours using one dry well. We also estimate the system will require an additional retention storage of 445 cubic feet placed upstream of the dry well. This retention storage can be accommodated by pipe or vault systems. Further percolation testing and/or evaluation may be necessary based on review of preliminary WQMP design plans.

6.0 LIMITATIONS

This report is based on the proposed development and geotechnical data as described herein. The materials described herein and in other literature are believed representative of the total project area, and the conclusions contained in this report are presented on that basis. However, soil materials can vary in characteristics between points of exploration, both laterally and vertically, and those variations could affect the conclusions and recommendations contained herein. As such, observation and testing

by a geotechnical consultant prior to and during the grading and construction phases of the project are essential to confirming the basis of this report.

This report summarizes several geotechnical topics that should be beneficial for project planning and budgetary evaluations. *The information presented herein is intended only for a preliminary feasibility evaluation and **is not** intended to satisfy the requirements of a site specific and detailed geotechnical investigation required for further planning and permitting.*

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

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

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

Respectfully submitted,

ALBUS & ASSOCIATES, INC

Paul Hyun Jin Kim
Associate Engineer
GE 3106

REFERENCES

Publications

Abrahamson, N.A., Silva, W.J., and Kamai, R., 2014, "Update of the AS08 Ground-Motion Prediction Equations Based on the NGA-West2 Data Set." Earthquake Spectra 30 (3): 1179-1197.

California Department of Conservation Division of Mines and Geology (CDMG), 1998, "Seismic Hazard Zone Report for the South Gate 7.5-Minute Quadrangles, Los Angeles County, California," Seismic Hazard Zone Report 034.

California Geologic Survey, 2008, Guidelines for Evaluating and Mitigating Seismic Hazards in California, Special Publication 117A.

Field, E.H., Biasi, G.P., Bird, P., Dawson, T.E., Felzer, K.R., Jackson, D.D., Johnson, K.M., Jordan, T.H., Madden, C., Michael, A.J., Milner, K.R., Page, M.T., Parsons, T., Powers, P.M., Shaw, B.E., Thatcher, W.R., Weldon, R.J., II, and Zeng, Y., 2013, Uniform California earthquake rupture forecast, version 3 (UCERF3)—The time-independent model: U.S. Geological Survey Open-File Report 2013–1165, 97 p., California Geological Survey Special Report 228, and Southern California Earthquake Center Publication 1792, http://pubs.usgs.gov/of/2013/1165/.

Historic Aerials by Netronline, accessed 2022. https://www.historicaerials.com/

Youd, T.L., Idriss, I.M., Andrus, R.D., Arango, I., Castro, G., Christian, J., Dobry, R., Finn, W.D.L., Harder, L.F., Hynes, M.E., Ishihara, K., Koester, J.P., Liao, S.S.C., Marcuson, W.F., Martin, G.R., Mitchell, J.K., Moriwaki, Y., Power, M.S., Robertson, P.K., Seed, R.B., and Stokoe, K.H., 2001, "Liquefaction Resistance of Soils: Summary Report from the 1996 NCEER and 1998 NCEER/NSF Workshops on Evaluation of Liquefaction Resistance of Soils", ASEC Journal of Geotechnical and Geoenvironmental Engineering, October 2001.

Plans

Conceptual Site Plan, option 6f, Downey – Foster Bridge & Bluff, prepared by ktgy, dated February 1, 2023

Google 2023

Base Provided By ktgy

EXPLANATION

(Locations Approximate)

- Exploratory Boring
- Percolation Test Boring

ALBUS ASSOCIATES

GEOTECHNICAL MAP

Job No.: 3128.00	Date: 01/30/2023	Plate: 1

APPENDIX A

EXPLORATION LOGS

Field Identification Sheet

Light gray

Gray

Dark gray

Gray Brown

Light brown

Brown

Dark Brown

Olive brown

Olive

Yellow

Yellowish brown

Yellowish red

Red

Reddish Brown

Tan

Description Order:

Description, Color, Moisture, Density, Grain Size, Additional Description

Description	%	Example
	0-5	Sand
trace	5-15	Sand trace Silt
with	15-30	Sand with Silt
	30+	Silty Sand

More Examples

Sand with Silt trace Clay

Sand trace Silt and Clay

Sand with Silt and Clay

Gravelly Sand with Silt trace Clay

Silty Clay with Sand trace Gravel

Moisture

Dry	absence of water
Damp	below optimum
Moist	near optimum
Very Moist	above optimum
Wet	free water visible

Density (Navfac)

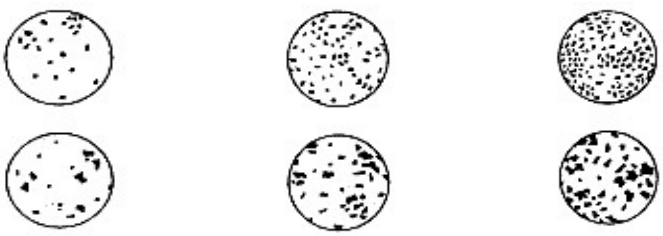
Coarse grained soils	SPT	CA
Very Loose	0-3	0-5
Loose	3-8	5-13
Medium Dense	8-14	13-22
Dense	14-25	22-40
Very Dense	25>	40>
Fine grained soils		
Very Soft	2<	0-3
Soft	2-4	3-6
Medium Stiff	4-8	6-13
Stiff	8-15	13-24
Very Stiff	15-30	24-48
Hard	30>	48>

Grain Size

Description		Sieve Size	Approx. Size
Boulders		>12"	Larger than basketball
Cobbles		3-12"	Fist to basketball
Gravel	coarse	3/4-3"	Thumb to Fist
	fine	#4-3/4"	Pea to Thumb
Sand	coarse	#10-4	Rock Salt to Pea
	medium	#40-10	Sugar to Rock Salt
	fine	#200-40	Flour to Sugar
Fines		Pass #200	Smaller than Flour

Additional Description (ie. roots, pinhole pores, debris, etc.)

Trace 5% Moderate 15% Abundant 30%



EXPLORATION LOG

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

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

EXPLORATION LOG B-1

JOB NO.	CLIENT/PROJECT	DAY	DATE
3128.00	The Olson Company	Wednesday	2023-01-25

LOCATION	LATITUDE	LONGITUDE	ELEVATION
7360 Foster Bridge Boulevard, Downey	33.96576	-118.13692	131.9

LOGGED BY	DRILLER	DRILL METHOD	DRIVING WEIGHT
ddalbus	2R Drilling	Hollow-Stem Auger	140 lbs / 30 in

DEPTH	DESCRIPTION	H2O	COR	BAG	BLOW COUNT	MC (%)	DD (pcf)	LAB
0	Asphalt 5 inches							max ei so4 ph ch
1	Base 1.5 inches							
2	**Artificial Fill (Af)** Silty Sand (SM): grayish brown, moist, loose, fine to medium grained				7	15.3	100.7	
3								
4	**Alluvium (Qal)** Silty Sand (SM): grayish brown, moist, fine grained, some roots				18	6.2	89.5	
5	@ 4 ft, medium dense							
6	Sand trace Silt (SP): grayish brown, damp to moist, loose, fine grained				10	8.1	95.3	consol
7								
8	Sand with Silt (SP): grayish brown, moist, loose, fine grained							
9								
10	Sand (SP): gray, damp, medium dense, fine to medium				22	1.4	95.2	
11								
12								
13								
14								
15					14			sa
16								
17								
18								
19								
20					11			
21	Sandy Silt / Silty Sand (ML/SM): grayish brown, moist, fine grained							
22	Sandy Silt (ML): grayish brown, moist, medium dense, fine grained							
23								
24								

EXPLORATION LOG B-1

JOB NO.	CLIENT/PROJECT	DAY	DATE
3128.00	The Olson Company	Wednesday	2023-01-25

LOCATION	LATITUDE	LONGITUDE	ELEVATION
7360 Foster Bridge Boulevard, Downey	33.96576	-118.13692	131.9

LOGGED BY	DRILLER	DRILL METHOD	DRIVING WEIGHT
ddalbus	2R Drilling	Hollow-Stem Auger	140 lbs / 30 in

DEPTH	LITHO	DESCRIPTION	H2O	COR	BAG	BLOW COUNT	MC (%)	DD (pcf)	LAB
26		Sandy Silt (ML): grayish brown, moist, medium dense, fine grained				15			200 att
30		Sand with Silt (SP): light reddish brown, damp, very dense, fine to medium grained				53			200
35		Sand trace Silt (SP): light reddish brown, damp, very dense, fine to coarse grained				39			
40		@ 40 ft, fine to medium grained				41			sa
45		@ 45 ft, occasional lens of fine grained materials				33			200

EXPLORATION LOG B-1

JOB NO.	CLIENT/PROJECT	DAY	DATE
3128.00	The Olson Company	Wednesday	2023-01-25

LOCATION	LATITUDE	LONGITUDE	ELEVATION
7360 Foster Bridge Boulevard, Downey	33.96576	-118.13692	131.9

LOGGED BY	DRILLER	DRILL METHOD	DRIVING WEIGHT
ddalbus	2R Drilling	Hollow-Stem Auger	140 lbs / 30 in

DEPTH	LITHO	DESCRIPTION	H2O	COR	BAG	BLOW COUNT	MC (%)	DD (pcf)	LAB
51		Sand with Silt (SP): light reddish brown, moist, very dense, fine to medium				55			
52		Total Depth 51.5 feet No Groundwater							
53									
54									
55									
56									
57									
58									
59									
60									
61									
62									
63									
64									
65									
66									
67									
68									
69									
70									
71									
72									
73									
74									

EXPLORATION LOG B-2

JOB NO.	CLIENT/PROJECT	DAY	DATE
3128.00	The Olson Company	Wednesday	2023-01-25

LOCATION	LATITUDE	LONGITUDE	ELEVATION
7360 Foster Bridge Boulevard, Downey	33.96624	-118.13676	131.5

LOGGED BY	DRILLER	DRILL METHOD	DRIVING WEIGHT
ddalbus	2R Drilling	Hollow-Stem Auger	140 lbs / 30 in

DEPTH	DESCRIPTION	H2O	COR	BAG	BLOW COUNT	MC (%)	DD (pcf)	LAB
0	Asphalt 4 inches							
	Base 2 inches							
2	**Artificial Fill (Af)** Silty Sand (SM): grayish brown, moist, loose, fine to medium				6	5.4	100.9	
4	**Alluvium (Qal)** Silty Sand (SM): grayish brown, moist, loose, fine grained				7	17.9	80.9	consol
6	@ 4 ft, coarse grained lens				5	12.8	83.2	consol
7	@ 6 ft, very loose							
10	@ 10 ft, medium dense				17	2.6	94.5	
11	Sand (SP): gray, damp, medium dense, fine to medium grained							
15					7			
17	Total Depth 16.5 feet No Groundwater							

EXPLORATION LOG B-3

JOB NO.	CLIENT/PROJECT	DAY	DATE
3128.00	The Olson Company	Wednesday	2023-01-25

LOCATION	LATITUDE	LONGITUDE	ELEVATION
7360 Foster Bridge Boulevard, Downey	33.96613	-118.13637	132.1

LOGGED BY	DRILLER	DRILL METHOD	DRIVING WEIGHT
ddalbus	2R Drilling	Hollow-Stem Auger	140 lbs / 30 in

DEPTH	LITHO	DESCRIPTION	H2O	COR	BAG	BLOW COUNT	MC (%)	DD (pcf)	LAB
		Asphalt 6 inches							
1		Base 1 inch							
2		**Artificial Fill (Af)** Silty Sand (SM): grayish brown, damp, loose, fine grained		■		6	3.7	96.9	
3				■					
4		**Alluvium (Qal)** Silty Sand (SM): grayish brown, damp, loose, fine grained		■		10	4.1	95.8	
5				■					
6		@ 4 ft, trace pinhole pores							
		Sand with Silt (SP): light gray, dry to damp, medium dense, fine grained		■		14	3.6	103.4	
7				■					
8									
9									
10				■		19	12.7	111.4	consol
11				■					
		Sandy Silt (ML): grayish brown, moist, medium dense, fine grained							
12		Total Depth 11.5 feet No Groundwater							
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									

EXPLORATION LOG B-4

JOB NO.	CLIENT/PROJECT	DAY	DATE
3128.00	The Olson Company	Wednesday	2023-01-25

LOCATION	LATITUDE	LONGITUDE	ELEVATION
7360 Foster Bridge Boulevard, Downey	33.96586	-118.13636	134.9

LOGGED BY	DRILLER	DRILL METHOD	DRIVING WEIGHT
ddalbus	2R Drilling	Hollow-Stem Auger	140 lbs / 30 in

DEPTH	LITHO	DESCRIPTION	H2O	COR	BAG	BLOW COUNT	MC (%)	DD (pcf)	LAB
		Asphalt 6 inches							
1		2 inches							
2		**Artificial Fill (Af)** Silty Sand (SM): grayish brown, damp to moist, loose, fine grained				13	7	103.7	
3									
4						5	8	89.6	
5									
6		**Alluvium (Qal)** Silty Sand (SM): grayish brown, damp to moist, loose, fine grained				14	12.6	101.9	
7									
8		@ 4 ft, very loose, concrete debris							
9		@ 6 ft, medium dense, more fines, trace pinhole pores							
10		@ 10 ft, trace pinhole pores				26	19.3	109.4	
11		Sandy Silt (ML): grayish brown, moist, very stiff, fine grained							
12		Total Depth 11.5 feet No Groundwater							
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									

APPENDIX B

LABORATORY TEST PROGRAM

LABORATORY TESTING PROGRAM

Soil Classification

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

In Situ Moisture and Density

Moisture content and unit dry density of in-place soil materials were determined in representative strata. Test data are summarized in the Boring Logs, Appendix A.

Maximum Dry Density and Optimum Moisture Content

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

Expansion Potential

An Expansion Index test was performed on a selected sample in accordance with ASTM D 4829. The test result and expansion potential are presented in Table B.

Soluble Sulfate Content

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

Atterberg Limits

Atterberg Limits (Liquid Limit, Plastic Limit, and Plasticity Index) were performed in accordance with Test Method ASTM D4318. Pertinent test values are presented within Table B-1.

Particle Size Analyses

Particle size analyses were performed on representative samples of site materials in accordance with ASTM D 422-63. The results are presented graphically on the attached Plates B-1 through B-2.

Consolidation

Consolidation tests were performed for selected soil samples in general conformance with ASTM D 2435. Axial loads were applied in several increments to a laterally restrained 1-inch-high sample. Loads were applied in geometric progression by doubling the previous load, and the resulting deformations were recorded at selected time intervals. Results of the tests are graphically presented on Plates B-3 thru B-6.

Percent Passing the No. 200 Sieve

Percent of material passing the No. 200 sieve was determined on selected samples to verify visual classifications performed in the field. These tests were performed in accordance with ASTM D1140-00. Test results are presented on Table B.

Direct Shear

Direct shear testing was performed for a selected soil sample remolded to 90 percent of the maximum dry density. This test was performed in general accordance with ASTM D3080-04. Three specimens were prepared for the test. The test specimens were artificially saturated, and then sheared under varied normal loads at a constant rate. The results are graphically presented on Plate B-7.

Corrosion

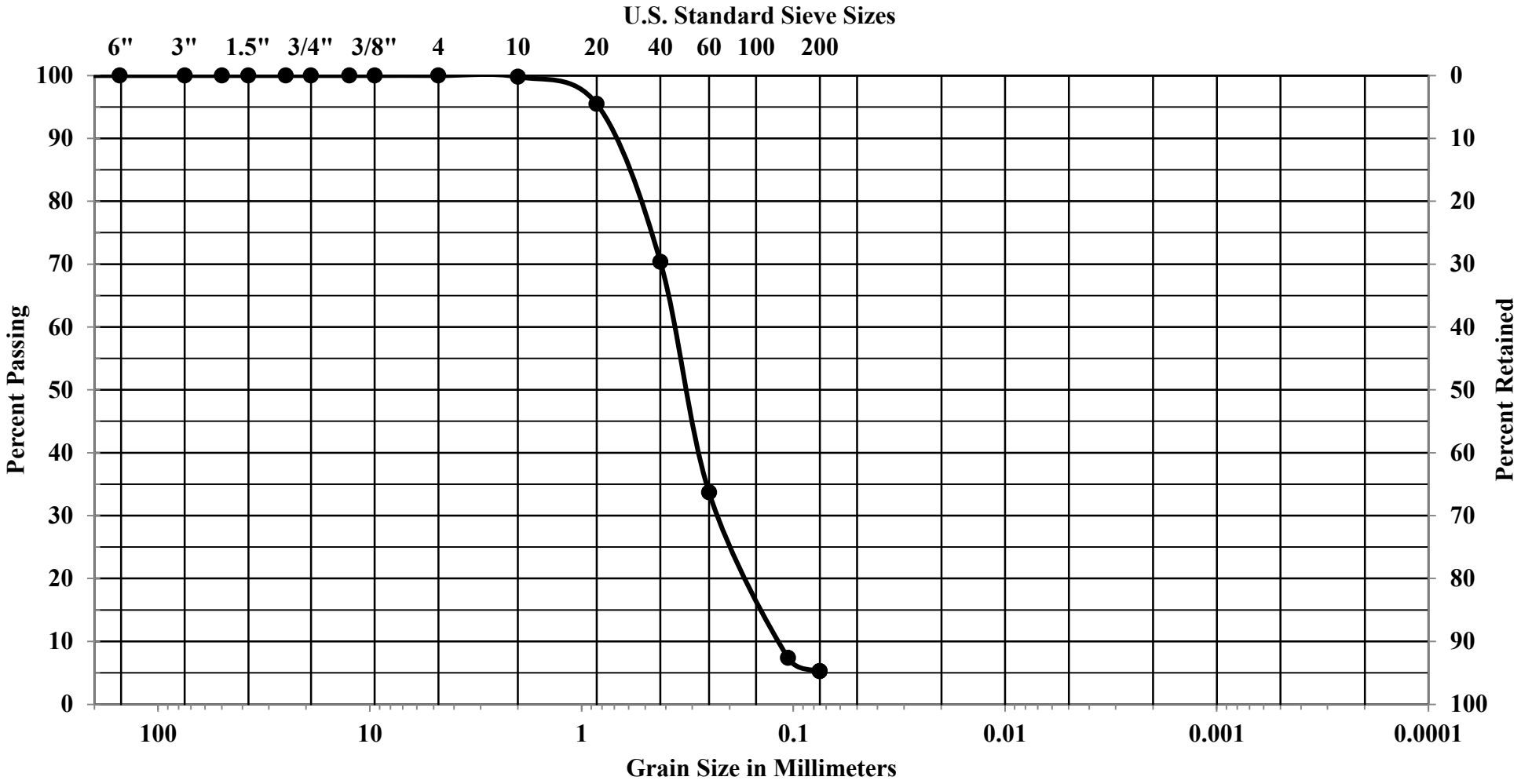
Select samples were tested for minimum resistivity and pH in accordance with California Test Method 643. Results of these tests are provided in Table B-1.

TABLE B
SUMMARY OF LABORATORY TEST RESULTS

Boring No.	Sample Depth (ft)	Soil Description	Test Results	
B-1	0-5	Sand with Silt (SP)	Max. Dry Density (pcf): Opt. Moisture Content (%): Expansion Index: Expansion Potential: Soluble Sulfate Content: Sulfate Exposure: pH: Chloride content (ppm):	129.0 9 9 Very Low 0.001 % Negligible 7.3 67.5
B-1	25	Sandy Silt (ML)	Liquid Limit: Plastic Index:	34 10
B-1	30	Sandy Silt (ML)	Passing #200 Sieve (%):	72
B-1	30	Sand with Silt (SP)	Passing #200 Sieve (%):	22.7
B-1	45	Sand trace Silt (SP)	Passing #200 Sieve (%):	10.5

GRAIN SIZE DISTRIBUTION

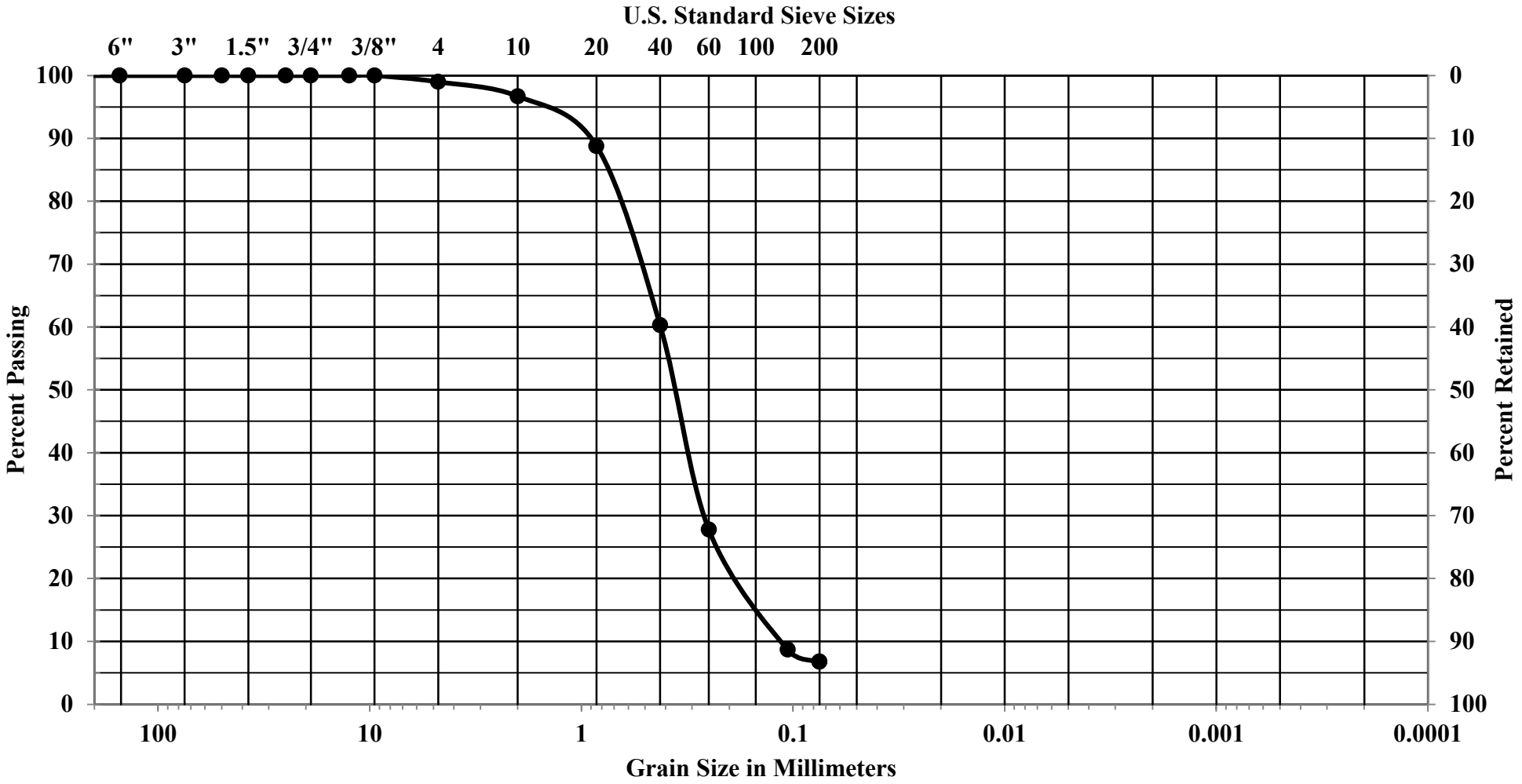
COBBLES	GRAVEL		SAND			SILT AND CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



Job Number	Location	Depth	Description
3128.00	B-1	15	Sand (SP)

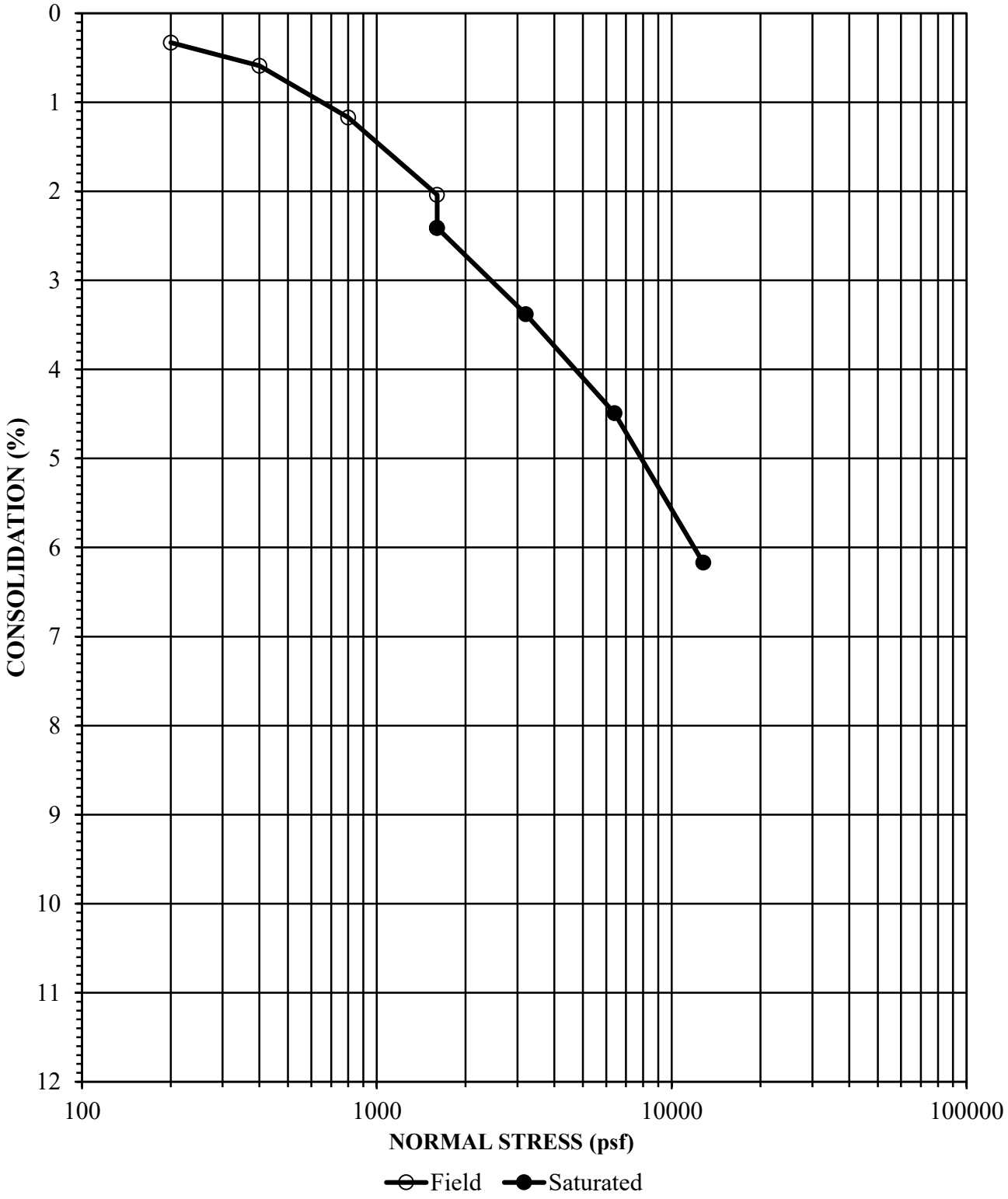
GRAIN SIZE DISTRIBUTION

COBBLES	GRAVEL		SAND			SILT AND CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



Job Number	Location	Depth	Description
3128.00	B-1	40	Sand trace Silt (SP)

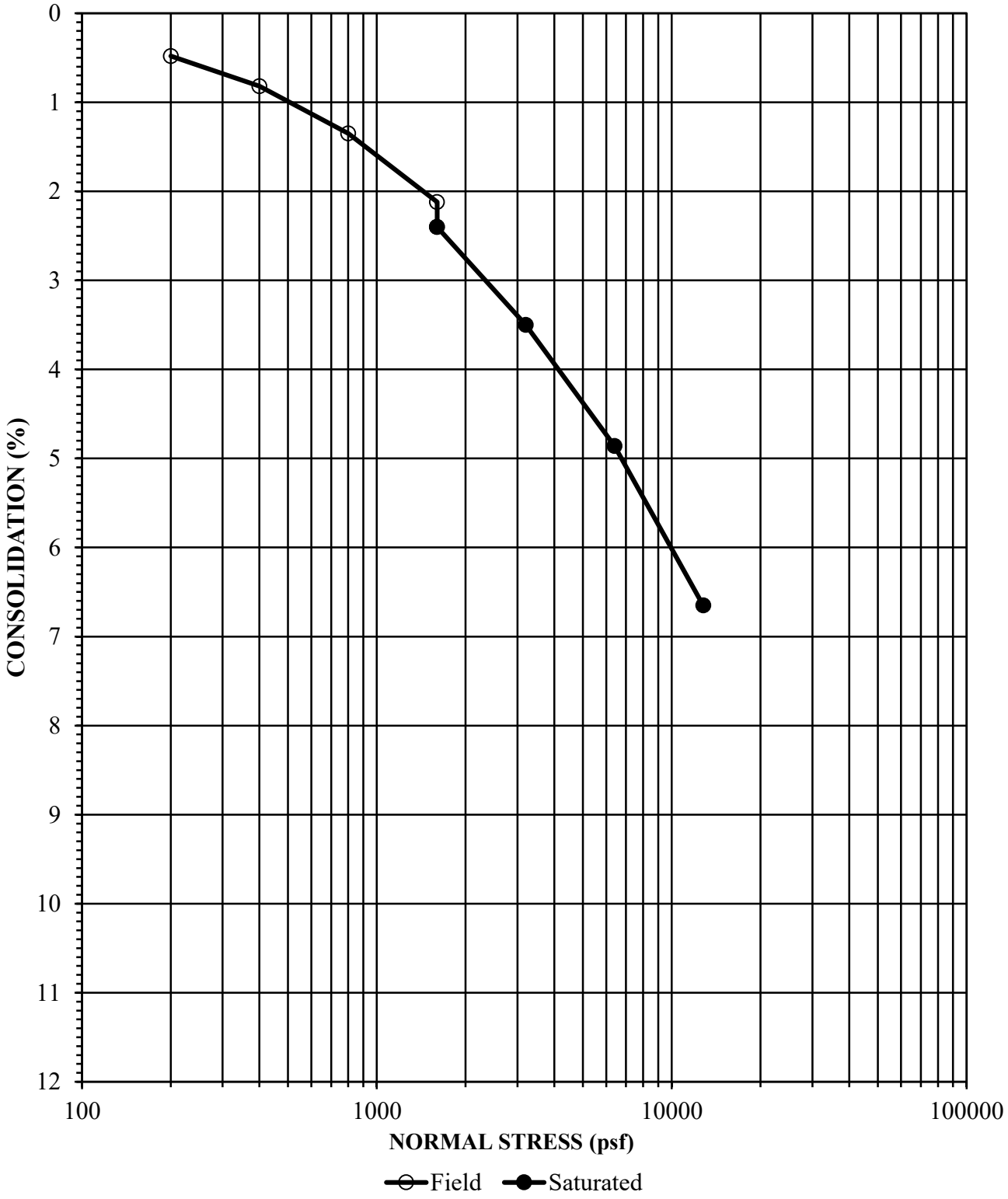
CONSOLIDATION



Job Number	Location	Depth	Description
3128.00	B-2	4	Sand with Silt (SP)

Initial Dry Density (pcf)	Initial Moisture Content (%)	Final Moisture Concent (%)

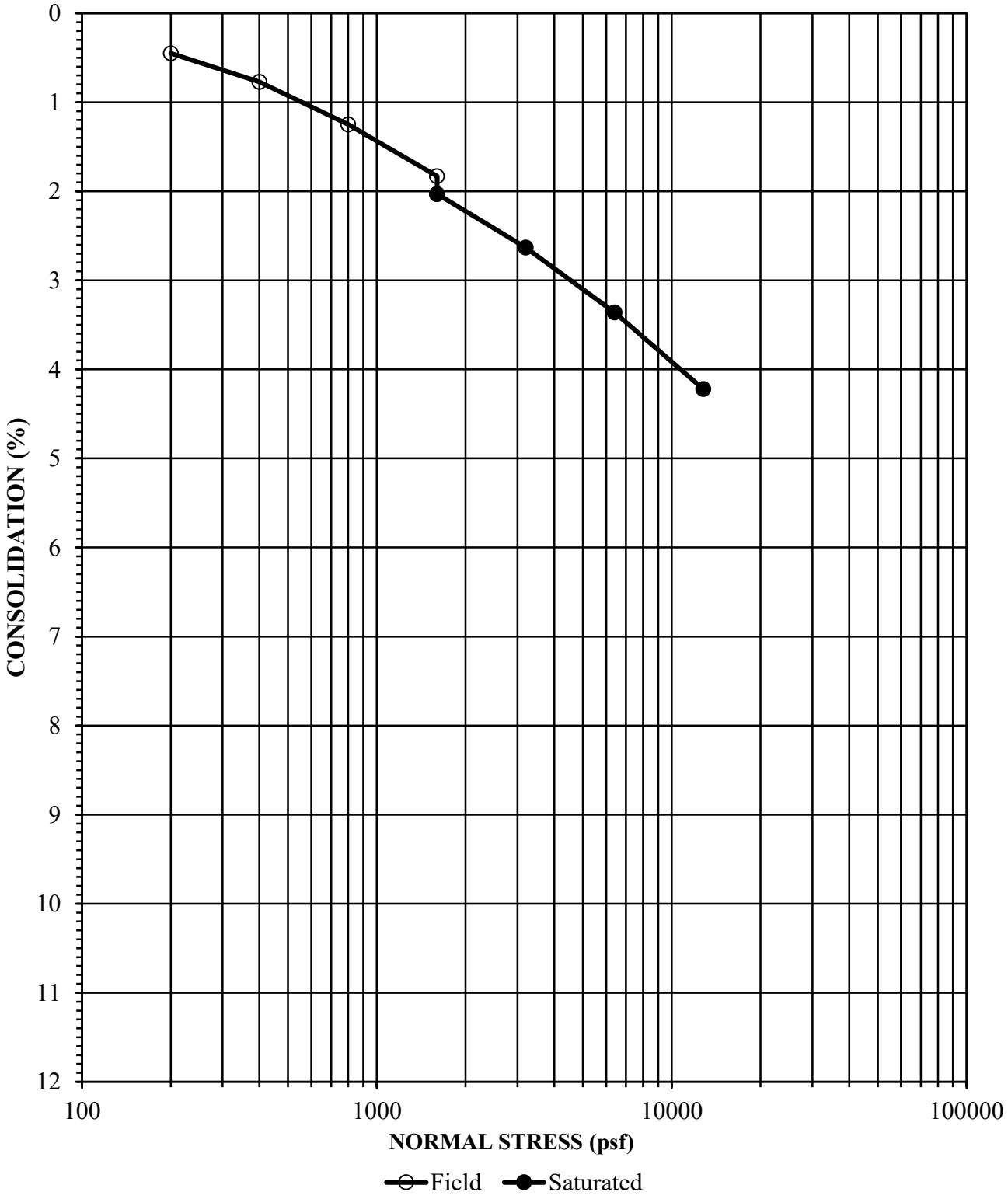
CONSOLIDATION



Job Number	Location	Depth	Description
3128.00	B-2	6	Silty Sand (SM)

Initial Dry Density (pcf)	Initial Moisture Content (%)	Final Moisture Concent (%)

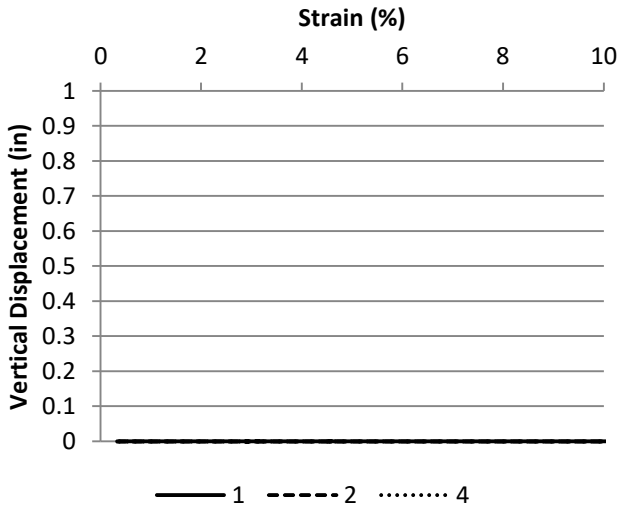
CONSOLIDATION

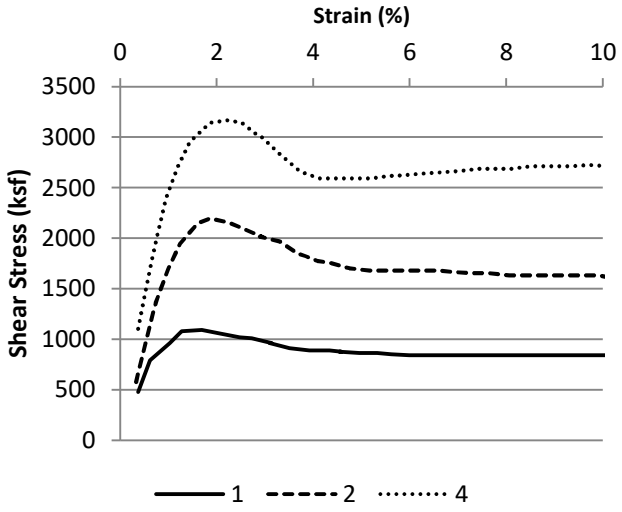


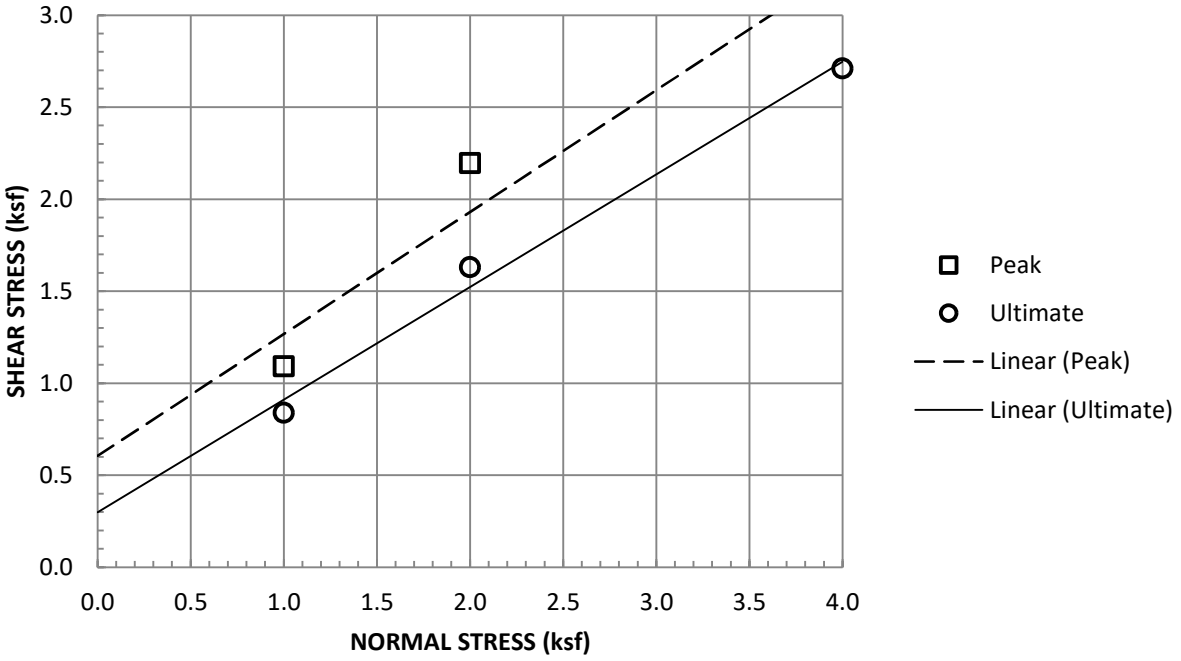
Job Number	Location	Depth	Description
3128.00	B-3	10	Sandy Silt (ML)

Initial Dry Density (pcf)	Initial Moisture Content (%)	Final Moisture Concent (%)

DIRECT SHEAR







Sample Type:	Remolded, Saturated		
Normal Stress (ksf)	1	2	4
Peak Shear Stress (ksf)	1.092	2.196	3.168
Peak Displacement (in)	0	0	0
Ultimate Shear Stress (ksf)	0.84	1.632	2.712
Ultimate Displacement (in)	1092	2196	3168
Initial Dry Density (pcf)	115.8	115.8	115.7
Initial Moisture Content (%)	9	9	9
Final Moisture Content (%)	16.3	15.4	16
Strain Rate (in/min)	0.01		

Job Number	Location	Depth	Description
3128.00	B-1	0-5	Sand with Silt (ML)

APPENDIX C

LIQUEFACTION ANALYSES

TABLE C-1
ANALYSIS OF LIQUEFACTION POTENTIAL
BORING: B-1 (2%PE in 50 yrs; FS=1.3)

SM

Client: Olson Company
J.N. 3128.00
Site: Downey

Hammer Type (D,S,A)	A			
Boring Diameter, ID (in)	4			
Site Acceleration (g)	0.834			
for a Magnitude (Mw) of	6.92			
and MSF of	1.27			
Depth to High GW	9	ft.	FS for Liquefaction:	1.3
Depth to GW during invest.	100	ft.	FS for Liqu. Settlement:	1.3
Hammer Efficiency	90.1	%	PI Threshold for Liquefaction:	12
Sublayer Thickness	1	ft.	Moisture Cnt Threshold for Liqu. (%LL)	85
Depth of Boring	50	ft.		

Notes: Underlined numbersare estimated values.
(1) Based on current groundwater conditions at the time of investigation.
(2) Based on assumed/proposed high groundwater conditions.
(3) Kα=1.0

(4) A Layer is located above historically high groundwater
B Factor of Saftey is greater than the specified value of FS=1.3
C The $(N_1)_{60\text{-}cs}$ is greater than 30 blows per foot
D PI > 12 or the in situ moisture content (M%) < 85% LL

Reference: Youd, T.L., et.al., (2001), "Liquefaction Resistance of Soils: Summary Report From The 1996 NCEER and 1998 NCEER/NSF Workshops on Evaluation of Liquefaction Resistance of Soils", ASCE Journal of Geotechnical and Geoenvironmental Engineering, Vol.127, No.10, pp.817-833, October, 2001.

Layer Label	Depth Interval (ft) Top	Depth Interval (ft) Bottom	Layer Mid-Depth (ft)	Soil Type (USCS)	Fines <#200 Sieve (%)	LL (%)	PI	M (%)	Field Nf (bls/ft)	Sample Type SPT/CA	Soil Wet Density (pcf)	Total Stress (psf)(1)	Effec. Stress (psf)(1)	C_n	C_e	C_b	C_r	C_L	$(N_1)_{60}$ (lbs/ft)	α	β	$(N_1)_{60\text{-}cs}$ (lbs/ft)	Effec. Stress (psf)(2)	R_d	CRR (M=7.5)	Kσ	CSR	FS (3)	To Liquefy Y/N?	Reason(4) not Liquifiable
																												1.30		
1	0.0	1.0	0.5	SM	35				50	ca	100	50	50	1.7	1.50	1.00	0.75	1.0	53.6	5.0	1.20	69.3	50	1.00	NA	1.00	0.54	NA	N	A
1	1.0	2.0	1.5	SM	35				50	ca	100	150	150	1.7	1.50	1.00	0.75	1.0	53.6	5.0	1.20	69.3	150	1.00	NA	1.00	0.54	NA	N	A
1	2.0	3.0	2.5	SM	35				50	ca	100	250	250	1.7	1.50	1.00	0.75	1.0	52.6	5.0	1.20	68.1	250	0.99	NA	1.00	0.54	NA	N	A
1	3.0	4.0	3.5	SM	35				50	ca	100	350	350	1.6	1.50	1.00	0.75	1.0	50.7	5.0	1.20	65.9	350	0.99	NA	1.00	0.54	NA	N	A
1	4.0	5.0	4.5	SM	35				50	ca	100	450	450	1.6	1.50	1.00	0.75	1.0	49.0	5.0	1.20	63.8	450	0.99	NA	1.00	0.54	NA	N	A
2	5.0	6.0	5.5	SP	10				50	ca	100	550	550	1.5	1.50	1.00	0.75	1.0	47.4	0.9	1.02	49.3	550	0.99	NA	1.00	0.54	NA	N	A
3	6.0	7.0	6.5	SP	20				10	ca	100	650	650	1.5	1.50	1.00	0.80	1.0	9.8	3.6	1.08	14.2	650	0.99	NA	1.00	0.54	NA	N	A
3	7.0	8.0	7.5	SP	20				10	ca	100	750	750	1.4	1.50	1.00	0.80	1.0	9.5	3.6	1.08	13.9	750	0.98	NA	1.00	0.54	NA	N	A
3	8.0	9.0	8.5	SP	20				10	ca	100	850	850	1.4	1.50	1.00	0.80	1.0	9.2	3.6	1.08	13.6	850	0.98	NA	1.00	0.54	NA	N	A
3	9.0	10.0	9.5	SP	20				10	ca	100	950	950	1.3	1.50	1.00	0.85	1.0	9.5	3.6	1.08	13.9	919	0.98	0.15	1.00	0.54	0.35	Y	
4	10.0	11.0	10.5	SP	5				22	ca	115	1208	1208	1.2	1.50	1.00	0.85	1.0	19.5	0.0	1.00	19.5	1114	0.98	0.21	1.00	0.58	0.46	Y	
4	11.0	12.0	11.5	SP	5				22	ca	115	1323	1323	1.2	1.50	1.00	0.85	1.0	18.9	0.0	1.00	18.9	1167	0.97	0.20	1.00	0.60	0.43	Y	
4	12.0	13.0	12.5	SP	5				22	ca	115	1438	1438	1.2	1.50	1.00	0.85	1.0	18.3	0.0	1.00	18.3	1219	0.97	0.20	1.00	0.62	0.40	Y	
4	13.0	14.0	13.5	SP	5				22	ca	115	1553	1553	1.1	1.50	1.00	0.85	1.0	17.8	0.0	1.00	17.8	1272	0.97	0.19	1.00	0.64	0.38	Y	
4	14.0	15.0	14.5	SP	5				22	ca	115	1668	1668	1.1	1.50	1.00	0.85	1.0	17.3	0.0	1.00	17.3	1324	0.97	0.18	1.00	0.66	0.35	Y	
5	15.0	16.0	15.5	SP	5				14	spt	115	1783	1783	1.1	1.50	1.00	0.85	1.2	23.0	0.0	1.00	23.0	1377	0.96	0.26	1.00	0.68	0.48	Y	
5	16.0	17.0	16.5	SP	5				14	spt	115	1898	1898	1.0	1.50	1.00	0.90	1.2	23.7	0.0	1.00	23.7	1430	0.96	0.27	1.00	0.70	0.49	Y	
5	17.0	18.0	17.5	SP	5				14	spt	115	2013	2013	1.0	1.50	1.00	0.90	1.2	23.1	0.0	1.00	23.1	1482	0.96	0.26	1.01	0.70	0.47	Y	
5	18.0	19.0	18.5	SP	5				14	spt	115	2128	2128	1.0	1.50	1.00	0.90	1.2	22.5	0.0	1.00	22.5	1535	0.96	0.25	1.00	0.72	0.44	Y	
5	19.0	20.0	19.5	SP	5				14	spt	115	2243	2243	1.0	1.50	1.00	0.90	1.2	22.0	0.0	1.00	22.0	1587	0.96	0.24	0.99	0.74	0.41	Y	
6	20.0	21.0	20.5	SP	5				11	spt	110	2255	2255	1.0	1.50	1.00	0.90	1.2	17.2	0.0	1.00	17.2	1537	0.95	0.18	0.99	0.76	0.30	Y	
7	21.0	22.0	21.5	ML	50				11	SPT	110	2365	2365	0.9	1.50	1.00	0.90	1.2	16.8	5.0	1.20	25.2	1585	0.95	0.30	0.99	0.76	0.49	Y	
8	22.0	23.0	22.5	ML	72				15	spt	115	2588	2588	0.9	1.50	1.00	0.95	1.2	23.2	5.0	1.20	32.8	1745	0.95	NA	0.97	0.76	NA	N	C
8	23.0	24.0	23.5	ML	72				15	spt	115	2703	2703	0.9	1.50	1.00	0.95	1.2	22.7	5.0	1.20	32.2	1798	0.95	NA	0.96	0.78	NA	N	C
8	24.0	25.0	24.5	ML	72				15	spt	115	2818	2818	0.9	1.50	1.00	0.95	1.2	22.2	5.0	1.20	31.6	1850	0.94	NA	0.95	0.78	NA	N	C
9	25.0	26.0	25.5	ML	72				15	spt	115	2933	2933	0.8	1.50	1.00	0.95	1.2	21.7	5.0	1.20	31.0	1903	0.94	NA	0.95	0.78	NA	N	C
9	26.0	27.0	26.5	ML	72				15	spt	115	3048	3048	0.8	1.50	1.00	0.95	1.2	21.2	5.0	1.20	30.5	1956	0.94	NA	0.94	0.80	NA	N	C
9	27.0	28.0	27.5	ML	72				15	spt	115	3163	3163	0.8	1.50	1.00	0.95	1.2	20.8	5.0	1.20	30.0	2008	0.94	0.47	0.93	0.80	0.69	Y	
9	28.0	29.0	28.5	ML	72				15	spt	115	3278	3278	0.8	1.50	1.00	0.95	1.2	20.4	5.0	1.20	29.5	2061	0.93	0.44	0.92	0.80	0.64	Y	
9	29.0	30.0	29.5	ML	72				15	spt	115	3393	3393	0.8	1.50	1.00	1.00	1.2	21.1	5.0	1.20	30.3	2113	0.93	NA	0.92	0.82	NA	N	C
10	30.0	31.0	30.5	SP	22.7				53	spt	120	3660	3660	0.7	1.50	1.00	1.00	1.2	71.2	4.0	1.10	82.2	2318	0.93	NA	0.90	0.80	NA	N	C
10	31.0	32.0	31.5	SP	22.7				53	spt	120	3780	3780	0.7	1.50	1.00	1.00	1.2	69.8	4.0	1.10	80.7	2376	0.92	NA	0.89	0.80	NA	N	C
10	32.0	33.0	32.5	SP	22.7				53	spt	120	3900	3900	0.7	1.50	1.00	1.00	1.2	68.5	4.0	1.10	79.2	2434	0.91	NA	0.89	0.80	NA	N	C
10	33.0	34.0	33.5	SP	22.7				53	spt	120	4020	4020	0.7	1.50	1.00	1.00	1.2	67.2	4.0	1.10	77.9	2491	0.90	NA	0.88	0.78	NA	N	C
10	34.0	35.0	34.5	SP	22.7				53	spt	120	4140	4140	0.7	1.50	1.00	1.00	1.2	66.0	4.0	1.10	76.5	2549	0.89	NA	0.88	0.78	NA	N	C
11	35.0	36.0	35.5	SP	10				39	spt	120	4260	4260	0.7	1.50	1.00	1.00	1.2	47.7	0.9	1.02	49.6	2606	0.89	NA	0.87	0.78	NA	N	C
11	36.0	37.0	36.5	SP	10				39	spt	120	4380	4380	0.7	1.50	1.00	1.00	1.2	46.9	0.9	1.02	48.8	2664	0.88	NA	0.86	0.78	NA	N	C
11	37.0	38.0	37.5	SP	10				39	spt	120	4500	4500	0.7	1.50	1.00	1.00	1.2	46.1	0.9	1.02	48.0	2722	0.87	NA	0.86	0.78	NA	N	C
11	38.0	39.0	38.5	SP	10				39	spt	120	4620	4620	0.6	1.50	1.00	1.00	1.2	45.3	0.9	1.02	47.2	2779	0.86	NA	0.85	0.78	NA	N	C
11	39.0	40.0	39.5	SP	10				39	spt	120	4740	4740	0.6	1.50	1.00	1.00	1.2	44.6	0.9	1.02	46.4	2837	0.85	NA	0.85	0.78	NA	N	C
12	40.0	41.0	40.5	SP	10				41	spt	120	4860	4860	0.6	1.50	1.00	1.00	1.2	46.1	0.9	1.02	48.0	2894	0.85	NA	0.84	0.78	NA	N	C
12	41.0	42.0	41.5	SP	10				41	spt	120	4980	4980	0.6	1.50	1.00	1.00	1.2	45.3	0.9	1.02	47.2	2952	0.84	NA	0.83	0.76	NA	N	C
12	42.0	43.0	42.5	SP	10				41	spt	120	5100	5100	0.6	1.50	1.00	1.00	1.2	44.6	0.9	1.02	46.5	3010	0.83	NA	0.83	0.76	NA	N	C
12	43.0	44.0	43.5	SP	10				41	spt	120	5220	5220	0.6	1.50	1.00	1.00	1.2	43.9	0.9	1.02	45.8	3067	0.82	NA	0.82	0.76	NA	N	C
12	44.0	45.0	44.5	SP	10				41	spt	120	5340	5340	0.6	1.50	1.00	1.00	1.2	43.3	0.9	1.02	45.1	3125	0.81	NA	0.82	0.76	NA	N	C
13	45.0	46.0	45.5	SP	10.5				33	spt	120	5460	5460	0.6	1.50	1.00	1.00	1.2	34.3	1.0	1.02	36.2	3182	0.81	NA	0.81	0.74	NA	N	C
13	46.0	47.0	46.5	SP	10.5				33	spt	120	5580	5580	0.6	1.50	1.00	1.00	1.2	33.8	1.0	1.02	35.6	3240	0.80	NA	0.81	0.74	NA	N	C
13	47.0	48.0	47.5	SP	10.5				33	spt	120	5700	5700	0.6	1.50	1.00	1.00	1.2	33.3	1.0	1.02	35.1	3298	0.79	NA	0.80	0.74	NA	N	C
13	48.0	49.0	48.5	SP	10.5				33	spt	120	5820	5820	0.6	1.50	1.00	1.00	1.2	32.8	1.0	1.02	34.6	3355	0.78	NA	0.80	0.74	NA	N	C
13	49.0	50.0	49.5	SP	10.5				33	spt	120	5940	5940	0.5	1.50	1.00	1.00	1.2	32.3	1.0	1.02	34.2	3413	0.77	NA	0.80	0.72	NA	N	C

TABLE C-2
LIQUEFACTION INDUCED SETTLEMENT
BORING B-1 (2%PE in 50 yrs; FS=1.3)

Client: Olson Company

J.N. 3128.00

Site: Downey

Notes:

(1) Effective ER=55% normalized standard penetration resistance for clean sands, $(N_1)_{60\text{-}cs}$*1.1 (Seed, 1994).

(2) Volumetric strain (Ishihara and Yoshimine, 1992) using $(N_1)_{55\text{-}cs}$.

(3) Volumetric strain (Tokimatsu and Seed, 1987) using $(N_1)_{60\text{-}cs}$.

									Total δ (in.)	3.37	2.92	3.15
Depth Interval (ft)		Soil layer thickness (ft)	Fines <#200 Sieve (%)	$(N_1)_{60\text{-}cs}$	$(N_1)_{55\text{-}cs}$ (1)	FS	IY Percent ε_v (2)	CSR*	TS Percent ε_v (3)	IY δ (in.)	TS δ (in.)	Ave δ (in.)
Top	Bottom											
0.00	1.00	1.00	35	69.3	76.3	NA	0.00	0.54	NA	NA	NA	0
1.00	2.00	1.00	35	69.3	76.3	NA	0.00	0.54	NA	NA	NA	0
2.00	3.00	1.00	35	68.1	74.9	NA	0.00	0.54	NA	NA	NA	0
3.00	4.00	1.00	35	65.9	72.5	NA	0.00	0.54	NA	NA	NA	0
4.00	5.00	1.00	35	63.8	70.2	NA	0.00	0.54	NA	NA	NA	0
5.00	6.00	1.00	10	49.3	54.2	NA	0.00	0.54	NA	NA	NA	0
6.00	7.00	1.00	20	14.2	15.6	NA	0.00	0.54	NA	NA	NA	0
7.00	8.00	1.00	20	13.9	15.2	NA	0.00	0.54	NA	NA	NA	0
8.00	9.00	1.00	20	13.6	14.9	NA	0.00	0.54	NA	NA	NA	0
9.00	10.00	1.00	20	13.9	15.3	0.3	2.77	0.54	2.06	0.33	0.25	0.29
10.00	11.00	1.00	5	19.5	21.4	0.5	2.09	0.58	1.68	0.25	0.20	0.23
11.00	12.00	1.00	5	18.9	20.8	0.4	2.14	0.60	1.72	0.26	0.21	0.23
12.00	13.00	1.00	5	18.3	20.2	0.4	2.19	0.62	1.75	0.26	0.21	0.24
13.00	14.00	1.00	5	17.8	19.6	0.4	2.25	0.64	1.78	0.27	0.21	0.24
14.00	15.00	1.00	5	17.3	19.0	0.4	2.31	0.66	1.81	0.28	0.22	0.25
15.00	16.00	1.00	5	23.0	25.3	0.5	1.78	0.68	1.52	0.21	0.18	0.20
16.00	17.00	1.00	5	23.7	26.1	0.5	1.70	0.70	1.50	0.20	0.18	0.19
17.00	18.00	1.00	5	23.1	25.4	0.5	1.76	0.70	1.52	0.21	0.18	0.20
18.00	19.00	1.00	5	22.5	24.8	0.4	1.82	0.72	1.54	0.22	0.19	0.20
19.00	20.00	1.00	5	22.0	24.2	0.4	1.87	0.74	1.57	0.22	0.19	0.21
20.00	21.00	1.00	5	17.2	18.9	0.3	2.33	0.76	1.81	0.28	0.22	0.25
21.00	22.00	1.00	50	25.2	27.7	0.5	1.56	0.76	1.44	0.19	0.17	0.18
22.00	23.00	1.00	72	32.8	36.1	NA	0.00	0.76	NA	NA	NA	0
23.00	24.00	1.00	72	32.2	35.4	NA	0.00	0.78	NA	NA	NA	0
24.00	25.00	1.00	72	31.6	34.8	NA	0.00	0.78	NA	NA	NA	0
25.00	26.00	1.00	72	31.0	34.1	NA	0.00	0.78	NA	NA	NA	0
26.00	27.00	1.00	72	30.5	33.5	NA	0.00	0.80	NA	NA	NA	0
27.00	28.00	1.00	72	30.0	33.0	0.7	0.69	0.80	1.30	0.08	0.16	0.12
28.00	29.00	1.00	72	29.5	32.4	0.6	0.85	0.80	1.31	0.10	0.16	0.13
29.00	30.00	1.00	72	30.3	33.3	NA	0.00	0.82	NA	NA	NA	0
30.00	31.00	1.00	23	82.2	90.4	NA	0.00	0.80	NA	NA	NA	0
31.00	32.00	1.00	23	80.7	88.7	NA	0.00	0.80	NA	NA	NA	0
32.00	33.00	1.00	23	79.2	87.2	NA	0.00	0.80	NA	NA	NA	0
33.00	34.00	1.00	23	77.9	85.6	NA	0.00	0.78	NA	NA	NA	0
34.00	35.00	1.00	23	76.5	84.2	NA	0.00	0.78	NA	NA	NA	0
35.00	36.00	1.00	10	49.6	54.6	NA	0.00	0.78	NA	NA	NA	0
36.00	37.00	1.00	10	48.8	53.7	NA	0.00	0.78	NA	NA	NA	0
37.00	38.00	1.00	10	48.0	52.8	NA	0.00	0.78	NA	NA	NA	0
38.00	39.00	1.00	10	47.2	51.9	NA	0.00	0.78	NA	NA	NA	0
39.00	40.00	1.00	10	46.4	51.0	NA	0.00	0.78	NA	NA	NA	0
40.00	41.00	1.00	10	48.0	52.7	NA	0.00	0.78	NA	NA	NA	0
41.00	42.00	1.00	10	47.2	51.9	NA	0.00	0.76	NA	NA	NA	0
42.00	43.00	1.00	10	46.5	51.1	NA	0.00	0.76	NA	NA	NA	0
43.00	44.00	1.00	10	45.8	50.3	NA	0.00	0.76	NA	NA	NA	0
44.00	45.00	1.00	10	45.1	49.6	NA	0.00	0.76	NA	NA	NA	0
45.00	46.00	1.00	11	36.2	39.8	NA	0.00	0.74	NA	NA	NA	0
46.00	47.00	1.00	11	35.6	39.2	NA	0.00	0.74	NA	NA	NA	0
47.00	48.00	1.00	11	35.1	38.6	NA	0.00	0.74	NA	NA	NA	0
48.00	49.00	1.00	11	34.6	38.1	NA	0.00	0.74	NA	NA	NA	0
49.00	50.00	1.00	11	34.2	37.6	NA	0.00	0.72	NA	NA	NA	0

TABLE C-3
ANALYSIS OF DRY SEISMIC SETTLEMENT POTENTIAL
BORING B-1 (2%PE in 50 yrs; FS=1.3)

Client: Olson Company
J.N. 3128.00
Site: Downey

		Total Seismic Settlement of Unsaturated Soil w/ FS=2.0 (in):	0.74
		Subtotal Seismic Settlement of Unsaturated Soil (in)	0.37
		Total Thickness of Unsaturated Soil (ft)	9.0

GW Depth: 9 feet
EQ Magnitude 6.92
MSF 1.27

Layer Mid-Depth (ft.)	Soil Type	Eff. Stress σ'_{vo}(tsf)	Clean Sand $(N_1)_{60}$	CSR	(psf) τ_{avg} Avg. Shear Stress	(tsf) σ_m' Mean Bulk Stress	(tsf) G_{max} Max. Dyn.Shr. Mod.	γ_{eff} (G_{eff}/G_{max})	Eff. Cyclic Shr.Strain γ_{eff}	Eff. Cyclic Shr.Strain γ_{eff} (%)	Volume Strain (%)	EQ Mag. Factor	Layer Thickness (ft.)	Estimated Dry Sand Seismic Settlement (in.)
									Fig.11		Fig.13			
0.5	SM	0.03	69.3	0.54	27.0	0.02	230.9	5.85E-05	9.08E-05	9.08E-03	2.76E-03	1.27	1.0	0.000
1.5	SM	0.08	69.3	0.54	81.0	0.05	400.0	1.01E-04	2.42E-04	2.42E-02	7.35E-03	1.27	1.0	0.001
2.5	SM	0.13	68.1	0.54	135.0	0.08	513.3	1.32E-04	4.08E-04	4.08E-02	1.24E-02	1.27	1.0	0.001
3.5	SM	0.18	65.9	0.54	189.0	0.11	600.7	1.57E-04	6.09E-04	6.09E-02	1.85E-02	1.27	1.0	0.002
4.5	SM	0.23	63.8	0.54	243.0	0.15	674.0	1.80E-04	1.04E-03	1.04E-01	3.16E-02	1.27	1.0	0.003
5.5	SP	0.28	49.3	0.54	297.0	0.18	684.4	2.17E-04	2.89E-03	2.89E-01	8.77E-02	1.27	1.0	0.008
6.5	SP	0.33	14.2	0.54	351.0	0.21	493.2	3.56E-04	1.00E-02	1.00E+00	1.22E+00	1.27	1.0	0.115
7.5	SP	0.38	13.9	0.54	405.0	0.24	525.8	3.85E-04	1.00E-02	1.00E+00	1.25E+00	1.27	1.0	0.118
8.5	SP	0.43	13.6	0.54	459.0	0.28	555.6	4.13E-04	1.00E-02	1.00E+00	1.28E+00	1.27	1.0	0.121

This Page Intentionally Left Blank

Phase I Environmental Site Assessment

7360 Foster Bridge Boulevard
Downey, California 90240
Assessor Parcel Number (APN): 6358-015-058

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, California 90740
(562) 370-2218

SCS ENGINEERS

Project No. 01222267.00 | January 31, 2023

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806
(562) 426-9544

Table of Contents

Section Page

EXECUTIVE SUMMARY iv
1 INTRODUCTION 1
2 PURPOSE 1
3 SCOPE OF SERVICES 1
4 SPECIAL TERMS AND CONDITIONS 2
5 LIMITATIONS AND ASSUMPTIONS 2
6 GENERAL SITE CHARACTERISTICS 3
Site Location 3
General Site Description 3
Adjoining Property Use 3
7 PHYSICAL SETTING 4
Physiographic Setting 4
Geology and Soils 4
Groundwater 4
Radon 4
8 SITE INSPECTION 4
Hazardous Substances 5
Natural Drainage 5
Disturbed Areas 5
Elevators and Other Hydraulic Equipment 5
Wells 5
Electrical Equipment 5
Wastewater 5
Drinking Water 5
Storage Tanks 6
Asbestos-Containing Material ..... Error! Bookmark not defined.
Lead-Based Paint ..... Error! Bookmark not defined.
Mold ..... Error! Bookmark not defined.
Visual Inspection of Adjoining Sites 6
9 INTERVIEWS 7
10 SITE HISTORY 7
Historical Use Summary 11
Historical Use of Adjoining Sites 11
11 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION 12
Previous Environmental Reports 12
Earth Tech ..... Error! Bookmark not defined.
SCS Engineers ..... Error! Bookmark not defined.
Regulatory Agency Records ..... Error! Bookmark not defined.
California Environmental Protection Agency Files ..... Error! Bookmark not defined.
Los Angeles Regional Water Quality Control Board Files ..... Error! Bookmark not defined.

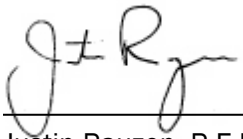
Department of Toxic Substances Control Files..... Error! Bookmark not defined.
South Coast Air Quality Management District Files..... Error! Bookmark not defined.
Los Angeles Fire Department Files..... Error! Bookmark not defined.
Other Agency???..... Error! Bookmark not defined.
12 REVIEW OF FEDERAL, STATE, TRIBAL, AND LOCAL GOVERNMENT DATABASES 13
Property Listings..... 14
Adjacent Site Listings..... Error! Bookmark not defined.
Other Database Sites..... 14
Unmappable or Orphan Sites..... 15
Landfills..... 15
Oil and Gas Wells..... 15
National Pipeline Mapping System..... 15
Local environmental Issues..... Error! Bookmark not defined.
13 USER PROVIDED INFORMATION 16
Title Records..... 16
Environmental Liens or Activity and Use Limitations..... 16
Specialized Knowledge..... 16
Valuation Reduction for Environmental Issues..... 16
14 DEGREE OF OBVIOUSNESS OF THE PRESENCE/LIKELY PRESENCE OF CONTAMINATION ON THE PROPERTY.....16
15 DATA GAPS.....17
16 FINDINGS AND OPINIONS 17
17 REFERENCES 19
18 GLOSSARY/DEFINITIONS 20

Appendices

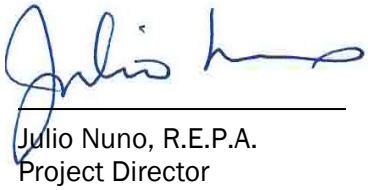
Appendix A Figures 1 through 3
Appendix B Site Photographs
Appendix C Historical Site Use Information
Appendix D Regulatory Agency Review Information
Appendix E EDR Database Report
Appendix F Resumes of Project Personnel

This Phase I Environmental Site Assessment Report for the TLG House church site located at 7360 Foster Bridge Boulevard in Downey, California, dated January 31, 2023, was prepared by Justin Rauzon and reviewed by Julio Nuno.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. The resumes for the individuals below are included in **Appendix F**. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Justin Rauzon, R.E.P.A.
Senior Project Manager
SCS ENGINEERS



Julio Nuno, R.E.P.A.
Project Director
SCS ENGINEERS

EXECUTIVE SUMMARY

SCS Engineers (SCS) was retained by The Olson Company to prepare a Phase I Environmental Site Assessment (Phase I ESA) of the TLG House church site located at 7360 Foster Bridge Boulevard, Downey, California (the "Property"). This assessment was performed in conformance with 40 CFR 312, Standards for Conducting All Appropriate Inquiries, and in general conformance with ASTM E1527-13.

The Property is located on the western side of Foster Bridge Boulevard, north of the intersection with Suva Street. It encompasses 1.279 acres developed with an approximately 8,480-square-foot religious facility occupied by TLG House. The church building is situated at the southeastern portion of the Property. Asphalt-paved parking areas are located to the north and west of the building.

The Property was undeveloped or agricultural land between 1896 and 1902. Between the 1920s and the mid-1950s, it was developed with agricultural orchards and a rural farmhouse. The church was developed in stages, beginning in the late-1950s, expanded to its current configuration with a paved asphalt parking lot around it by 1989. The construction of the church coincides with the time when the Rio Hondo was channelized to the southeast, rerouting it from its original course to the west of the Property. Today, the church parking lot sits approximately 4-6 feet higher in elevation than the adjoining residence to the north. It is likely that virgin fill material originating from the river channelization process was placed on the Property at that time, raising its elevation. In SCS' opinion, given the likely origin of this fill material, it does not represent an environmental concern. It is also SCS' opinion that, without specific evidence of pesticide storage or mismanagement on the Property, past use for agricultural purposes does not represent a significant environmental concern and collection and analysis of soil samples for pesticides is unwarranted. Our opinion is further supported by the fact that fill material likely placed on the Property during the river channelization, and former agricultural orchard soil is now 4-6 feet below current grade.

A reception lobby and the main church sanctuary are located inside the southern end of building. A social hall and kitchen are located in the central part of the building. The northern end of the building comprises two stories of Sunday School classrooms, storage rooms, and a children's nursery room. A baptismal font is situated beneath a stage floor at the eastern side of the church sanctuary room. With the exception of common household janitorial supplies, no hazardous materials were observed at the Property. The asphalt parking lot has numerous cracks and minor settling, likely a result of poor compaction.

Regulatory database information identified few known and suspected contamination sites in the area surrounding the Property. Based on a review of the available information, it is unlikely that any of these sites has negatively affected the environmental condition of the Property.

Conclusions

In summary, SCS performed a Phase I Environmental Site Assessment of the TLG House church site located at 7360 Foster Bridge Boulevard, Downey, California, in conformance with the scope and limitations of 40 CFR 312 and ASTM E1527-13. Any exceptions to, or deletions from, this practice are described in Section 5 of this report.

In the opinion of the Environmental Professionals, this assessment has revealed no evidence of conditions indicative of recognized environmental conditions. Further investigation is not recommended.

1 INTRODUCTION

SCS Engineers (SCS) was retained by The Olson Company (the "User") to prepare a Phase I Environmental Site Assessment (Phase I ESA) of the TLG House church site located at 7360 Foster Bridge Boulevard, Downey, California (the "Property"). A location map for the Property is presented as **Figure 1** in **Appendix A**. This assessment was performed in conformance with 40 CFR 312, Standards for Conducting All Appropriate Inquiries (AAI), and in general conformance with ASTM E1527-13.

2 PURPOSE

This Phase I ESA is intended to constitute appropriate inquiry into the previous ownership and uses of the Property, as required to support the assertion of the innocent landowner, contiguous property owner, and/or bona fide prospective purchaser defenses to liability (collectively the landowner liability protections, or LLPs) under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA a.k.a. Superfund), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), and the Small Business Liability Relief and Brownfields Revitalization Act of 2002.

The purpose of this investigation was to identify conditions indicative of releases or threatened releases of hazardous substances as defined in CERCLA Section 101, and petroleum products, on, at, in, or to the Property.

If known or suspected contamination is identified, Users seeking to maintain LLPs have responsibilities in addition to completion of an AAI-compliant Phase I ESA. These "continuing obligations" include taking "appropriate care" and "reasonable steps" with respect to known or suspected releases of hazardous substances during the term of property ownership. In addition to these requirements under federal law, there are different requirements under state law with respect to liability protections. On request, SCS can provide support for clients with continuing obligations, as appropriate.

3 SCOPE OF SERVICES

This Phase I ESA is based on:

- Interviews with past and/or present owners, operators, and/or occupants of the Property.
- Reviews of federal, tribal, state, and local government records.
- Visual inspections of the Property and adjoining properties performed on October 21, 2022.
- Review of historical Property use information (topographic maps, aerial photographs, fire insurance maps, existing reports, etc.).
- Commonly known or reasonably ascertainable information about the Property (e.g., interviews with appropriate regulatory agency personnel and review of agency files review of available documents, interviews with other knowledgeable persons).
- Degree of obviousness of the presence or likely presence of contamination at the Property, and the ability to detect the contamination by appropriate investigation.
- Information provided as a result of the additional inquiries conducted by the User.

4 SPECIAL TERMS AND CONDITIONS

This Phase I ESA for the TLG House church site, located in Downey, California, has been prepared specifically for The Olson Company. The report has been prepared in accordance with the care and skill generally exercised by reputable professionals, under similar circumstances, in this or similar localities. No other warranty, express or implied, is made as to the professional opinions presented herein.

No other party, known or unknown to SCS, is intended as a beneficiary of this work product, its content, or information embedded therein. Third parties use this report at their own risk. Third party reliance letters may be issued on request to SCS subject to approval of The Olson Company and payment to SCS of a fee for such letters.

5 LIMITATIONS AND ASSUMPTIONS

The investigation focuses on releases and threatened releases of hazardous substances or petroleum products that could be considered a recognized environmental condition (REC) and/or a liability due to their possible presence in significant concentrations (e.g., above acceptable limits set by the federal or state government) or due to the potential for contaminant migration through exposure pathways (e.g., soil vapor migration or groundwater ingestion). Materials that may contain substances which are not currently deemed hazardous by the U.S. Environmental Protection Agency (EPA) or California Environmental Protection Agency (CalEPA) were not considered as part of this study.

Unless specifically included in our scope of services, formal surveys for asbestos-containing materials, lead-based paints, fire safety, vapor intrusion, indoor air quality, mold, and similar matters were not part of this assessment. The Property was not evaluated for compliance with land use, zoning, wetlands, or similar laws. This report is not intended to be an environmental compliance audit.

Hazardous substances naturally occurring in plants, soils, and rocks (e.g., heavy metals, naturally occurring asbestos, or radon) are not typically considered in these investigations. Similarly, construction debris (e.g., discarded concrete, asphalt, etc.) is not considered to be of concern unless observations suggest that hazardous substances are likely to be present in significant concentrations.

Unless otherwise noted, sampling and laboratory analyses of soil, water, air, building materials, or other media, were not performed as part of this investigation. Positive identification of hazardous substances can only be accomplished through sampling and appropriate laboratory analysis.

SCS Engineers assumes no responsibility for the accuracy of information obtained from, compiled by, or provided by third-party sources, such as regulatory agency listings. Unless obviously inaccurate or if information exists to the contrary, SCS Engineers assumes that information collected during this environmental site assessment is accurate and correct. Unless warranted, information collected has not been independently validated as part of this assessment.

The following information is the responsibility of the User (40 CFR 312.22) and is addressed in a questionnaire provided to the User and attached to this report as **Appendix G**:

- Specialized knowledge or experience of the User.

- The relationship of the purchase price to the fair market value of the Property. The purchaser of a Property is required to consider whether any differential between the purchase price and the fair market value of the Property is due to the presence of releases or potential releases of hazardous substances at the Property.

Certain other limitations could affect the accuracy and completeness of this report, as follows:

- Site Access Limitations – None.
- Physical Obstructions to Observations – None.
- Outstanding Information Requests – None.
- Historical Data Sources Failure – None.
- Other Limitations – None.

6 GENERAL SITE CHARACTERISTICS

SITE LOCATION

The Property is located on the western side of Foster Bridge Boulevard, north of the intersection with Suva Street. It has been assigned Los Angeles County tax assessor parcel number (APN) 6358-015-058. An APN map is provided as **Figure 2** in **Appendix A**.

GENERAL SITE DESCRIPTION

The Property encompasses 1.279 acres developed with an approximately 8,480-square-foot religious facility occupied by TLG House. The church building is situated at the southeastern portion of the Property. Asphalt-paved parking areas are located to the north and west of the building. Limited landscaping is present around the building and parking areas.

ADJOINING SITE USE

- North – A single-family residence (7336 Foster Bridge Boulevard) adjoins the Property to the north.
- South – Suva Street adjoins the Property immediately to the south. The Cedarcrest apartment building is located across the street to the south-southwest. South Bluff Street, the Rio Hondo Bike Path, and the Rio Hondo are located to the south-southeast.
- East – Foster Bridge Boulevard extends along the eastern side of the Property. Single-family residences (6779 through 6795 Dos Rios Road) are located across the street to the east.
- West – The Nova Storage self-storage facility adjoins the Property immediately to the west. Note that there is a 0.08-acre, narrow, triangular parcel owned by Nova Storage, but which is currently situated on the church side of the wall dividing the two sites (APN: 6358-015-039). The northern part of the triangle is functionally part of the church parking lot and the southern side is covered with landscaping. This parcel is *not* part of the Property and is considered an adjoining site.

7 PHYSICAL SETTING

PHYSIOGRAPHIC SETTING

According to the U.S. Geological Survey (USGS), South Gate, California 7.5-minute topographic maps, the Property is located within the Los Angeles Basin's Coastal Plain. It is situated at an elevation of approximately 135 feet above mean sea level. The Property was historically situated on the eastern side of the Rio Hondo. Since the channelization along a new route to the southeast of the Property in the 1960s, it has been situated west of the Rio Hondo.

GEOLOGY AND SOILS

The Property overlies late Pleistocene-age sediments of the Lakewood Formation. The Lakewood Formation is described as being sedimentary in origin and consists of marine and continental gravel, sand, silty sand, silt, and clays. According to the Dibblee Geologic Map of the Los Angeles Quadrangle (1989), the Property is underlain by Quaternary alluvium consisting of unconsolidated floodplain deposits of silt, sand, and gravel. The alluvium is composed of alternating beds of medium-dense to dense sand, clay, and silt (DWR, 1961).

GROUNDWATER

According to information reviewed on the State Water Resources Control Board (SWRCB) GeoTracker website for nearby sites, shallow groundwater in the area of the Property varies significantly depending on the rate of surface water influx via percolation basins along the Rio Hondo. The Rio Hondo Spreading Grounds are located approximately 1.65 miles northeast of the Property and are a source of regional groundwater recharge. Past investigations at the nearby Enterprise Products Inc. facility (6875 East Suva Street; GeoTracker ID: T0603718199) reported groundwater depths in the area of between 50 and 60 feet below ground surface (bgs). Based on proximity and its similar elevation, first groundwater at the Property likely occurs at a similar depth. Based on surface topography, groundwater flow directly is likely to the southwest. However, flow direction and velocity may be influenced by groundwater recharge from the Rio Hondo.

RADON

According to the California Department of Public Health's February 2016 Radon Program report, screening in the area of the Property (90240 zip code) found no locations (out of 6 tested) where buildings had radon levels greater than or equal to 4 picocuries per liter (pCi/L), the EPA action level (**Appendix D**). The maximum radon result for the Property's zip code was 0.5 pCi/L. Note that elevated radon levels may also be attributed to other radon sources such as leaking natural gas or numerous building products such as drywall, cinderblock, concrete floors, brick, or stone products. Based on the available information, elevated radon gas is not expected in the area of the Property.

8 SITE INSPECTION

Justin Rauzon of SCS conducted an inspection of the Property and surrounding area on October 21, 2022. An aerial photo showing the Property boundary is included as **Figure 3** in **Appendix A**. Photographs of the Property are provided in **Appendix B**.

Access to the Property was coordinated by Mr. Steve Armanino of The Olson Company and Mr. James Cho, the broker for the Property owner. A member of the TLG House church who also works to maintain the facility provided access to the interior of the building.

A reception lobby and the main church sanctuary are located inside the southern end of building. A social hall and kitchen are located in the central part of the building. The northern end of the building comprises two stories of Sunday School classrooms, storage rooms, and a children's nursery room. A baptismal font is situated beneath a stage floor at the eastern side of the church sanctuary room.

The asphalt parking lot has numerous cracks and minor settling, likely a result of poor compaction.

HAZARDOUS SUBSTANCES

With the exception of common household janitorial products, no hazardous substances or hazardous wastes were observed at the Property.

NATURAL DRAINAGE

Natural waterways are not currently located on the Property. Stormwater runoff from the Property flows overland to surface drains or the adjoining streets, ultimately joining the municipal storm sewer.

DISTURBED AREAS

Since the Property is entirely paved except for limited landscaping no obvious disturbed areas were noted. There is some cracking in the parking lot pavement

No obvious disturbed areas were noted. There was no evidence of landfilled materials.

ELEVATORS AND OTHER HYDRAULIC EQUIPMENT

No elevators or other hydraulic equipment were observed at the Property.

WELLS

No monitoring or water supply wells were observed on the Property or in the immediately surrounding area.

ELECTRICAL EQUIPMENT

No oil-cooled electrical transformers or other equipment suspected of containing polychlorinated biphenyls (PCBs) were noted at the Property. Electrical service to the building comes from pole-mounted transformers situated on the southern side of Suva Street. Underground Service Alert (USA or DigAlert) markings were observed where the electrical lines went underground to the building on the northern side of Suva Street.

WASTEWATER

Industrial wastewater is not generated at the Property. Sanitary wastewater and wastewater from the small kitchen are directed to the municipal sanitary sewer.

DRINKING WATER

Drinking water is supplied to the Property by the City of Downey. All large public water suppliers in California have been required to test their water and comply with federal and state drinking water

standards since the mid-1980s. Consequently, lead and other contaminants of concern are not expected to be present above applicable primary and secondary drinking water standards.

STORAGE TANKS

No evidence (fill ports, vent lines, or dispensers) of underground storage tanks (USTs) was observed on the Property. No aboveground storage tanks (ASTs) were observed on the Property.

ASBESTOS-CONTAINING MATERIAL

As part of this environmental assessment, the building was inspected visually (non-invasive) for obvious signs of asbestos-containing materials (ACMs). The manufacture of most ACMs, especially potentially friable asbestos-containing construction materials, ended in the late 1970s. However, existing inventories of products could still be used. In addition, a few ACMs are still being manufactured (e.g., certain roofing materials, cement-asbestos pipe, etc.). In general, though, buildings constructed after 1985 have virtually no potential for friable ACMs and only a low potential for non-friable ACMs.

Building permits indicate that the building on the Property was constructed in stages, beginning in 1963. Consequently, ACMs may be present in a variety of building materials at the Property (e.g., in roofing felt, vinyl flooring, dry wall mud, transite sheet or pipe, etc.).

Sprayed-on acoustical ceilings, which can be considered potentially friable ACMs, were noted inside some rooms of the church building. Without sampling and analysis, it is not possible to definitely identify ACMs.

According to Ms. Doris Nguyen of The Olson Company, Albus Associates conducted a geotechnical investigation at the Property on January 25, 2023 and petromat, a potentially ACM-containing layer occasionally found beneath or between layers of asphalt, was not observed.

LEAD-BASED PAINT

Lead-based paint (LBP) has been used on structures since the late 1800s. LBP use peaked in the 1920s and gradually fell off until its ban. The U.S. Department of Housing and Urban Development (HUD) estimates that about 3 of 4 houses built before 1980 contain LBP. In 1973, the Consumer Product Safety Commission (CPSC) established a maximum lead content in paint of 0.5 percent by weight (or 1.0 mg/cm2) in a dry film of newly applied paint. In 1978, the CPSC lowered the allowable lead level in paint to 0.06 percent. The use of LBP was not prohibited until 1980. Buildings constructed or renovated between 1940 and 1980 have a much higher probability of having LBP.

The presence of LBP cannot be determined without testing. As discussed in this report, the building was first constructed in 1963, so it is possible that LBP is present.

VISUAL INSPECTION OF ADJOINING SITES

No obvious evidence of a REC or indications of contamination (e.g. remediation equipment, staining, USTs, etc.), were observed on adjoining sites during the site inspection.

9 INTERVIEWS

SCS interviewed the church facilities person during the site inspection. He provided limited information about church operations and history. He had no knowledge of environmental issues of concern.

10 SITE HISTORY

Site history was evaluated from the following sources:

- Historical U.S. Geological Survey (USGS) topographic maps provided by Environmental Data Resources (EDR) (October 20, 2022).
- Historical aerial photographs provided by EDR (October 20, 2022).
- A search was made of EDR-Sanborn collection and no maps of the Property were found (October 20, 2022).
- City of Downey Department of Building and Safety building permit information.
- A City Directory review report provided by EDR (October 25, 2022).

Copies of topographic maps, historical aerial photographs, city directories, selected building permit records, and the EDR report showing no Sanborn map coverage are included in **Appendix C**.

Year	Description	Source
1896 to 1902	The Property was undeveloped land located to the east of the Rio Hondo. The Property was located in a rural area between the Rio Hondo to the west and a dirt road to the east. A bridge over the Rio Hondo was situated north of the Property and one small structure, likely a rural farmhouse, was located across the dirt road to the east.	Topographic maps
1923	One small structure, likely a rural farmhouse, was located on the southern side of the Property. Additional small structures were located north of the Property and across the road to the east. The road was depicted as "Vernon" to the west of the Rio Hondo and "Downey" on the east side of the river.	Topographic map
1925	No significant changes from the 1923 topographic map were noted on the Property or adjoining sites.	Topographic map

Year	Description	Source
1928	The Property was depicted primarily as agricultural orchards. A rural farmhouse and non-agricultural trees were present on the eastern side of the Property. The Rio Hondo adjoined the Property to the west and the road to the east. Much of the surrounding area was also agricultural orchards, with a few farmhouse-type residences, including at adjoining areas to the north and across the road to the east.	Aerial photo
1936	No significant changes from the 1925 topographic map were noted on the Property or adjoining sites. The adjoining road was depicted as "Foster Bridge Boulevard."	Topographic map
1938	No significant changes from the 1928 aerial photograph were noted on the Property or adjoining sites. The agricultural orchards on the Property and at the surrounding area had matured.	Aerial photo
1942 and 1943	No significant changes from the 1936 topographic map were noted on the Property. A high-tension electrical line right-of-way was depicted to the southeast of the Property.	Topographic maps
1947	No significant changes from the 1938 aerial photograph and the 1943 topographic map were noted on the Property or adjoining sites.	Aerial photo and Topographic map
1949	No significant changes from the 1947 topographic map were noted on the Property or adjoining sites.	Topographic map
1952	No significant changes from the 1947 aerial photograph and the 1949 topographic map were noted on the Property. The aerial photo shows that the orchards had been removed across the street to the east of the Property. That area was being prepared for residential development.	Aerial photo and Topographic map
1953	Robert Rhoades was listed at 7356 Foster Bridge Boulevard, possibly a reference to the private owner of the historical rural farmhouse. The adjoining address to the north, 7336 Foster Bridge Boulevard, was listed as "Transient."	City directories

Year	Description	Source
1956 to 1958	Building permits were approved to construct Downey Chapel at the Property. However, notes in the building permit records suggest the construction work started, but progressed slowly and even stalled. One inspector noted construction appeared to have been abandoned.	Building permits
1961	Downey Baptist Chapel was listed at 7360 Foster Bridge Boulevard. 7336 Foster Bridge Boulevard was vacant.	City directories
1963	Building permit records indicate that a church was completed at the Property (Downey Baptist Chapel). The aerial photo shows the church structure at the southeastern corner of the Property. The historical path of the Rio Hondo remained to the west of the Property. But the current, concrete-channelized path of the river had been constructed to the southeast of the Property. Residential neighborhoods were completed to the north and east, as well as across the river to the southeast.	Aerial photo and Building permits
1964	A church was depicted on the Property. The adjoining area to the east, across Foster Bridge Boulevard, was depicted as part of the general Downey urban footprint. The map also showed the rerouted Rio Hondo, with the boundary between Bell Gardens and Downey depicted west of the Property, across the location of the current self-storage facility.	Topographic map
1970	No significant changes from the 1963 aerial photo were noted on the Property or immediately adjoining sites. The old course of the Rio Hondo was still present to the west.	Aerial photo
1972	No significant changes from the 1964 topographic map were noted on the Property or adjoining sites.	Topographic map
1976	The name of the church on the Property changed to Lord's Grace Assembly. Private individuals were listed at adjoining residential addresses.	City directories

Year	Description	Source
1977	No significant changes from the 1970 aerial photo were noted on the Property. An air conditioner was installed at the church on the Property. The apartment building was constructed across Suva Street to the southwest.	Aerial photo and Building permit
1978	Building permits were issued for perimeter chain link fencing and paving.	Building permits
1980	Building permits were issued for roof canopies and exterior doors.	Building permits
1981	No significant changes from the 1972 topographic map or the 1977 aerial photo were noted on the Property or adjoining sites.	Aerial photo and Topographic map
1983	A building permit was issued for a baptistry and shower.	Building permit
1985	Building permit records indicated that ownership of the church changed.	Building permit
1988	A building permit was issued to reroof Lords Grace of Downey church.	Building permit
1989	The footprint of the church building was expanded to its current configuration and the surrounding parking area was paved with asphalt. The self-storage facility was constructed to the west of the Property, likely after significant amount of fill was placed in the old river course to bring it up to the grade of the surrounding sites.	Aerial photo
1992	A building permit was issued for roof repairs and interior improvements.	Building permit
1994	No significant changes from the 1989 aerial photo were noted on the Property or adjoining sites.	Aerial photo
2002	No significant changes from the 1994 aerial photo were noted on the Property or adjoining sites.	Aerial photo
2005	No significant changes from the 2002 aerial photo were noted on the Property or adjoining sites.	Aerial photo
2009	No significant changes from the 2005 aerial photo were noted on the Property or adjoining sites.	Aerial photo

Year	Description	Source
2012	The 2012 topographic map does not include site-specific details. No significant changes from the 1981 topographic map or the 2009 aerial photo were noted on the Property or adjoining sites.	Aerial photo and Topographic map
2015	No significant changes from the 2012 topographic map were noted on the Property or adjoining sites.	Topographic map
2016	No significant changes from the 2012 aerial photo were noted on the Property or adjoining sites.	Aerial photo

HISTORICAL USE SUMMARY

The Property was undeveloped or agricultural land between 1896 and 1902. Between the 1920s and the mid-1950s, it was developed with agricultural orchards and a rural farmhouse. The church was developed in stages, beginning in the late-1950s, expanded to its current configuration with a paved asphalt parking lot around it by 1989. The construction of the church coincides with the time when the Rio Hondo was channelized to the southeast, rerouting it from its original course, which was to the west of the Property. Today, the church parking lot sits approximately 4-6 feet higher in elevation than the adjoining residence to the north. It is likely that virgin fill material originating from the river channelization process was placed on the Property at that time, raising its elevation. In SCS' opinion, the likely origin of this fill material does not represent an environmental concern.

The existence of past agricultural activities on the Property and in adjacent areas indicates a potential for pesticide and/or heavy metal (associated with dusting powders) contamination. In SCS's experience, it is not uncommon to find trace levels of pesticides in soils at former agricultural areas in Southern California. However, these trace concentrations are rarely cause for environmental concern. It is our opinion that, without specific evidence of pesticide storage or mismanagement on the Property, past use for agricultural purposes does not represent a significant environmental concern and collection and analysis of soil samples for pesticides is unwarranted. Furthermore, given that fill material likely placed on the Property during the river channelization, the former agricultural orchard soil is now 4-6 feet below current grade.

HISTORICAL USE OF ADJOINING SITES

As noted above, the Rio Hondo originally took a wandering path that crossed west of the Property. In 1896, a bridge crossed the river north of the Property. Online sources indicate that Foster Bridge was originally constructed in 1874 and rebuilt in 1904. Foster Bridge Road was located east of the Property. A few rural farmhouses and agricultural orchards surrounded the Property in the early-1900s. In the 1950s, residential areas replaced orchards to the north and east, and the Rio Hondo had been channelized to the southeast. The apartment building was developed to the south, across Suva.

11 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

In order to identify commonly known or reasonably ascertainable information about the Property, SCS attempted to review previous environmental reports and various regulatory agency files and interviewed regulatory agency personnel. The following information was identified.

PREVIOUS ENVIRONMENTAL REPORTS

No previous environmental reports were provided for review.

REGULATORY AGENCY RECORDS

Local regulatory agencies and other sources were contacted in an effort to identify any known or suspected contamination sites or incidents of hazardous waste storage or disposal, which might have resulted in soil and/or groundwater contamination, or volatile organic compound (VOC) vapor migration to the Property. Generally, this includes records for the Property and adjacent parcels, although relevant information for other sites of possible interest in the area (up to one mile) may also be included. Within the City of Downey, the Los Angeles County Department of Public Works (LACDPW) generally acts as the lead enforcement agency for UST compliance. If a tank has leaked and groundwater contamination is suspected, the Los Angeles Regional Water Quality Control Board (LARWQCB) generally becomes the lead agency in supervising contaminant characterization and cleanup.

California Environmental Protection Agency Files

The Property is not a listed site on the California Environmental Protection Agency (CalEPA) Regulated Site Portal website (**Appendix D**).

Los Angeles Regional Water Quality Control Board Files

The Property does not appear as a listed site on the State Water Resources Control Board (SWRCB) GeoTracker website. Recent LARWQCB case files, if any, would be listed on this website (**Appendix D**).

Department of Toxic Substances Control Files

The Property does not appear as a listed site on the California Department of Toxic Substances Control (DTSC) EnviroStor website. Recent DTSC case files, if any, would be listed on this website (**Appendix D**).

SCS also searched the DTSC hazardous waste tracking system (HWTS), which contains manifest records for hazardous waste shipped from a given address or facility. No records of hazardous waste shipments from the Property were identified (**Appendix D**).

South Coast Air Quality Management District Files

The Property does not appear as a listed facility on the South Coast Air Quality Management District (AQMD) online Facility INformation Detail (FIND) website (**Appendix D**).

Los Angeles County Department of Public Works Files

SCS searched LACDPW online file review website for industrial waste, UST, or stormwater files associated with the Property and none were identified (**Appendix D**).

Other Agency Information

SCS did not submit records requests for other agencies such as the water district purveyor, county health department, agricultural commission, county vector control, etc. since, given the history of the Property, it was our opinion that additional information was not necessary. They are unlikely to provide useful information. Based on a review of the available information, including the environmental database report discussed below, the agency records obtained are sufficient to fulfill the scope of the Phase I ESA.

12 REVIEW OF FEDERAL, STATE, TRIBAL, AND LOCAL GOVERNMENT DATABASES

A database search for sites listed on various federal, state, tribal, and local databases in the area around the Property was obtained from EDR (October 20, 2022). A description of each of the databases searched is included in the report, which is attached as **Appendix E**. Among the databases included in the EDR report are NPL (federal, tribal, and state-equivalent), proposed and delisted NPL, CORRACTS (RCRA facilities subject to corrective actions), hazardous waste sites identified for investigation or remediation (SEMS [Superfund Enterprise Management System, formerly known as CERCLIS], State CERCLIS, VCP, Brownfields Calsites, etc.), LUST, sites with engineering controls, former CERCLIS (NFRAP), RCRA and state hazardous waste generators, ERNS, SWLF, USTs, and Toxic Pits.

Review of these records satisfies all requirements as set forth in 40 CFR Section 312.26 (b) and (c) with regard to the review of federal, tribal, and state government records of databases of such government records and local government records and databases of such records pertaining to both the Property and the nearby or adjoining properties. Further, the search distances for each particular database are as specified in 40 CFR 312.26 and ASTM E1527-13.

Any known or suspected contaminated sites included on these lists within 0.25 miles of the Property are discussed in the following text. As a general rule, sites beyond 0.25 miles are not anticipated to impact a site significantly. Any sites beyond 0.25 miles with a high potential to impact the Property are also discussed. (Please note: the distances and directions listed in this report have been field verified and might not always match those in the EDR report.)

Sites such as TSD facilities, hazardous waste generators, HAZNET, FINDS, SQGs, LQGs, USTs, HIST UST, RCRA violations, and TRIS facilities with toxic chemical releases (generally in accordance with permitting requirements - into the air, water, or land as reported under SARA Title III) use or store hazardous materials and thus may pose a potential problem in the event of a spill or leak. However, unless these sites also appear in an agency list of contaminated sites, there is no evidence of any problems at this time. Therefore, sites on these lists will not be discussed unless on or in close proximity to the Property.

Please refer to **Appendix E** for further information on these sites.

PROPERTY LISTINGS

The Property is not listed in any of the databases searched by EDR.

ADJOINING SITE LISTINGS

None of the adjacent sites were identified in any of the standard environmental records sources within the EDR regulatory database report.

OTHER DATABASE SITES

The EDR report provides a summary table of regulatory database sites within specified distances of the Property, including standard environmental records, additional environmental records, high risk historical records, and recovered governmental records. This summary table is provided beginning on Page 4 of the EDR report (**Appendix E**). SCS identified the following site of concern within 0.25 miles of the Property:

West Coast Rubber/Wilcox Machine Co., 7180 and 7190 Scout Avenue, Bell Gardens (100 feet southwest, downgradient) – ENVIROSTOR, CERS HAZ WASTE, CERS TANKS, LOS ANGELES CO. HMS, SEMS, RCRA NonGen/NLR, CERS, LUST, SWEEPS UST, Cortese, and HIST CORTESE – This facility was investigated in 2000 as a potential NPL site, but was ruled out. The findings did state that additional investigation under state authorities may be warranted. The GeoTracker listing for Wilcox Machine Co. at 7190 Scout Avenue indicates that the LARWQCB issued a case closure with "no further action" (NFA) required following the removal of a UST in 1996. West Coast Rubber is associated with a DTSC EnviroStor case. According to a review of the DTSC EnviroStor website, the cleanup status of this site is listed as "Active – Needs Evaluation" as of August 1, 2021. A preliminary investigation conducted in 2014 indicated that groundwater downgradient of this facility was contaminated with trichloroethene (TCE). These businesses have operated as machine shops, performing heavy machining, fabricating, and assembly services for aerospace, automotive, and other businesses. The facility is considered a suspected source of TCE and tetrachloroethene (PCE) releases that have affected regional groundwater.

SCS submitted a record request to DTSC for files related to the West Coast Rubber and Wilcox Machine Co. facilities. Copies of the information provided are included in **Appendix E**. Safety data sheets (SDS) indicated that the facility primarily used cutting oil, kerosene, and lubrication oil; but the records do not rule out the use of chlorinated solvents. There are no documented or reported chemical spills or releases.

West Coast Rubber has been cited for administrative paperwork violations and for issues like storing hazardous waste in containers without a proper lid. None of the violations reviewed indicated releases that would potentially affect the Property.

Based on the available information reviewed, this site cannot be ruled out as a contributing source of regional groundwater contamination. DTSC has requested additional investigation at the site. However, based on the site's location relatively downgradient, it is not expected to negatively affect the environmental condition of the Property.

Other sites located within 0.25 miles of the Property with known releases of hazardous substances such as PFAS, LUST, ENVIROSTOR, CORTESE, VCP, RESPONSE, LIENS, DEED, CPS-SLIC, HIST Cal-Sites, and SEMS are located cross- or downgradient, or based on case status and/or distance, are not anticipated to negatively affect the environmental condition of the Property. Several sites

located within 0.25 miles appear in databases not typically associated with documented releases, such as HIST UST, CERS HAZ WASTE, HAZNET, CERS, HWTS, SWEEPS UST, RCRA NonGen/NLR, SWF/LF, AST, CERS TANKS, EMI, FINDS, ECHO, RCRA-SQG, LOS ANGELES CO. LF METHANE, CORTESE, LOS ANGELES CO. HMS, HIST CORTESE, NPDES, and UST.

Based on a review of the database information, none of these sites are known to have any contamination at this time; therefore, none are anticipated to have negatively affected the environmental condition of the Property. Similarly, none of the sites situated beyond 0.25 miles are anticipated to have impacted the Property.

UNMAPPABLE OR ORPHAN SITES

Two unmappable sites were identified in the EDR report. Unmappable sites cannot be plotted due to inaccurate or incomplete addresses. Based on review of the provided data, including the estimated locations of the unmappable sites in relation to the Property, it appears unlikely that the unmappable sites have adversely affected the environmental condition of the Property.

LANDFILLS

According to the EDR-provided review of the California Department of Resources Recycling and Recovery (CalRecycle) Solid Waste Information System, two active or inactive solid waste/landfill sites are within 0.5 miles of the Property. The first was identified approximately 475 feet northwest of the Property. However, a review of the available information for the Kelby Construction/AAA Rubbish Inc. facility located at 6920 Foster Bridge Boulevard, indicates that it is a material sorting center only, not a landfill. The facility is listed as a waste hauler only and the AAA Rubbish website indicates that waste is sorted to remove recyclable materials. Based on the available information, it is unlikely that this site has adversely affected the environmental condition of the Property.

The second was Frank's Disposal located at 7214 Scout Avenue, approximately 1,050 feet southwest of the Property. This facility is also listed as a waste hauler only and not a landfill. Based on the type of operation, distance, and groundwater flow direction, this site is also not expected to negatively affect the environmental condition of the Property.

OIL AND GAS WELLS

Available oil and gas well maps from the California Department of Conservation, Geologic Energy Management Division (CalGEM) were reviewed to identify oil and gas wells on the Property or in the nearby area. According to the CalGEM Well Finder online database, the property is not located within the boundaries of a delineated oil and gas field.

A map showing the location of the Property relative to nearby oil and gas wells is provided in Appendix D. No oil and gas wells are located on the Property or within 0.4 miles of the Property. Based on the available information, no significant environmental impacts to the Property are anticipated from oil and gas wells.

NATIONAL PIPELINE MAPPING SYSTEM

SCS reviewed the National Pipeline Mapping System (NPMS) website for the Property and surrounding area to identify any hazardous materials pipelines. The NPMS is a geographic information system (GIS) created by the U.S. Department of Transportation, Pipeline and Hazardous

Materials Safety Administration (PHMSA), and Office of Pipeline Safety (OPS) in cooperation with other federal and state governmental agencies and the pipeline industry. The NPMS consists of geospatial data, attribute data, public contact information, and metadata pertaining to the interstate and intrastate hazardous liquid trunklines and hazardous liquid low-stress lines as well as gas transmission pipelines, liquefied natural gas (LNG) plants, and hazardous liquid breakout tanks (tanks that receive and store liquids transported by pipeline) jurisdictional to PHMSA. The nominal accuracy of geospatial data in the NPMS is +/-500 feet. The NPMS does not contain information on interconnects, pump and compressor stations, valves, direction of flow, capacity, throughput, or operating pressure. In addition, distribution and gathering pipelines are not included in the NPMS.

The NPMS is built from data submitted by pipeline, LNG plant, and breakout tank facility operators. Since 2002, transmission pipeline and LNG plant facility operators are required to submit mapping information to the NPMS and to update their submissions annually. Breakout tank operators are able to submit data to the NPMS on a voluntary basis.

Based on review of the NPMS website, a SoCal Gas natural gas pipeline is located to the south of the Property, crossing beneath Suva Street. No other hazardous materials pipelines were located in the vicinity of the Property. Based on the available information, no negative environmental effects to the Property are anticipated from the natural gas pipeline.

13 USER PROVIDED INFORMATION

A User Questionnaire was completed by Mr. Armanino and is included in **Appendix G**. The provided information is discussed below.

TITLE RECORDS

No title report was provided to SCS for review.

ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

Mr. Armanino indicated that a search of recorded land title records did not identify any environmental liens or activity use limitations associated with the Property.

SPECIALIZED KNOWLEDGE

No specialized knowledge regarding the Property was provided to SCS by the User.

VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

Mr. Armanino indicated that the purchase price being paid for the Property reasonably reflects its fair market value.

14 DEGREE OF OBVIOUSNESS OF THE PRESENCE/LIKELY PRESENCE OF CONTAMINATION ON THE PROPERTY

As discussed above, prior to development with a church structure and parking lot, the Property was an agricultural orchard with a rural farmhouse-type structure. This Phase I ESA did not identify the presence or likely presence of contamination on the Property.

15 DATA GAPS

A data gap represents an inability on the part of the environmental professional to obtain information required by the standards and practices of 40 CFR 312 to fully identify conditions indicative of releases or threatened releases of hazardous substances on, at, in, or to the Property.

No data gaps were identified during the preparation of this Phase I ESA.

16 FINDINGS AND OPINIONS

Based on the scope of work performed, SCS finds the following:

The Property is located on the western side of Foster Bridge Boulevard, north of the intersection with Suva Street. It encompasses 1.279 acres developed with an approximately 8,480-square-foot religious facility occupied by TLG House. The church building is situated at the southeastern portion of the Property. Asphalt-paved parking areas are located to the north and west of the building.

The Property was undeveloped or agricultural land between 1896 and 1902. Between the 1920s and the mid-1950s, the Property was developed with agricultural orchards and a rural farmhouse. The church was developed in stages, beginning in the late-1950s, expanded to its current configuration with a paved asphalt parking lot around it by 1989. The construction of the church coincides with the time when the Rio Hondo was channelized to the southeast, rerouting it from its original course to the west of the Property. Today, the church parking lot sits approximately 4-6 feet higher in elevation than the adjoining residence to the north. It is likely that virgin fill material originating from the river channelization process was placed on the Property at that time, raising its elevation. In SCS' opinion, given the likely origin of this fill material, it does not represent an environmental concern. It is also SCS' opinion that, without specific evidence of pesticide storage or mismanagement on the Property, past use for agricultural purposes does not represent a significant environmental concern and collection and analysis of soil samples for pesticides is unwarranted. Particularly because, given the fill material likely placed on the Property during the river channelization, the former agricultural orchard soil is now 4-6 feet below current grade.

A reception lobby and the main church sanctuary are located inside the southern end of building. A social hall and kitchen are located in the central part of the building. The northern end of the building comprises two stories of Sunday School classrooms, storage rooms, and a children's nursery room. A baptismal font is situated beneath a stage floor at the eastern side of the church sanctuary room. With the exception of common household janitorial supplies, no hazardous materials were observed at the Property. The asphalt parking lot has numerous cracks and minor settling, likely a result of poor compaction.

Regulatory database information identified few known and suspected contamination sites in the area surrounding the Property. Based on a review of the available information, it is unlikely that any of these sites has negatively affected the environmental condition of the Property.

In summary, SCS performed a Phase I Environmental Site Assessment of the TLG House church site located at 7360 Foster Bridge Boulevard, Downey, California, in conformance with the scope and limitations of 40 CFR 312 and ASTM E1527-13. Any exceptions to, or deletions from, this practice are described in Section 5 of this report.

In the opinion of the Environmental Professionals, this assessment has revealed no evidence of conditions indicative of recognized environmental conditions. Further investigation is not recommended.

17 REFERENCES

ASTM International, November 1, 2013. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation: E1527-13.

California Department of Conservation, Geologic Energy Management Division (CalGEM) Website: http://www.conservation.ca.gov/dog/Pages/Index.aspx.

California Department of Health Services (CDHS), Updated February 2016. *California Indoor Radon Test Results*: https://www.cdph.ca.gov/Programs/CEH/DRSEM/CDPH%20Document%20Library/EMB/Radon/Radon%20Test%20Results.pdf

California Department of Toxic Substance Control (DTSC) EnviroStor Website: https://www.envirostor.dtsc.ca.gov/public/.

California Environmental Protection Agency (CalEPA), Site Portal Website: https://siteportal.calepa.ca.gov/nsite/.

California Environmental Protection Agency, State Water Resources Control Board (SWRCB), GeoTracker Website: http://geotracker.waterboards.ca.gov/.

Environmental Data Resources, Inc. (EDR), www.edrnet.com, (800) 352-0050.

Federal Register, The Daily Journal of the United States Government, November 1, 2005. Part III, Environmental Protection Agency, 40 CFR Part 312, Standards and Practices for All Appropriate Inquiry. Volume 70, No. 210. Amended December 30, 2013, Volume 78, No. 250.

National Pipeline Mapping System (NPMS) Website: https://www.npms.phmsa.dot.gov/PublicViewer/.

South Coast Air Quality Management District (AQMD), Facility INformation Detail (FIND) website: http://www3.aqmd.gov/webappl/fim/prog/search.aspx.

18 GLOSSARY/DEFINITIONS

AAI -- All Appropriate Inquiry

AUL -- Activity and Use Limitations

BER – A business environmental risk is a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice.

BTEX -- Benzene, toluene, ethylbenzene, and total xylenes

CERCLA -- Comprehensive, Environmental Response, Compensation, and Liability Act

CERCLIS -- Comprehensive Environmental Response, Compensation, and Liability Information System

CFR -- Code of Federal Regulations

CORRACTS -- Corrective Action Against Responsible Parties at a RCRA site

CREC -- Controlled Recognized Environmental Condition: A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (e.g., property use restrictions, AULs, or institutional or engineering controls).

DOGGR -- Department of Oil, Gas, and Geothermal Resources

De Minimis Condition -- A condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis conditions* are not RECs or CRECs.

DTSC -- California EPA Department of Toxic Substances Control

EDR -- Environmental Data Resources, Inc.

EPA -- Environmental Protection Agency

ERNS -- Emergency Response Notification System

ESA -- Environmental Site Assessment

FINDS -- Facility Index System

HAZNET -- California EPA Hazardous Waste Facility and Manifest Data

HREC -- Historical Recognized Environmental Condition: A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls

LQG -- Large Quantity Hazardous Waste Generator

LUST -- Leaking Underground Storage Tank

MCL -- Maximum contaminant level

MTBE -- Methyl-tert-butyl-ether

NFA -- No Further Action determination

NFRAP -- No Further Remedial Action Planned

NPL -- National Priority List (Superfund)

PAHs -- Polynuclear aromatic hydrocarbons

PCBs -- Polychlorinated biphenyls

RCRA -- Resource Conservation and Recovery Act

RCRIS -- Resource Conservation and Recovery Information System

REC -- R*ecognized environmental condition* is defined by ASTM E 1527-13 as: "The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis conditions* are not *recognized environmental conditions*."

ROD -- Record of Decision

RBSLs -- Risk-based Screening Levels

RSLs – Regional Screening Levels

RWQCB -- Regional Water Quality Control Board

SARA -- Superfund Amendments and Reauthorization Act

SLIC -- Spills, Leaks, Investigations, and Cleanups database

SQG -- Small Quantity Hazardous Waste Generator

SWIS -- Solid Waste Information System

SWLF -- Solid Waste Facility/Landfills

TPH -- Total Petroleum Hydrocarbons

TRIS -- Toxic Release Inventory System

TSD -- Treatment, Storage, and/or Disposal Facility

User -- The person or persons seeking to establish the innocent landowner defense, bona fide prospective purchaser liability protection, and/or contiguous property owner liability protection pursuant to CERCLA sections 101 and 107.

USGS -- United States Geologic Survey

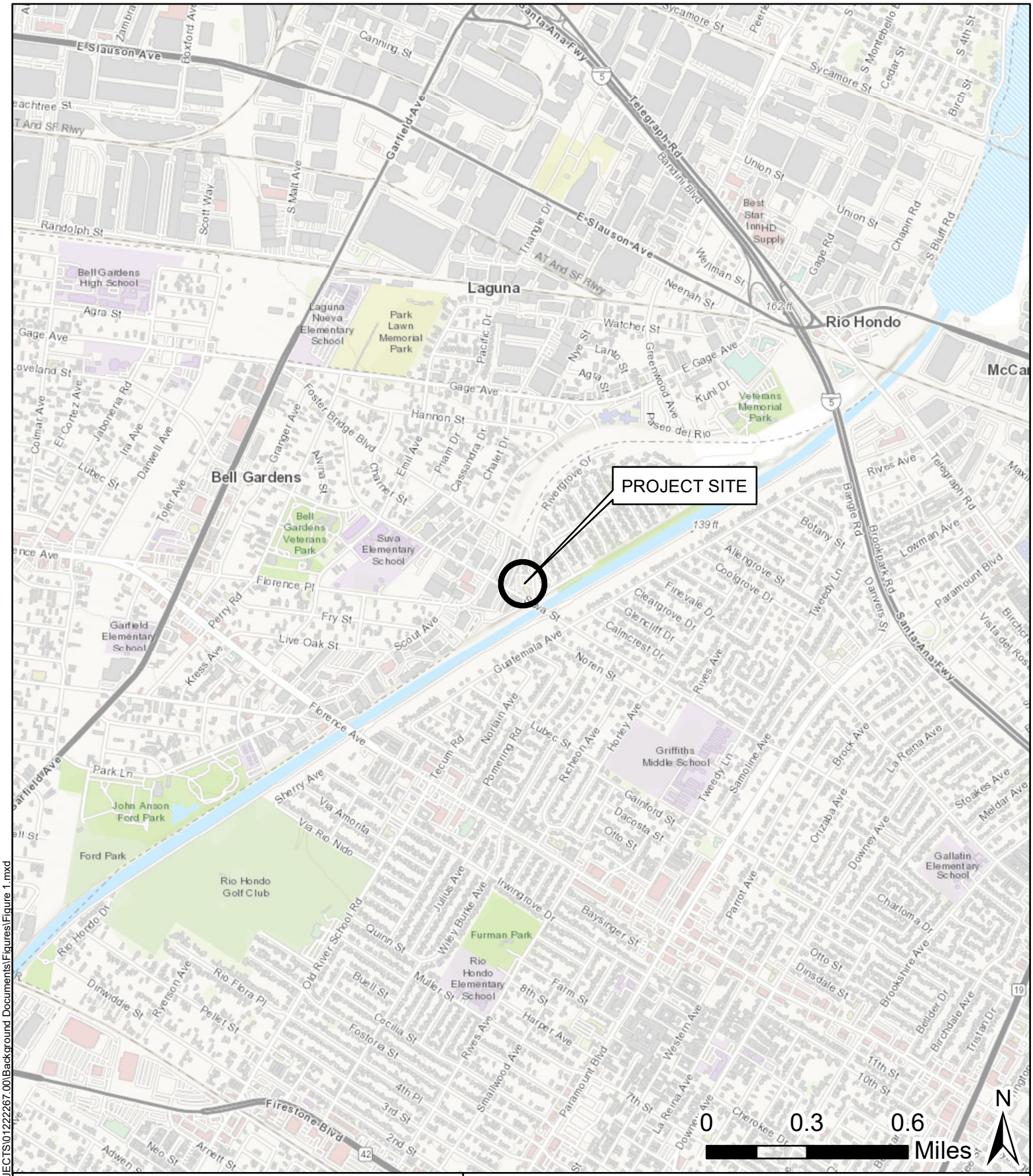
UST -- Underground Storage Tank

VCP -- Voluntary Cleanup Program

VOCs -- Volatile organic compounds

Appendix A

Figures 1 through 3



Legend

Approx. Site Location

FIGURE 1
7360 Foster Bridge Boulevard
Downey, California 90240

SCS ENGINEERS

Topographic Map | October 2022

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806

Document Path: \\lbc-fs01\Data\PROJECTS\01222267.00\Background Documents\Figures\Figure 1.mxd

Legend

- Approx. Site Boundary
- Parcels

0 50 100 200 Feet

N

FIGURE 2 - APN Map
7360 Foster Bridge Boulevard
Downey, California 90240

SCS ENGINEERS

APN Map | October 2022

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806

Document Path: \\lbc-fs01\Data\PROJECTS\01222267.00\Background Documents\Figures\Figure 2 APN Map.mxd

Legend

Approx. Property Boundary

N
W E
S

0 100
Feet

1 inch = 100 feet

Aerial Image Showing Property Detail

7360 Foster Bridge Boulevard
Downey, California 90240

Figure 3	January 2023

SCS ENGINEERS

N:\ES\HWG\S\ArcPro_Templates\Phase1_Templates\Phase1_Templates_Landscape_MASTER.aprx BY gbarrientos

© OpenStreetMap (and) contributors, CC-BY-SA

Appendix B

Site Photographs

Photo 1 – View from the southeastern corner of the Property looking towards the southern side of the church building.

Photo 2 – Northeastern corner of the Property looking towards the west.

Photo 3 – Single-family residence to the north of the Property.

Photo 3 – Single-family residences east of the Property, across Foster Bridge Boulevard.

Photo 5 – View showing the northeastern side of the building. The main part of the church is a single story. Two stories of classrooms are located at the northern end of the building.

Photo 6 – View southeast of the Property, towards the Rio Hondo.

Photo 7 – Landscaping west of the church building and along the southwestern part of the Property.

Photo 8 – Apartment building across the street to the south of the Property.

Photo 9 – Self-storage facility adjoining the Property to the west.

Photo 10 – Kitchen inside the eastern part of the church building.

Photo 11 – Social hall at the center of the building.

Photo 12 – A children's nursery and Sunday School classrooms are located at the two-story northern part of the building.

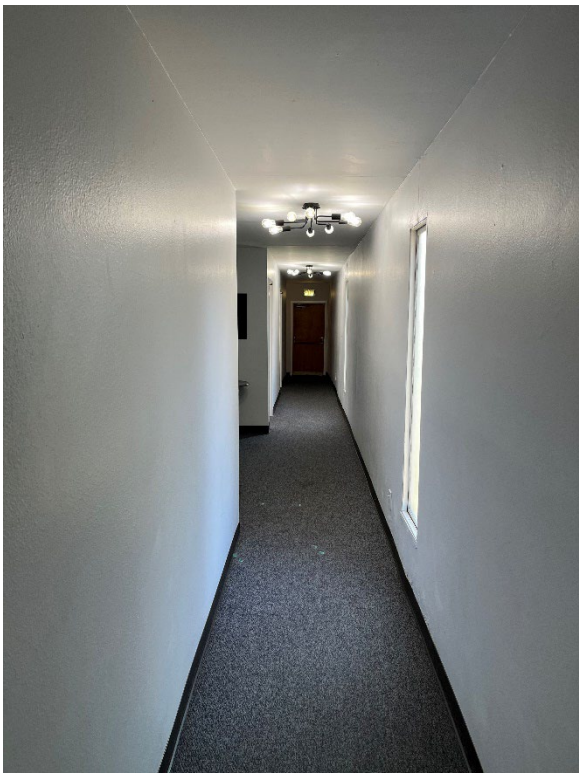


Photo 13 – Hallway at northern side of the building.

Photo 14 – Roof seen from an access door on the second story of the northern part of the building.

Photo 15 – Second-story classroom at northern side of the building.

Photo 16 – Main sanctuary inside the southern part of the building.

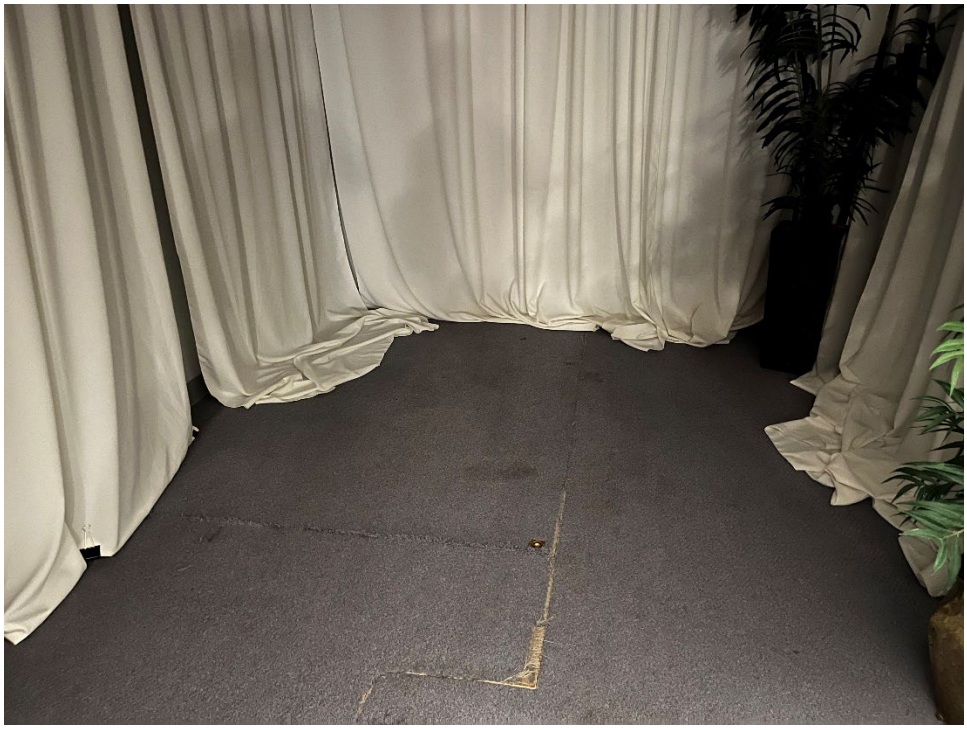


Photo 17 – A baptismal font is located beneath stage flooring at the eastern side of the main sanctuary.

Photo 18 – Northeastern part of the parking lot.

Photo 19 – North-central part of the parking lot.

Photo 20 – Southwestern part of the parking lot.

Photo 21 – Parking area immediately southwest of the church building.

Photo 22 – A portion of the western edge of the church parking lot is part of a narrow, triangular parcel owned by the adjoining site to the west.

Appendix C

Historical Site Use Information

7360 Foster Bridge Blvd

7360 Foster Bridge Blvd

Downey, CA 90240

Inquiry Number: 7155128.8

October 20, 2022

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

10/20/22

Site Name:

7360 Foster Bridge Blvd
7360 Foster Bridge Blvd
Downey, CA 90240
EDR Inquiry # 7155128.8

Client Name:

SCS Engineers
3900 Kilroy Airport Way
Long Beach, CA 90806
Contact: Gloria Barrientos

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

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: June 10, 2002	USDA
1994	1"=500'	Acquisition Date: May 31, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August 22, 1989	USDA
1981	1"=500'	Flight Date: February 21, 1981	EDR Proprietary Brewster Pacific
1977	1"=500'	Flight Date: May 29, 1977	EDR Proprietary Brewster Pacific
1970	1"=500'	Flight Date: February 17, 1970	EDR Proprietary Brewster Pacific
1963	1"=500'	Flight Date: February 28, 1963	USGS
1952	1"=500'	Flight Date: November 17, 1952	USDA
1947	1"=500'	Flight Date: June 18, 1947	FAIR
1938	1"=500'	Flight Date: May 22, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	FAIR

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Disclaimer - Copyright and Trademark Notice

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

Copyright 2022 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

INQUIRY #: 7155128.8

YEAR: 2016

= 500'

N

EDR

INQUIRY #: 7155128.8

YEAR: 2012

= 500'

N

EDR

INQUIRY #: 7155128.8

YEAR: 2009

= 500'

N

EDR

INQUIRY #: 7155128.8
YEAR: 2005
= 500'
N
EDR

INQUIRY #: 7155128.8

YEAR: 2002

= 500'

N

EDR

INQUIRY #: 7155128.8

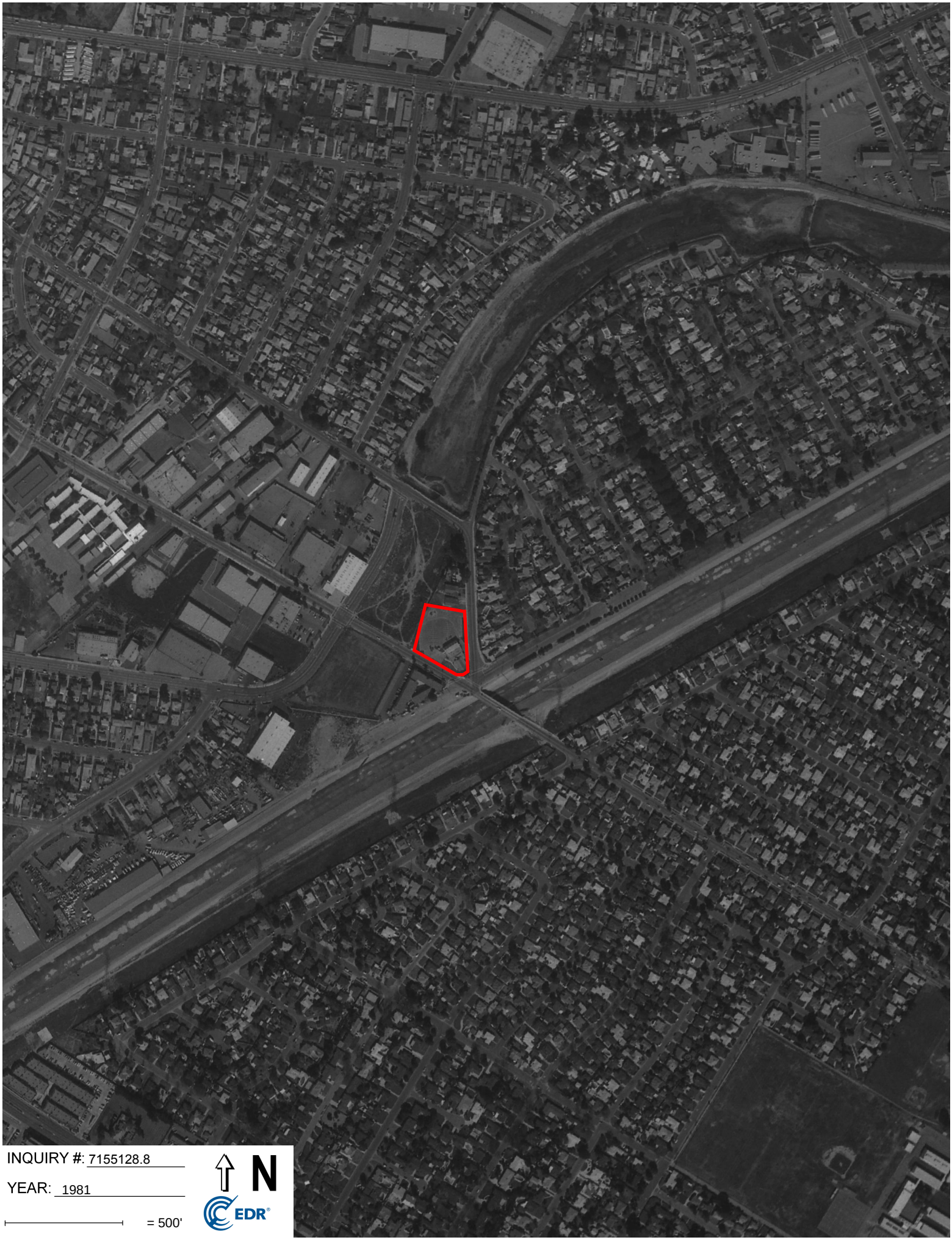
YEAR: 1994

= 500'

N

EDR

INQUIRY #: 7155128.8
YEAR: 1989
= 500'
N
EDR


INQUIRY #: 7155128.8
YEAR: 1981
= 500'
N
EDR

INQUIRY #: 7155128.8
YEAR: 1977
= 500'
N
EDR

INQUIRY #: 7155128.8
YEAR: 1970
= 500'
N
EDR

INQUIRY #: 7155128.8

YEAR: 1963

= 500'

N

EDR

INQUIRY #: 7155128.8
YEAR: 1952
= 500'
N
EDR

INQUIRY #: 7155128.8

YEAR: 1947

= 500'

N

EDR

INQUIRY #: 7155128.8

YEAR: 1938

= 500'

N

EDR

INQUIRY #: 7155128.8
YEAR: 1928
= 500'
N
EDR

PAID!
09-19-2008/10:49 AM
RECEIPT:20 Total:603.66
002-0025613

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code.

9

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C39 License No. 159149

Date 9/19/08 Contractor Erin Jacoby

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code): Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9 (Commencing with Sec. 7000) of Div. 3 of the B. & P.C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P.C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P.C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____, B. & P. C. for this reason:

Date _____ Owner _____

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:

___ **I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.**

✓ **I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:**

Carrier: Cypress Policy Number: 3300533081

(This section need not be completed if the permit is for one hundred dollars [$100] or less.)

___ **I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation Laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those Provisions.**

Date 9/19/08 Signature Erin Jacoby

WARNING: Failure to secure workers' compensation coverage is unlawful, and shall subject an employer to criminal penalties and civil fines up to one hundred thousand dollars ($100,000), in addition to the cost of compensation, damages as provided for in Section 3706 of the Labor Code, interest and attorney's fees.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C)

Lender's Name: _____

Lender's Address: _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Erin Jacoby 9/19/08
Signature of Owner or Contractor ONLY Date

— IMPORTANT —

Application is hereby made to the Building Official for a permit subject to the conditions and restrictions set forth on the front and rear faces of this application.

1. Each person upon whose behalf this application is made and each person at whose request and for whose benefit work is performed under or pursuant to any permit issued as a result of this application agrees to, and shall, indemnify and hold harmless the City of Downey, its officers, agents and employees in accordance with the provisions of Section 8200 of the Downey Municipal Code.
2. Any permit issued as a result of this application becomes null and void if work is not commenced within **ONE HUNDRED EIGHTY (180) DAYS** from date of issuance of such permit.

REV- 7/01

DIVISION OF BUILDING AND SAFETY

11111 BROOKSHIRE AVENUE
TELEPHONE: (562) 904-7142
INSPECTIONS: (562) 904-7141

BD-3

CITY OF DOWNEY 1
BUILDING PERMIT APPLICATION

EXISTING ADDRESS	7360 Foster Bridge Blvd
LOCALITY	DATE REC'D BY
OWNER	Lords Grace of Downey
MAIL ADDRESS	7360 Foster Bridge Blvd
CITY	Downey TEL NO 9048610202
CONTRACTOR	Alone Roofing
ADDRESS	PO Box 902796
CITY	Palmdale TEL NO 6269696515
STATE LIC NO	159149 DOWNEY BUS LICENSE NO 25336
ARCHITECT OR ENGINEER	
ADDRESS	
CITY	TEL NO
STATE LIC NO	DOWNEY BUS LICENSE NO
LOT	BLOCK TRACT
LOT SIZE	NO BLDGS NOW ON LOT
USE OF EXISTING BUILDINGS	

NEW | ADD | ALTER | REPAIR | DEMOLISH | MOVE | OCCUPANCY

LIMITED TIME USE	FROM	TO	CERT OF OCC NO
CASH DEPOSIT	DATE FILED		REC'D BY
CASH DEPOSIT RELEASED			
AREA SQ.FT.	NO OF STORIES		ROOF COVER C20
WALL COVERING	INT	EXT	

PROPOSED WORK: Reroof T/O put up Recover w/ TPO - Carlisle

SIGNATURE OF APPLICANT: Erin Jacoby

ADDRESS: 5858 Dhevelsilon Dr 91301

PLAN CHECK REC'D BY

PERMIT ISSUED BY: DH

9/19/08

CITY OF DOWNEY 2008 PAID

BUILDING ADDRESS	7360 Foster Bridge Blvd
NEAREST CROSS STREET	Bluff & Serra
PARCEL NUMBER	6258-015-058
MAP NO	3401
GROUP	
TYPE CONST	Reroof
SEWER MAP NO	
ZONE	121/600
SPECIAL CONDITIONS	CMP

SET BACK	YARD	HWY	STREET NAME	WIDTH
FRONT P.L.				
SIDE P.L.				

	DATE
PLANNING APPROVAL	
ENGINEERING APPROVAL	
FIRE DEPT. APPROVAL	
MISC APPROVAL	

APPROVALS	DATE	INSPECTORS SIGNATURE
FOUNDATION LOCATION FORMS-MATERIALS		
SLAB ☐ FLOOR JOISTS ☐		
INSULATION ✓ STEEL ☐	9/23/08	GH
SOUND ASSEM.		
FRAMING		
LATH OR GYPSUM INTERIOR		
LATH EXTERIOR		
STUCCO BROWN		
PLASTER BROWN	K/S 9/22/08	GH
FINAL APPROVAL	11/14/09	GH

PLAN CHECK FEE	
ISSUANCE FEE	$ 30.00
PERMIT FEE	$ 440.99
VALUATION $ 24,862	
STATE QUAKE TAX	$ 2.50
RECORDS MGMT FEE	$ 50.00
GENERAL PLAN REVISION FEE	50.00

PLAN CHECK NO.	PERMIT NO.
—	1583-08

7360 Foster Bridge

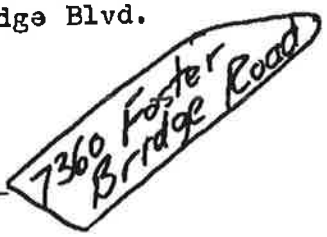
3401
R1-6000
N-71

MONTEBELLO SCHOOL DISTRICT

3-30-77 out for connections & permit
returned 3-30-77
to be held pending zone case
4-6-77 BP# 72220
6-8-77 PP# 75741
6.16.77 BP# 76211
8-12-77 EP# 86912
BP# 89211 9-22-77
3-16-78 BP# 00868 (Paving)
4-19-78 EP# 02783
5-2-78 BP# 03628 (fence)
2-22-79 PP# 29055
2-28-79 BP# 29412 (C.L. Fence)
12-5-80 BP# 613-80
PC# 78546
} Roof Canopies @ ext. doors.
3-30-83 BP# 32856 (Sec. Bars)
8-25-83 BP# 44245
PP# 44246 Bap: Shower
7-19-85 BP# 1221-85 SALE

Zone Exc. #2571 B.G.

Church at NW corner of Suva & Foster Bridge Blvd.



3401
m-71
R-1 6000

3-7-63 B.P.# 88272
3-21-63 2 site plans corrections
OUT TO
Clyde W. Miller
4-15-63 Advt. Rtd.
4-29-63 B.P.# 90676
2-14-66 PC# 43734
2-28-66 BP# 44673
8-13-68 EP 91180
9-25-68 PP# 92773
10-4-68 PP# 93269
7-20-76 PC# 52511

DATE	PERMIT
7360 Foster Bridge Rd	
1/6/92	PC# 002-92
1/27/92	Both set of plans out for correction Jeff Kaeff
2/21/92	Plans under the counter
2/25/92	BP# 338-92 restrict A PC# 92-002
3/16/92	MP#
3/27/92	EP#
7/20/06	BP# 754-06 Special Event

4-26-1965

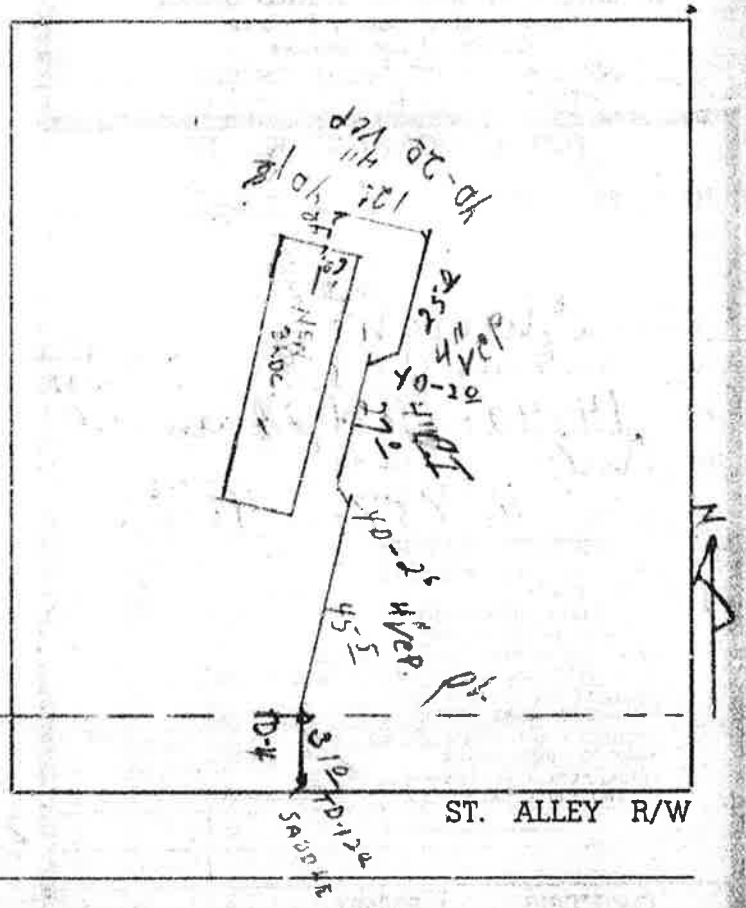
Being as no work was started this permit is Voided. W.P. Litsche

1-12-59 Interior of heater room OK to plaster
— Eriedson

FOR DEPARTMENT USE

REQUIRED INFORMATION

1. INDICATE ALL BUILDINGS ON PROPERTY.
2. INDICATE AND DIMENSION SEWAGE DISPOSAL SYSTEM WITH TIE DISTANCES TO BUILDINGS AND PROPERTY LINES.
3. INDICATE SIZE OF SEPTIC TANK—DEPTH OF SEEPAGE PIT(S)—SIZE OF CESSPOOL(S).
4. INDICATE NORTH DIRECTION ON PLOT.
5. INDICATE BOTH STREETS IF CORNER.



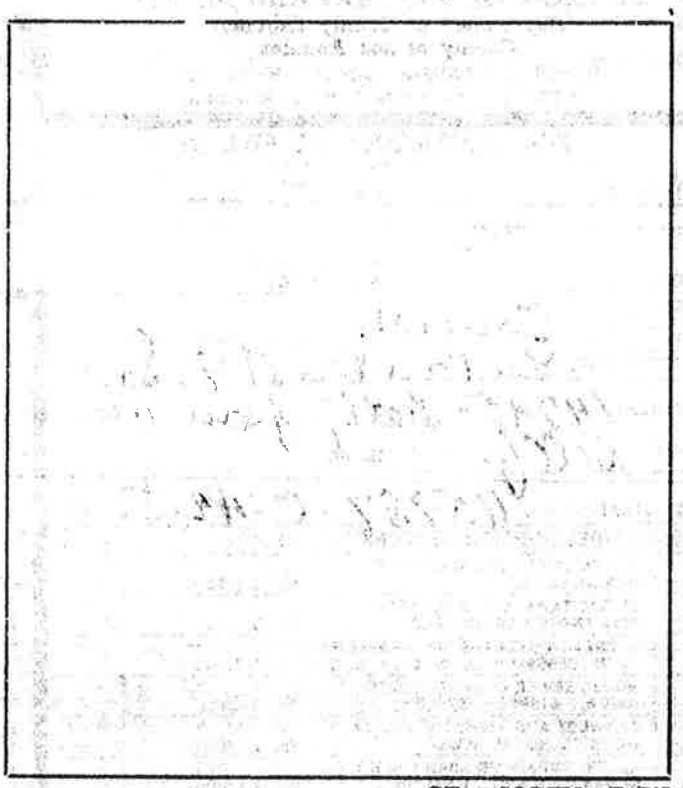
FIELD NOTES

FOR DEPARTMENT USE

REQUIRED INFORMATION

1. INDICATE ALL BUILDINGS ON PROPERTY.
2. INDICATE AND DIMENSION SEWAGE DISPOSAL SYSTEM WITH TIE DISTANCES TO BUILDINGS AND PROPERTY LINES.
3. INDICATE SIZE OF SEPTIC TANK---DEPTH OF SEEPAGE PIT(S)---SIZE OF CESSPOOL S).
4. INDICATE NORTH DIRECTION ON PLOT.
5. INDICATE BOTH STREETS IF CORNER.

7130.36
91.39
6138.84



FIELD NOTES

(1) No gas test.

(2) Wiring covered - not inspected, 12-22-9 Erickson

2-8-57
Talked to owners Rep. on job—
Approved caissons to be dug & poured
over week end with Reg. insp. on
job per instructions Recieved
from J. Exton. Winkle

5-8-57 Class Room found ok
to pour - Winkle

7-23-57 Framing progressing slowly
Winkle

7-23-57 Activity stopped - no further work
done since 7-2 Winkle

7-26-57 Needs Elec. permit
W

9-4-57 class room framing
ok to cover
Winkle

① This job long overdue for progress inspection
② Project appears to be abandoned.
③ Please come in to satisfy Bldg. Dept.
1-4-60 Erickson

BD-3

CITY OF DOWNEY

8425 E. SECOND ST. — TELEPHONE: TOPAZ 1-0361

BUILDING 1

3-7-63

DEPARTMENT OF BUILDING AND SAFETY PERMIT - APPLICATION

EXISTING ADDRESS	7360 E. FOSTER BR.
LOCALITY	DOWNEY
OWNER	DOWNEY BAPTIST CHAPEL
MAIL ADDRESS	7360 E. FOSTER BR.
CITY	DOWNEY TEL. NO. —
CONTRACTOR	CHURCH (CONTACT TUILER)
ADDRESS	9112 STOAKES
CITY	DOWNEY TEL. NO. BUS - SP 33090 TO-95738
STATE LIC. NO.	DOWNEY BUS. LICENSE NO.
~~ARCHITECT OR~~ ENGINEER	JAMES FOX
ADDRESS	8060 TELEGRAPH
CITY	DOWNEY TEL. NO. TO 18238
STATE LIC. NO.	SG 516 DOWNEY BUS. LICENSE NO. ~~TO 18238~~
LOT	M & B BLOCK TRACT
LOT SIZE	267 x 280' NO. BLDGS. NOW ON LOT 1
USE OF EXISTING BUILDINGS	CHURCH
METES AND BOUNDS ATT.	YES NO

OWNER

DESCRIPTION OF WORK

NEW	ADD	ALTER	REPAIR	DEMOLISH	MOVE	OCCUPANCY
	X					

TRAILER	SAFETY	INSPECTION FOR OCCUPANCY AS

LIMITED TIME USE	FROM	TO	CERT. OF OCC. NO.

AREA - SQ. FT.	NO. STORIES	ROOF COVERING
1680	1	COMPO.

WALL COVERING	INT.	EXT.
	PLASTER	STUCCO

PROPOSED USE OF STRUCTURE: SUNDAY SCHOOL

SIGNATURE OF APPLICANT: Clyde W. Miller

ADDRESS:

BUILDING ADDRESS	7360 Foster Bridge
NEAREST CROSS STREET	Suva

MAP NO.	GROUP	TYPE CONST.	SEWER MAP NO.
3401	B-3	I	M-71

ZONE	SPECIAL CONDITIONS
R-1/6000	Z.G.C. 2571

SETBACK	YARD	HWY.	STREET NAME	WIDTH
FRONT P. L.		30' ℄	Suva	60
SIDE P. L.		20' ℄	Foster Bridge	40

PLANNING DIV. APPROVAL	[signature]	DATE	4-25-63
ENGINEERING DIV. APPROVAL	Engr. Corrections	DATE	4-24-63
STREET DIV. APPROVAL		DATE	
POLICE DEPT. APPROVAL		DATE	
FIRE DEPT. APPROVAL	[signature]	DATE	4-25-63
W.C. INS.	W.C. 74	DATE	

SURETY BOND	DATE FILED	REC'D. BY
CASH DEPOSIT	DATE FILED	REC'D. BY
SURETY BOND RELEASED	DATE	

APPROVALS	DATE	INSPECTORS SIGNATURE
FOUNDATION LOCATION FORMS - MATERIALS		
FURNACE - LOCATION GAS VENT - DUCTS		
FRAMING		
LATH OR GYPSUM INTERIOR		
LATH EXTERIOR		
HOUSE NUMBER CORRECT AND POSTED		
RELOCATION WORK COMPLETED		
TEMPORARY STRUCTURE APPROVED		
TEMPORARY STRUCTURE REMOVED		
BUSINESS LICENSE LIST RETURNED		
FINAL APPROVAL		

over

I ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE: Clyde W. Miller

ADDRESS: 9112 STOAKES AVE DOWNEY

VALUATION $ 16,800.00

PLAN CHECK FEE $ 32.00

PERMIT FEE $ 64.00

88272 MAR 7 63 32.00 -

90676 APR 29 63 64.00 -

PLAN CHECK VALIDATION CK. M.O. CASH [signature] SIGNATURE

PERMIT VALIDATION CK. M.O. CASH W. Fritsche SIGNATURE 11760

BD-4

CITY OF DOWNEY

8425 E. SECOND ST. — TELEPHONE: TOPAZ 1-0361

APPLICATION FOR ELECTRIC PERMIT 10-7-58 1

FOR APPLICANT TO FILL IN
PERMIT FEES

ITEM	NUMBER	EACH	FEE
OUTLETS: LIGHTS 9 RECEPT. 4 SW. 6	19	$ .10	$ 1 90
LIGHTING FIXTURES 9		.10	90
ELEC. RANGES CLO. DRYERS WATER HEATERS		.50	
ELEC. SPACE HTRS. DISHWASHERS GARBAGE DISPOSERS AUTO.. WASHERS STA. COOKING UNITS		.25	
MOTORS: OVER INC. H.P. 0 — ½		.25	
½ — 2		.50	
2 — 5		1.00	
5 — 15		1.50	
15 — 50		2.50	
50 — 200		5.00	
SIGNS: NO. TRANS. NO. LAMPS			
SERVICE 0-600V EXISTING		1.00	
SERVICE OVER 600V		5.00	
TEMP. POWER POLE		1.00	
MISC.			
SEE BP # 7941			
DATED: JAN 8-57			
WIRING PERMIT		1.00	1 00
FIXTURE PERMIT		1.00	1 00
SUPPLEMENTARY PERMIT		.50	
TOTAL FEE			$ 4 80

I ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY AND STATE LAWS REGULATING ELECTRICAL WIRING.

I CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY CITY OF DOWNEY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE Ben F. Hughes

BUILDING ADDRESS 7360 E. Foster Bridge

NEAREST CROSS ST.

OWNER Christian Church

MAIL ADDRESS 7660 E. Foster Bridge

CITY DOWNEY TEL. NO.

ELECTRICIAN

ADDRESS 7420 Cleveland

CITY Hollydale TEL. NO NE 30242

STATE LICENSE NO. 622348 CITY BUS. LIC. NO. 1599

GROUP	ZONE	READY FOR INSPECTION
B-3	RA 6000	10-7-58

INSPECTION RECORD

10-7-58 Panel Cmp. Locked UFE
Wiring of Cmp. Panel UFE

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
CONDUIT		
WIRING	10-7-58	Faucheux
FIXTURES		
POWER		
UTILITY CO. NOTIFIED		
FINAL	3-31-59	Faucheux

10262 OCT 7 58 4.80

VALIDATION CK MO CASH

HENRICKS
SIGNATURE

CITY OF DOWNEY

8425 E. SECOND ST. — TELEPHONE: TOPAZ 1-0361

BUILDING 1

DEPARTMENT OF BUILDING AND SAFETY PERMIT - APPLICATION

EXISTING ADDRESS: 7360. FOSTER BRidge
LOCALITY:
OWNER: Downey CHAPEL
MAIL ADDRESS: 9846 LONGWORTH
CITY: WHITTIER TEL. NO. OX 97111
CONTRACTOR: OWNER
ADDRESS:
CITY: TEL. NO.
STATE LIC. NO.: DOWNEY BUS. LICENSE NO.
ARCHITECT OR ENGINEER: C. MILLER
ADDRESS: 9112 STONES
CITY: Downey TEL. NO. TO-- 95735
STATE LIC. NO.: DOWNEY BUS. LICENSE NO.
LOT: BLOCK: TRACT:
LOT SIZE: 280X267 NO. BLDGS. NEW ON LOT:
USE OF EXISTING BUILDINGS:
METES AND BOUNDS ATT. (YES) NO

BUILDING ADDRESS: 7360 FOSTER BRIDGE BL
NEAREST CROSS STREET: SUVA

MAP NO.	GROUP	TYPE CONST.	SEWER MAP NO.
403	B-3	V	N-79

ZONE: RA 6000
SPECIAL CONDITIONS:

SETBACK	YARD	HWY.	STREET NAME	WIDTH
FRONT P. L.				
SIDE P. L.				

	DATE
PLANNING DIV. APPROVAL	
ENGINEERING DIV. APPROVAL	
STREET DIV. APPROVAL	
WATER DIV. APPROVAL	
FIRE DEPT. APPROVAL	
POLICE DEPT. APPROVAL	

	DATE FILED	REC'D. BY
SURETY BOND		
CASH DEPOSIT		

SURETY BOND RELEASED DATE:

DESCRIPTION OF WORK

NEW | ADD | ALTER | REPAIR | DEMOLISH | MOVE | OCCUPANCY

TRAILER | SAFETY | INSPECTION FOR OCCUPANCY AS: C. A. FURNIS

LIMITED TIME USE | FROM | TO

AREA - SQ. FT. | NO. STORIES | ROOF COVERING

WALL COVERING | INT. | EXT.

PROPOSED USE OF STRUCTURE: HEATING CHAPEL

SIGNATURE OF APPLICANT:
ADDRESS:

APPROVALS	DATE	INSPECTORS SIGNATURE
FOUNDATION LOCATION FORMS - MATERIALS		
FURNACE - LOCATION GAS VENT - DUCTS	1-27-59	Erickson
FRAMING (Heater rm.)		Erickson
LATH OR GYPSUM INTERIOR		
LATH EXTERIOR		
HOUSE NUMBER CORRECT AND POSTED		
RELOCATION WORK COMPLETED		
TEMPORARY STRUCTURE APPROVED		
TEMPORARY STRUCTURE REMOVED		
BUSINESS LICENSE LIST RETURNED		
FINAL APPROVAL	2-8-61	Erickson

I ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.
SIGNATURE OF PERMITTEE: Clyde W Miller
ADDRESS:

VALUATION $ 900.00

PLAN CHECK FEE $
PERMIT FEE $ 6.00

12491 DEC 10 58

6.00 -

PLAN CHECK VALIDATION CK. M.O. CASH ____ SIGNATURE

PERMIT VALIDATION CK. M.O. CASH #649 Crosley SIGNATURE

CITY OF DOWNEY

76A642D
S & E-662-11-55

APPLICATION FOR PERMIT

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

SEWER—SEWAGE DISPOSAL 1

BUILDING ADDRESS: 7360 - Foster Bridge Rd
LOCALITY: Downey
NEAREST CROSS ST.: Suva
OWNER: Downey Chapel
MAIL ADDRESS:
CITY: TEL. NO.:

FOR APPLICANT TO FILL IN

LEGAL DESCRIPTION — LOT NO.: ON FILE
BLOCK: TRACT:
SIZE OF LOT: NO. OF BLDGS. NOW ON LOT:
USE OF BUILDINGS: Church.
CONTRACTOR: Geo. Van Diest & Son
ADDRESS: 14745 - Betty Jean Ave
CITY: Bell. TEL. NO.:
REGISTRATION NO.: 115987-C-42- ☑ STATE ☐ COUNTY

NO.	DESCRIPTION OF WORK	FEE		
1	HOUSE SEWER CONNECTING TO PUBLIC SEWER	@ $ 3.50	3	50
	SEPTIC TANK, SEEPAGE PIT OR PITS AND/OR DRAINFIELD	@ $ 3.00		
	OVERFLOW SEEPAGE PIT, DRAINFIELD EXTN., CESSPOOL, DRYWELL, MANHOLE	@ $ 2.00		
	HOUSE SEWER CONNECTING TO PRIVATE DISPOSAL SYSTEM	@ $ 1.00		
	CONNECT ADDITIONAL BLDG. OR WORK TO HOUSE SEWER	@ $ 1.00		
	ALTER, REPAIR OR ABANDON HOUSE SEWER OR DISPOSAL SYSTEM	@ $ 1.00		
		PERMIT $	1	00
		TOTAL FEE	4	50

OWNER'S AUTHORIZATION

I HAVE AT THIS DATE A CONTRACT WITH THE HEREIN NAMED CONTRACTOR TO CONNECT THE ABOVE DESCRIBED EXISTING DWELLING TO THE PUBLIC SEWER.

SIGNED THIS _____ DAY OF _____ 19__

OWNER OR OWNER'S AGENT _____

ADDRESS _____

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING PLUMBING AND SEWERS.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE: Geo Van Diest

DISTRICT NO.	GROUP	MAP BK	MAP PG
4.03	B-3	M	71

CONNECTION DATA

STATION: Approx 6+35.36 DEPTH: 11'
MANHOLE REFERENCE: 95 W of UPPER / LOWER
91.5 W of UPPER M.H.
TYPE OF CONNECTION: Y. CURB P.L. — LENGTH FROM M.L. TO P.L.: J.N.F. - 360
CO. IMP. NO.: P. C. NO. JOB NO.: 2437
TRUNK PERMIT NO.: ROAD PERMIT NO.: 90419
STATE ENCROACHMENT PERMIT NO.:
INDUSTRIAL WASTE APPROVAL: SADDLE #3796
CHARGES:
CONNECTION CHARGE FEE:
REIMBURSEMENT FEE:

APPROVALS	DATE	INSPECTOR'S SIGNATURE
NEW HOUSE SEWER	9/13/57	[signature]
CONNECT ADDITIONAL BUILDING OR WORK		
SEPTIC TANK, SEEP, PIT(S) AND/OR DRAINFIELD		
CESSPOOL ☐ DRYWELL ☐		
ALTER, REPAIR, SEWER OR SEWAGE DISPOSAL SYSTEM		
DISCONNECT PLUG AND ABANDON HOUSE SEWER		
BACKFILL SEPTIC TANKS ☐ SEEP. PIT(S) ☐ CESSPOOLS ☐		

JOHN A. LAMBIE, COUNTY ENGINEER — VALIDATION — ROBERT A. WOOD, CHIEF PLBG. INSPECTOR

CK. M. O. CASH

LAC 37975 SEP 11 4 4.50 #

[signature]

CITY OF DOWNEY

APPLICATION FOR PERMIT

SEWER—SEWAGE DISPOSAL

1

76A642D
S & E-663 11-55

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS	9360 Foster Bridge Blvd
LOCALITY	Downey, Calif.
NEAREST CROSS ST.	Suva
OWNER	Downey Chapel
MAIL ADDRESS	9360 Foster Bridge Blvd.
CITY	Downey TEL. NO. OX 97111

FOR APPLICANT TO FILL IN

LEGAL DESCRIPTION — LOT NO.	M & B ATTACHED
BLOCK — TRACT	
SIZE OF LOT — NO. OF BLDGS. NOW ON LOT	1
USE OF BUILDINGS	CHURCH
CONTRACTOR	
ADDRESS	
CITY — TEL. NO.	
REGISTRATION NO.	☐ STATE ☐ COUNTY

NO.	DESCRIPTION OF WORK	FEE		
	HOUSE SEWER CONNECTING TO PUBLIC SEWER	@ $ 3.50		
	SEPTIC TANK, SEEPAGE PIT OR PITS AND/OR DRAINFIELD	@ $ 3.00		
	OVERFLOW SEEPAGE PIT, DRAINFIELD EXTN., CESSPOOL, DRYWELL, MANHOLE	@ $ 2.00		
	HOUSE SEWER CONNECTING TO PRIVATE DISPOSAL SYSTEM	@ $ 1.00		
	CONNECT ADDITIONAL BLDG. OR WORK TO HOUSE SEWER	@ $ 1.00		
	ALTER, REPAIR OR ABANDON HOUSE SEWER OR DISPOSAL SYSTEM	@ $ 1.00		
	PERMIT	$	1	00
	TOTAL FEE			

OWNER'S AUTHORIZATION

I HAVE AT THIS DATE A CONTRACT WITH THE HEREIN NAMED CONTRACTOR TO CONNECT THE ABOVE DESCRIBED EXISTING DWELLING TO THE PUBLIC SEWER.

SIGNED THIS _____ DAY OF _____ 19____

OWNER OR OWNERS AGENT _____

ADDRESS _____

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING PLUMBING AND SEWERS.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE Downey Chapel By: Miller

DISTRICT NO.	GROUP	MAP BK	MAP PG
4.03	B-3	M	71

CONNECTION DATA

STATION	DEPTH
MANHOLE REFERENCE	UPPER / LOWER
TYPE OF CONNECTION Y. CURB P.L.	LENGTH FROM M.L. TO P.L.
CO. IMP. NO.	P. C. NO. JOB NO.
TRUNK PERMIT NO.	ROAD PERMIT NO.
STATE ENCROACHMENT PERMIT NO.	
INDUSTRIAL WASTE APPROVAL	

CHARGES

CONNECTION CHARGE FEE	
REIMBURSEMENT FEE	

APPROVALS	DATE	INSPECTOR'S SIGNATURE
NEW HOUSE SEWER		
CONNECT ADDITIONAL BUILDING OR WORK		
SEPTIC TANK, SEEP. PIT(S) AND/OR DRAINFIELD		
CESSPOOL ☐ DRYWELL ☐		
ALTER, REPAIR, SEWER OR SEWAGE DISPOSAL SYSTEM		
DISCONNECT PLUG AND ABANDON HOUSE SEWER		
BACKFILL SEPTIC TANKS ☐ SEEP. PIT(S) ☐ CESSPOOLS ☐		

JOHN A. LAMBIE, COUNTY ENGINEER

VALIDATION

CK. M. O. (CASH)

LAC 360005 AUG 30 38 20.25 A

ROBERT A. WOOD, CHIEF PLBG. INSPECTOR

CITY OF DOWNEY

APPLICATION FOR PERMIT

SEWER—SEWAGE DISPOSAL

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS	9360 Foster Bridge Blvd.
LOCALITY	Downey, Calif.
NEAREST CROSS ST.	Suva.
OWNER	Downey Chapel
MAIL ADDRESS	9360 Foster Bridge Blvd.
CITY	Downey TEL. NO. OX 97111

FOR APPLICANT TO FILL IN

LEGAL DESCRIPTION — LOT NO. M & B ATTACHED
BLOCK — TRACT
SIZE OF LOT — NO. OF BLDGS. NOW ON LOT 1
USE OF BUILDINGS CHURCH
CONTRACTOR
ADDRESS
CITY — TEL. NO.
REGISTRATION NO. ☐ STATE ☐ COUNTY

NO.	DESCRIPTION OF WORK	FEE		
	HOUSE SEWER CONNECTING TO PUBLIC SEWER	@ $ 3.50		
	SEPTIC TANK, SEEPAGE PIT OR PITS AND/OR DRAINFIELD	@ $ 3.00		
	OVERFLOW SEEPAGE PIT, DRAINFIELD EXTN., CESSPOOL, DRYWELL, MANHOLE	@ $ 2.00		
	HOUSE SEWER CONNECTING TO PRIVATE DISPOSAL SYSTEM	@ $ 1.00		
	CONNECT ADDITIONAL BLDG. OR WORK TO HOUSE SEWER	@ $ 1.00		
	ALTER, REPAIR OR ABANDON HOUSE SEWER OR DISPOSAL SYSTEM	@ $ 1.00		
	PERMIT	$	1	00
	TOTAL FEE			

OWNER'S AUTHORIZATION

I HAVE AT THIS DATE A CONTRACT WITH THE HEREIN NAMED CONTRACTOR TO CONNECT THE ABOVE DESCRIBED EXISTING DWELLING TO THE PUBLIC SEWER.

SIGNED THIS _____ DAY OF _____ 19____
OWNER OR OWNER'S AGENT _____
ADDRESS _____

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING PLUMBING AND SEWERS.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE Downey Chapel Bill Miller

DISTRICT NO.	GROUP	MAP BK	MAP PG
4.03	B-3	M	71

CONNECTION DATA

STATION — DEPTH
MANHOLE REFERENCE — UPPER / LOWER
TYPE OF CONNECTION Y. CURB P.L. — LENGTH FROM M. TO P.L.
CO. IMP. NO. — P. C. NO. JOB NO.
TRUNK PERMIT NO. — ROAD PERMIT NO.
STATE ENCROACHMENT PERMIT NO.
INDUSTRIAL WASTE APPROVAL

CHARGES

CONNECTION CHARGE FEE
REIMBURSEMENT FEE

APPROVALS	DATE	INSPECTOR'S SIGNATURE
NEW HOUSE SEWER		
CONNECT ADDITIONAL BUILDING OR WORK		
SEPTIC TANK, SEEP. PIT(S) AND/OR DRAINFIELD		
CESSPOOL ☐ DRYWELL ☐		
ALTER, REPAIR, SEWER OR SEWAGE DISPOSAL SYSTEM		
DISCONNECT PLUG AND ABANDON HOUSE SEWER		
BACKFILL SEPTIC TANKS ☐ SEEP. PIT(S) ☐ CESSPOOLS ☐		

JOHN A. LAMBIE, COUNTY ENGINEER

VALIDATION CK. M. O. CASH

ROBERT A. WOOD, CHIEF PLBG. INSPECTOR

LA 60005 AUG 3038 20025 A $

76A642D
S & E-663 11-55

CITY OF DOWNEY

APPLICATION FOR PERMIT

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

SEWER—SEWAGE DISPOSAL 1

BUILDING ADDRESS 7360-Foster Bridge Rd
LOCALITY Downey.
NEAREST CROSS ST. Suva
OWNER Downey Chapel
MAIL ADDRESS
CITY TEL. NO.

FOR APPLICANT TO FILL IN

LEGAL DESCRIPTION LOT NO. ON FILE
BLOCK TRACT
SIZE OF LOT NO. OF BLDGS. NOW ON LOT
USE OF BUILDINGS Church
CONTRACTOR Geo Van Diest & Son
ADDRESS 14745-Betty Jean ave
CITY Bellf. TEL. NO.
REGISTRATION NO. 115987-C-42 ☑ STATE ☐ COUNTY

NO.	DESCRIPTION OF WORK	FEE		
	HOUSE SEWER CONNECTING TO PUBLIC SEWER	@ $ 3.50		
	SEPTIC TANK, SEEPAGE PIT OR PITS AND/OR DRAINFIELD	@ $ 3.00		
	OVERFLOW SEEPAGE PIT, DRAINFIELD EXTN., CESSPOOL, DRYWELL, MANHOLE	@ $ 2.00		
	HOUSE SEWER CONNECTING TO PRIVATE DISPOSAL SYSTEM	@ $ 1.00		
	CONNECT ADDITIONAL BLDG. OR WORK TO HOUSE SEWER	@ $ 1.00		
	ALTER, REPAIR OR ABANDON HOUSE SEWER OR DISPOSAL SYSTEM	@ $ 1.00		
1	TAP & SADDLE		25	00

OWNER'S AUTHORIZATION

PERMIT $ ~~1.00~~
TOTAL FEE 25 00

I HAVE AT THIS DATE A CONTRACT WITH THE HEREIN NAMED CONTRACTOR TO CONNECT THE ABOVE DESCRIBED EXISTING DWELLING TO THE PUBLIC SEWER.

SIGNED THIS _____ DAY OF _____ 19____
OWNER OR OWNERS AGENT _____
ADDRESS _____

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING PLUMBING AND SEWERS.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE Geo Van Diest

DISTRICT NO.	GROUP	MAP BK	MAP PG
4,03	B-3	M-71	

CONNECTION DATA

STATION (APPROX) 6+35.36 DEPTH 11'
MANHOLE REFERENCE ~~[illegible]~~ UPPER LOWER
91.5 West of upper MH.
TYPE OF CONNECTION Y. CURB P.L. LENGTH FROM M.L. TO P.L. 30'
SADDLE 4" JN F-360
CO. IMP. NO P. C. NO. JOB NO. 2487
TRUNK PERMIT NO. ROAD PERMIT NO. 90419
STATE ENCROACHMENT PERMIT NO.
INDUSTRIAL WASTE APPROVAL

CHARGES

CONNECTION CHARGE FEE
REIMBURSEMENT FEE

APPROVALS	DATE	INSPECTOR'S SIGNATURE
NEW HOUSE SEWER	9/13/17	[signature]
CONNECT ADDITIONAL BUILDING OR WORK		
SEPTIC TANK, SEEP, PIT(S) AND/OR DRAINFIELD		
CESSPOOL ☐ DRYWELL ☐		
ALTER, REPAIR, SEWER OR SEWAGE DISPOSAL SYSTEM		
DISCONNECT PLUG AND ABANDON HOUSE SEWER		
BACKFILL SEPTIC TANKS ☐ SEEP. PIT(S) ☐ CESSPOOLS ☐		

JOHN A. LAMBIE, COUNTY ENGINEER

VALIDATION

CK. M. O. CASH

LAC 037965 SEP 11 5 25.00

ROBERT A. WOOD, CHIEF PLBG. INSPECTOR

[signature]

CITY OF DOWNEY

76A667
BBS-17 10-55

APPLICATION FOR PLUMBING PERMIT

1

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 7360 FOSTER BRIDGE
LOCALITY DOWNEY
NEAREST CROSS ST.

DISTRICT NO.	GROUP	ZONE	READY FOR INSPECTION
403	B-3	RA 6000	

INDUSTRIAL WASTE APPROVAL

FOR APPLICANT TO FILL IN

OWNER DOWNEY CHAPEL
MAIL ADDRESS
CITY TEL. NO.
PLUMBER BREDEHOFT PLBG CO INC
ADDRESS 7957 E. IMPERIAL HWY
CITY DOWNEY TEL. NO. TO-18204
LICENSE NO. 163792 C-36

NUMBER	TYPE OF FIXTURE OR ITEM		FEE	
2	WATER CLOSET (TOILET)	@ $1.00	$2	—
	BATH TUB	@ $1.00		
	SHOWER	@ $1.00		
2	LAVATORY (WASH BASIN)	@ $1.00	2	—
1	KITCHEN SINK	@ $1.00	1	—
	DISHWASHER	@ $1.00		
	LAUNDRY TUB OR TRAY	@ $1.00		
	CLOTHES WASHER	@ $1.00		
1	WATER HEATER	@ $1.00	1	—
1	GAS SYSTEM	@ $1.00	1	—
1	DRINK FOUNTAIN		1	—
1	URINAL		1	—
	PERMIT	$	1	00
	TOTAL FEE		10	00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING PLUMBING.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE Jack E Bredehoft

INSPECTION RECORD

5-24-7 ok to cover on class room W

No sink, urinal, fountain or water heater installed. 2-8-61
Erickson

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
UNDER SLAB WORK	3-15-7	[illegible]
ROUGH PLUMBING		
GAS PIPING		
GAS VENT		
HOT WATER HEATER	—	—
PLUMBING FIXTURES		
GAS TEST	1-27-59	Erickson
UTILITY CO. NOTIFIED		
FINAL	2-8-61	Erickson

JOHN A. LAMBIE, COUNTY ENGINEER

VALIDATION
CK. M. O. CASH

ROBERT A. WOOD, CHIEF PLBG. INSPECTOR

LAG 95779 MAR 14 3 1000

Ekson

CITY OF DOWNEY

76A663-CE806 - 7-56

APPLICATION FOR ELECTRIC PERMIT

Foster Bridge Blvd. 1

BUILDING AND SAFETY DIVISION
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 7360 ~~[illegible]~~
LOCALITY Downey
NEAREST CROSS ST. Foster Bridge
OWNER Downey Chappel
MAIL ADDRESS
CITY TEL. NO.
ELECTRICIAN BEN J HUGHES
ADDRESS 9508 LEX GAL Rd
CITY DOWNEY TEL. NO. TO 25347
STATE LICENSE NO. 62348

DISTRICT NO.	GROUP	ZONE	READY FOR INSPECTION
4.03	I	R-A.	9-16-57

FOR APPLICANT TO FILL IN
PERMIT FEES

NUMBER			FEE
14	LIGHT OUTLETS		
10	RECEPTACLES		
10	WALL SWITCHES		
34	TOTAL OUTLETS @	50	$ 1 70
	ELEC. RANGES	25	
	ELEC. HEATERS	25	
	KW EA		
14	FIXTURES	5	70

MOTORS

NUMBER NEW	MVD	HP	HORSEPOWER OVER	INC.	FEE EACH
				½ & LESS	$ .25
			½	2	.50
			2	5	1.00
			5	15	1.50
			15	50	2.50
			50	200	5.00

MISC.

NO. SIGNS NO. TRANS.
NO. SIGNS NO. LAMPS

FOR EACH PERMIT:

WIRING PERMIT	$1.00	1 00
FIXTURE PERMIT	$1.00	1 00
SUPPLEMENTARY	.50	
TOTAL FEE		$ 4 40

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING ELECTRICAL WIRING.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE Ben J Hughes

INSPECTION RECORD

9-17-7 ok in class room
Walls only Wheeler

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
CONDUIT		
WIRING		
FIXTURES		
POWER		
UTILITY CO. NOTIFIED		
FINAL	3-31-57	[illegible]

JOHN A. LAMBIE,
COUNTY ENGINEER

VALIDATION
CK MO CASH

ARTHUR C. VEIT,
SUPERVISING ELECTRICAL ENGINEER

LAGO 59025 SEP 16 2 4.40

76A663
DBS-5A 11-55

APPLICATION FOR ELECTRIC PERMIT

1

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 7360 FOSTER BRIDGE BLVD
LOCALITY DOWNEY CALIF.
NEAREST CROSS ST. FOSTER BRIDGE BLVD & SUMA
OWNER DOWNEY CHAPEL
MAIL ADDRESS 9846 LONGWORTH
CITY WHITTER TEL. NO.
ELECTRICIAN Max G. Hines
ADDRESS BEARSTATE ELECT. CORP.
CITY 5004 N. WALNUT GROVE AVE SAN GABRIEL TEL. NO. CU36477
STATE LICENSE NO. 106065

DISTRICT NO.	GROUP	ZONE	READY FOR INSPECTION
1	B.		

FOR APPLICANT TO FILL IN
PERMIT FEES

NUMBER			FEE
	LIGHT OUTLETS		
3	RECEPTACLES TEMP		
	WALL SWITCHES		
3	TOTAL OUTLETS @	5¢	$ 15
	ELEC. RANGES	25	
	ELEC. HEATERS	25	
	KW EA		
	FIXTURES	5	

MOTORS

NUMBER NEW	NUMBER MVD.	HP	HORSEPOWER OVER	HORSEPOWER INC.	FEE EACH
				½ & LESS	$ .25
			½	2	.50
			2	5	1.00
			5	15	1.50
			15	50	2.50
			50	200	5.00

MISC. TEMP POWER POLE

NO. SIGNS NO. TRANS.
NO. SIGNS NO. LAMPS

FOR EACH PERMIT:

WIRING	$1.00	1 —
FIXTURES	$1.00	
SUPPLEMENTARY	.50	
TOTAL FEE		$ 1 15

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING ELECTRICAL WIRING.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE X Max G. Hines

INSPECTION RECORD

Zone exc # 257F

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
CONDUIT		
WIRING		
FIXTURES		
POWER		
UTILITY CO. NOTIFIED		
FINAL	11/15/56	Wells

JOHN A. LAMBIE, COUNTY ENGINEER

VALIDATION
CK MO CASH

ARTHUR C. VEIT, CHIEF ELECT. INSPECTOR

LAC 014 08 NOV 14 2 1.15 -

APPLICATION FOR BUILDING PERMIT

HNM 3431

1

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUPT OF BUILDING

BUILDING ADDRESS: 7360 Foster Bridge
LOCALITY: Downey
NEAREST CROSS ST.: Suva

DISTRICT NO.: 4.0B | GROUP: B-3 | TYPE CONST.: V | SEWER MAP BK: M PG: 71

MAP NUMBER: 3400 C 3-4B | STATE HWY: YES NO

USE ZONE: R A 6000 | SPECIAL CONDITIONS: Zone Exception #2571 3401

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST. WIDTH
FRONT P. L.	20'		Suva	40'
SIDE P. L.	20'		Foster Bridge	40'

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 7360 Foster Bridge Blvd.
LOT NO.: See Attached | BLOCK:
TRACT:
SIZE OF LOT: 280 x 267 | NO. OF BLDGS. NOW ON LOT: 0
USE OF EXISTING BLDG.:

OWNER: Downey Chapel
MAIL ADDRESS: 9846 Longworth
CITY: Whittier Calif. | TEL. NO.: Ox 97111
ARCHITECT OR ENGINEER: C. Miller | TEL. NO.: To 95738
ADDRESS: 9112 Stoakes Downey, Calif
CONTRACTOR: Downey Chapel | TEL. NO.: Ox-97111
ADDRESS: 9846 Longworth Whittier

DESCRIPTION OF WORK

NEW | ADD | ALTER | REPAIR | DEMOLISH

SQ. FT. SIZE: 1632 | NO. OF STORIES: 1 | NO. OF FAMILIES:
USE OF STRUCTURE: For Church & Sunday School Bldg.
SIGNATURE OF APPLICANT: Ellis P. Woolf
ADDRESS: 9502 Brock Ave. Downey, Calif

	TRACT DWELL.	1 UNIT		INDUSTRIAL
0			5	
1	DWELL.	1 UNIT	6	PUBLIC BLDG.
2	DUPLEX	12 2 UNITS	7	ADDN., ALT., ETC.
3	APT.	____ UNITS	8	MISCEL.
4	COMMERCIAL			

$ 10000 VALUATION

P. C. $ 12.00 FEE

$ 24.00 FEE

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE: Clyde W. Miller
ADDRESS:

INSPECTION RECORD

See ZEC # 2571

2-27-7	See Report in file re Caissons	Mirkl
3-28-7	Job progressing slowly - will	
4-10-7	No footings poured -	
4-17-57	Rods showing OK	

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	3/20/57	Crossley
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCT		
LATH, INT.	2-17-58	Erickson
LATH, EXT.	10/29/57	W.P. Fuller
HOUSE NUMBER CORRECT AND POSTED		
FINAL	2-8-61	Erickson

JOHN A. LAMBIE, COUNTY ENGINEER

VALIDATION
CK MO CASH

CLYDE N. DIRLAM, CHIEF BLDG. INSPECTOR

LA 009428 NOV 13 16 12.00 Lto 79415 JAN 8 1 24.00 *

Huff

O'Brien

ON MUST BEAR INDUSTRIAL WASTE CLEARANCE

4-13-78 Identify all circuits at
1 sub panel
2 - Need cover for existing
sub panel
3 - Need addn permit for
new work in corridor & kitchen
4-13-78 K Sherwood

4-18-78 Permit not yet
obtained. Left notice [illegible]

BD-1

CITY OF DOWNEY BUILDING

8425 E. SECOND ST. — TELEPHONE: TOPAZ 1-0361

DIVISION OF BUILDING AND SAFETY PERMIT - APPLICATION

1

EXISTING ADDRESS	7360 Foster Bridge Rd.
LOCALITY	Downey
DATE REC'D	9/22/77
OWNER	Lord's Grace Assembly
MAIL ADDRESS	7360 Foster Bridge Rd.
CITY	Downey
TEL. NO.	
CONTRACTOR	Downey Htg & Air Cond.
ADDRESS	11223 Old River School Rd.
CITY	Downey
TEL. NO	927-6517
STATE LIC. NO.	177758
DOWNEY BUS. LICENSE NO.	
ARCHITECT OR ENGINEER	~~[illegible]~~ McClean & Schu
ADDRESS	2000 E Chapman
CITY	Fullerton
TEL. NO.	714-871-7370
STATE LIC. NO.	SE 1723
DOWNEY BUS. LICENSE NO.	PCH 52511
LOT	MeB
BLOCK	
TRACT	
LOT SIZE	267 x 210
NO. BLDGS. NOW ON LOT	1
USE OF EXISTING BUILDINGS	Church
METES AND BOUNDS ATT	YES / NO
CASH DEPOSIT ASSIGNMENT	DATE FILED / REC'D BY
CASH DEPOSIT	DATE FILED / REC'D BY
CASH DEPOSIT RELEASED	
PARCEL NUMBER	

NEW	ADD	ALTER	REPAIR	DE-MOLISH	MOVE	OCCUPANCY
X						

LIMITED TIME USE	FROM	TO	CERT. OF OCC. NO. 104
AREA SQ. FT.	NO. STORIES	ROOF COVERING	
WALL COVERING	INT.	EXT.	

PROPOSED WORK: Install owners air conditioners and duct work as required.

SIGNATURE OF APPLICANT: R W Koehler

ADDRESS: 11223 Old River School Rd.

VALUATION	$8,500.00
$	
PLAN CHECK FEE	$
PERMIT FEE	$ 58.00
STATE QUAKE TAX	$ 60

BUILDING ADDRESS	7360 Foster Bridge
NEAREST CROSS STREET	Suva

MAP NO.	GROUP	TYPE CONST.	SEWER MAP NO.
3401	A-3 (1976)	V-1hr.	M-71

ZONE	RV/6000
SPECIAL CONDITIONS	ZEC 2571
FIRE ZONE	2

SET BACK	YARD	HWY.	STREET NAME	WIDTH
FRONT P.L.			Foster	40
SIDE P.L.			Suva	40

PLANNING DEPT. APPROVAL	DATE
PUBLIC WORKS DEPT. APPROVAL	DATE
FIRE DEPT. APPROVAL	DATE
MISC. APPROVAL	DATE
W.C. INS. NO.	DATE

APPROVALS	DATE	INSPECTORS SIGNATURE
FOUNDATION LOCATION FORMS - MATERIALS	9-	
SLAB ☐ FLOOR JOISTS ☐		
INSULATION ☐ STEEL ☐		
SOUND ASSEM.		
FRAMING		
LATH OR GYPSUM INTERIOR		
LATH EXTERIOR		
STUCCO - SCRATCH		
STUCCO - BROWN		
PLASTER - BROWN		
FINAL APPROVAL	3-5-79	R H Evers

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY OF DOWNEY AND STATE OF CALIFORNIA LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA IN RELATING TO WORKMEN'S COMPENSATION INSURANCE.

[XX]

☐ I AM THE OWNER OF THE PROPERTY AND WILL PERSONALLY PERFORM THE ABOVE WORK.

☐ I AM THE OWNER OF THIS PROPERTY AND WILL CONTRACT TO HAVE ALL OF THE WORK PERFORMED BY LICENSED CONTRACTOR.

SIGNATURE OF PERMITTEE: R W Koehler

89211 [illegible] 2 77 58.60 [illegible]

PLAN CHECK VALIDATION CK. M.O. CASH

PERMIT VALIDATION CK. M.O. CASH R H Evers

45761

Screen Unit & Ducts
from View
5-10-78 Screen from view
talked with Downey [illegible]

CITY OF DOWNEY BUILDING

8425 E. SECOND ST. — TELEPHONE: TOPAZ 1-0361

DIVISION OF BUILDING AND SAFETY PERMIT - APPLICATION

1

EXISTING ADDRESS	7360 FOSTER BRIDGE
LOCALITY	Downey — DATE REC'D 6-16-77 BY [illegible]
OWNER	~~[illegible]~~ Fords Grace Disseminating
MAIL ADDRESS	7360 Foster Bridge Blvd
CITY	Downey — TEL. NO.
CONTRACTOR	GEM Construction
ADDRESS	P.O. Box 1510
CITY	Downey Cal — TEL. NO. 9238987
STATE LIC. NO.	— DOWNEY BUS. LICENSE NO.
ARCHITECT OR ENGINEER	McLean & Schultz
ADDRESS	2000 E Chapman Ave
CITY	Fullerton — TEL. NO. 714 871 7370
STATE LIC. NO.	SE 1723 — DOWNEY BUS. LICENSE NO.
LOT	N/A B — BLOCK — TRACT
LOT SIZE	Irregular — NO. BLDGS. NOW ON LOT
USE OF EXISTING BUILDINGS	Church
METES AND BOUNDS ATT	YES — NO
CASH DEPOSIT ASSIGNMENT	DATE FILED — REC'D BY
CASH DEPOSIT	DATE FILED — REC'D BY
CASH DEPOSIT RELEASED	
PARCEL NUMBER	

NEW	ADD	ALTER	REPAIR	DEMOLISH	MOVE	OCCUPANCY
	X	X				

LIMITED TIME USE	FROM	TO	CERT. OF OCC. NO. 104
AREA SQ. FT. 3300	NO. STORIES 2	ROOF COVERING Blt Up	
WALL COVERING	INT. Drywall Type X	EXT. Ext Stucco	

PROPOSED WORK: Add to nave & narthex of Church & 2 story addition to Sunday School

SIGNATURE OF APPLICANT: G E Murray

ADDRESS: P.O. Box 1510

BUILDING ADDRESS	7360 Foster Bridge
NEAREST CROSS STREET	Sova
MAP NO.	3401
GROUP	B-3 Add (1976)
TYPE CONST.	V 1 hr
SEWER MAP NO.	M-71
ZONE	R-1 6000
SPECIAL CONDITIONS	ZEC #1349
FIRE ZONE	2 — ZEC 1351

SET BACK	YARD	HWY.	STREET NAME	WIDTH
FRONT P.L.	20	CL	Foster Bridge	40
SIDE P.L.	30	CL	Sova	60

PLANNING DEPT. APPROVAL	[signature]	DATE 6-16-77
PUBLIC WORKS DEPT. APPROVAL	N.S. LEE	DATE 6-16-77
FIRE DEPT. APPROVAL		DATE
MISC. APPROVAL		DATE
W.C. INS. NO.		DATE

APPROVALS	DATE	INSPECTORS SIGNATURE
FOUNDATION LOCATION FORMS - MATERIALS	7-18-77	[signature]
SLAB ☐ FLOOR JOISTS ☐		
INSULATION ☑ STEEL ☐	8-26-77	[signature]
SOUND ASSEM.		
FRAMING		
LATH OR GYPSUM INTERIOR		
LATH EXTERIOR		
STUCCO - SCRATCH	11-6-78	R Towers
STUCCO - BROWN	11-21-78	R Towers
PLASTER - BROWN		
FINAL APPROVAL	3-5-79	R Towers

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY OF DOWNEY AND STATE OF CALIFORNIA LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED

☒ HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA IN RELATING TO WORKMEN'S COMPENSATION INSURANCE.

☐ I AM THE OWNER OF THE PROPERTY AND WILL PERSONALLY PERFORM THE ABOVE WORK.

☐ I AM THE OWNER OF THIS PROPERTY AND WILL CONTRACT TO HAVE ALL OF THE WORK PERFORMED BY LICENSED CONTRACTOR.

SIGNATURE OF PERMITTEE: G E Murray

VALUATION	$ Refer to BP# 52511
$	~~[illegible]~~
PLAN CHECK FEE	$
PERMIT FEE	$ No fee
STATE QUAKE TAX	$

P C# 52511 BP# 72220

PLAN CHECK VALIDATION CK. M.O. CASH

PERMIT VALIDATION CK. M.O. CASH R Towers

STOP AM WORK
UNTIL JOB IS READY
& PROPER INSPECTIONS ARE
MADE
SEPERATE REPORT FOR
PAVING. STILL NEED LETTER
FROM ENGINEER [illegible]

CURB, GUTTERS, SIDEWALKS, STREET
PAVING, DRIVEWAY [illegible] STREET
LIGHTING [illegible]
[illegible]
[illegible]
[illegible]

[illegible] 6-16-77
Signature Date

14) WEATHER STRIP & SEAL
ALL DOORS & WINDOWS
15) REPAIR ALL ROOF LEAKS
NEW ROOF LESS THAN 2% NOT
ACCEPTABLE

16) REMOVE DEFECTIVE ELECTRIC
IN FRONT YARD [illegible]
17) PROVIDE PROPER STEPS AT
NURSERY

18) PROVIDE PROPER
STEPS IN NURSERY
19) COVER PANEL & SLEEVES
IN LIBRARY
20) EXIT SIGNS OVER DOOR
WEST SIDE OF FELLOWSHIP HALL

21) REMOVE & REPAIR ANY
WATER DAMAGE STUCCO AT
STAIRS & NORTH WALL
REPAIR LARGE CRACKS IN
STUCCO EXTERIOR LATH
& SCRATCH NOT SIGNED
OFF
3-24-78
[illegible]

5-23-78 [illegible] on jobs
DISCUSSED CORRECTIONS [illegible]

CITY OF DOWNEY

8425 E. SECOND ST. — TELEPHONE: TOPAZ 1-0361

BUILDING 1

DEPARTMENT OF BUILDING AND SAFETY PERMIT - APPLICATION

EXISTING ADDRESS: 7360 FOSTERBRIDGE BLVD.
LOCALITY: DOWNEY | DATE REC'D. | BY
OWNER: LORD'S GRACE ASSEMBLY
MAIL ADDRESS: 7360 FOSTER BRIDGE BLVD.
CITY: DOWNEY 90240 TEL. NO.
CONTRACTOR: GEM CONSTRUCTION
ADDRESS: P.O. BOX 1510
CITY: DOWNEY Ca. TEL. NO. 923-8987
STATE LIC. NO. | DOWNEY BUS. LICENSE NO.
ARCHITECT OR ENGINEER: McLEAN & SCHULTZ
ADDRESS: 2000 E. CHAPMAN AVE.
CITY: FULLERTON TEL. NO. 714-871-7370
STATE LIC. NO. SE 1723 | DOWNEY BUS. LICENSE NO.
LOT: M&B BLOCK TRACT
LOT SIZE: IRREGULAR | NO. BLDGS. NOW ON LOT
USE OF EXISTING BUILDINGS: CHURCH
METES AND BOUNDS ATT YES NO

SURETY BOND	DATE FILED	REC'D. BY
CASH DEPOSIT	DATE FILED	REC'D. BY
SURETY BOND RELEASED		
PARCEL NUMBER		

NEW	ADD	ALTER	REPAIR	DEMOLISH	MOVE	OCCUPANCY
	X	X				

TRAILER | SAFETY | INSPECT FOR OCCUPANCY AS
LIMITED TIME USE | FROM | TO | CERT. OF OCC. NO. 184
AREA SQ. FT. 3300 | NO. STORIES 2 | ROOF COVERING BUILT-UP
WALL COVERING | INT. DRYWALL TYPE "X" | EXT. EXT STUCCO
PROPOSED WORK: ADD TO NAVE & NARTHEX OF CHURCH ~~& 2 STORY ADDITION TO SUNDAY SCHOOL~~
SIGNATURE OF APPLICANT: [signature]
ADDRESS: 2000 E. CHAPMAN FULLERTON

VALUATION $ 66,000

PLAN CHECK FEE $ 260.00
PERMIT FEE $ 400.00
Q.T. 4.62

BUILDING ADDRESS: 7360 FOSTERBRIDGE
NEAREST CROSS STREET: SUVA
MAP NO. 3401 | ORDER A-3 | TYPE CONST. I-1HR. | SEWER MAP NO. M-71
ZONE R1-6000 | SPECIAL CONDITIONS 11976 ZEC #1249 p/c SECTION 8100 Per approval

SET BACK	YARD	HWY	STREET NAME	WIDTH
FRONT P.L.			FOSTERBR.	
SIDE P.L.				

PLANNING DEPT. APPROVAL: [signature] | DATE 4-6-77
PUBLIC WORKS DEPT. APPROVAL: W.S. LEE | DATE 4-6-77
FIRE DEPT. APPROVAL: W. E. [signature] | DATE 3/30/77
POLICE DEPT. APPROVAL | DATE
MISC. APPROVAL | DATE
W.C. INS. NO. WPZ 2193563 | DATE

APPROVALS	DATE	INSPECTORS SIGNATURE
FOUNDATION LOCATION FORMS - MATERIALS	5-27-77	[signature]
SLAB FLOOR JOISTS		
FRAMING		
LATH OR GYPSUM INTERIOR		
LATH EXTERIOR		
STUCCO - SCRATCH		
STUCCO - BROWN		
PLASTER - BROWN		
PAVING		
HOUSE NUMBER CORRECT AND POSTED		
FINAL APPROVAL	3-5-79	[signature]

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY OF DOWNEY AND STATE OF CALIFORNIA LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA IN RELATING TO WORKMEN'S COMPENSATION INSURANCE.

[X] I AM THE OWNER OF THE PROPERTY AND WILL PERSONALLY PERFORM THE ABOVE WORK.

[ ] I AM THE OWNER OF THIS PROPERTY AND WILL CONTRACT TO HAVE ALL OF THE WORK PERFORMED BY LICENSED CONTRACTOR.

SIGNATURE OF PERMITTEE: [signature]

PLAN CHECK VALIDATION: CK. M.O. CASH
PERMIT VALIDATION: CK. M.O. CASH

Ftys For 2nd Floor add OK 5-27-77 [illegible]
Slab 2nd Floor add OK 6-3-77 [illegible]

[illegible] 4-6-77

1) 1 hr const for water Heater Pt Valve to outside
2) 5/8 Drywall Celing in new corridor Provide lighting. Provide Bldg Dept Approval on less than 2% Slope
3) Health dept Approval on Kitchen & Permits
4) Nail 5/8 Drywall 4" OC on non Bearing walls in Kitchen
5) Patch Around outlet Box
6) Exit lights to be on
7) Louvered windows 1 Hour Protection 5/8 Drywall
8) Complete Air Return upstair wall Screen unit from view
9) 1 Hr protection around Duct Through upstairs Room
10) Replace on Repair all water damaged Celings & walls in Kitchen, halls, offices Bathrooms & Entries
12) Office Light fixture & Celing
13) Provide Details on Sound Room 1 Hour Const Protect Flex at Latter

Continued

CITY OF DOWNEY

8425 E. SECOND ST. – TELEPHONE: TOPAZ 1-0361

APPLICATION FOR PLUMBING PERMIT

1

NO.	NUMBER OF FIXTURES OR ITEMS	NO.	
5	WATER CLOSET		BATH TUB
	SHOWER	3	LAVATORY
1	SINK		AUTOMATIC WASHER
	LAUNDRY TUB	1	DISHWASHER
1	GARBAGE DISPOSAL		FLOOR SINK
1	FLOOR DRAIN		WATER SOFTENER
	WALL FURNACE		URINAL
	WATER PIPING		BACKFLOW DEVICE
1	DRINKING FOUNTAIN		INTERCEPTOR

TOTAL # 13	2.00 PER ITEM OR FIXTURE	FEE $	26 00
1	WATER HEATER	1.00	1 00
1	WATER HEATER VENT.	1.00	1 00
	REPAIR OR ALTER DRAINAGE AND/OR VENT PIPING SERVING NOT MOR THAN 2 FIXTURES	1.00	
	EACH ADD. FIXTURE OVER 2 FIXTURES	1.00	
	GAS PRESSURE REGULATOR	1.50	
	LAWN SPRINKLERS 1 TO 5 VALVES OR VACUUM BREAKERS	3 00	
	6 TO 12 CONTROL VALVES OR VACUUM BREAKERS	4.00	
	OVER 12 CONTROL VALVES OR VACUUM BREAKERS	7.00	
	REPLACING WATER PIPING IN A BUILDING EACH FIXTURE 1-5	1.00	
	OVER 5 FIXTURES EACH	.40	
1	EACH GAS PIPING SYSTEM 10 OR LESS OUTLETS ON ONE METER	3.00	3 00
	OVER 10 OUTLETS ON ONE METER EACH OUTLET	.40	
	SWIMMING POOLS	17.00	
	STAND PIPES WET OR DRY EACH OUTLET	3.00	
	FIRE SPRINKLERS (SEE SCHEDULE)		
	PERMIT	$	4 00
	TOTAL FEE	$	35 00

BUILDING ADDRESS: 7360 So Stone Bridge Rd

NEAREST CROSS ST.: Silva

OWNER: Lord's Grace Assembly/Church

MAIL ADDRESS: 7360 South Bridge Road

CITY: Downey TEL. NO.:

CONTRACTOR: CJJ Plumbing INC

ADDRESS: 616-B Anaheim BLVD

CITY: Anaheim TEL. NO.: 904-6896

STATE LICENSE: 330280 CITY BUS. LIC. NO.:

GROUP	ZONE	WORKMANS COMP. ON FILE
U-2	R1	on file

APPROVALS

	DATE	Inspector's Signature
UNDER SLAB WORK	6-9-77	[signature]
WATER SYSTEM		
ROUGH PLUMBING	8-26-77	[signature]
GAS PIPING		
GAS VENT		
HOT WATER HEATER		
PLUMBING FIXTURES		
GAS TEST		
SHOWER PAN		
P-TRAP		
UTILITY CO. NOTIFIED		
FINAL	3-5-79	[signature]

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY OF DOWNEY AND STATE OF CALIFORNIA LAWS REGULATING PLUMBING.

☑ I CERTIFY THAT I POSSESS A VALID CONTRACTORS LICENSE FOR THIS TYPE OF WORK AND WILL NOT EMPLOY ANY PERSON IN SUCH A MANNER AS TO BECOME SUBJECT TO THE WORKMANS COMPENSATION LAWS OF CALIFORNIA.

☐ I AM THE OWNER OF THE PROPERTY AND WILL PERSONALLY PERFORM THE ABOVE WORK.

☐ I AM THE OWNER OF THIS PROPERTY AND WILL CONTRACT TO HAVE ALL THE WORK PERFORMED BY LICENSED CONTRACTOR.

SIGNATURE OF PERMITTEE: [signature]

VALIDATION CH. M.O. CASH

DEPARTMENT APPROVAL: [signature]

PS not piped to website 9-18-78

CITY OF DOWNEY

8425 E. SECOND ST. – TELEPHONE: TOPAZ 1-0361

APPLICATION FOR ELECTRIC PERMIT

1

PERMIT FEES

ITEM		NO.	EACH	FEES
LIGHTS SW. RECEPT. 15 20 45	1 TO 20	20	$ .55	11 00
	OVER 20		.30	18 00
LIGHT FIXTURES	1 TO 20	20	.55	11 00
	OVER 20		.30	
ELECT. RANGE, DISHWASHER, WATER HTR. (10), KITCHEN FAN, SPACE HTR. baseboard, GEN'RATOR (TRANSF)	CLO. DRYER, GARB. DISP., STA. APPL., OVEN, FURNACE, MR. WELDER	10 / 1	2.50	25 00 / 2 50

SAME AS MOTORS 1-KVA = 1 HP

H.P.			H.P.			
0–1		3.00	50–100		25.00	
1–5		5.00	OVER 100		30.00	
5–20		7.00				
20–50		10.00				

SERVICE–INCL. (1) METER 600 VOLTS OR LESS NOT OVER 200 AMPS.		12.50	
201 TO 400	1	15.00	15 00
401 TO 1200		25.00	
OVER 1200		40.00	
EA. ADDITIONAL ~~METER~~ panel		2.00	2 00
SERVICE OVER 600 VOLTS		50.00	
TEMPORARY SERVICE POLE		11.00	
PERMIT FEE		6.00	6 00
SUPPLEMENTAL PERMIT		3.00	
TOTAL FEE			$ 90 50

BUILDING ADDRESS: 7360 FOSTER BRIDGE RD.
NEAREST CROSS ST.: TWEEDY & SUVA.
OWNER: LORDS GRACE CHURCH
MAIL ADDRESS: 7360 FOSTER B.
CITY: DOWNEY TEL. NO. 923-8987
ELECTRICIAN: J.P. LAGANA & CO.
ADDRESS: 9704 WASHBURN.
CITY: DOWNEY TEL. NO. 8629007
STATE LICENSE: 284893 CITY BUS. LICENSE:

GROUP	ZONE	WORKMANS COMP.
B-2	R1 6000	TRUCK INS. EX. 1034426WC

INSPECTORS RECORD

APPROVALS

	DATE	Inspectors Signature
CONDUIT		
WIRING	8-11-77	[signature]
CEILING HEAT		
FIXTURES		
UTILITY CO. NOTIFIED POWER ☐ LIGHT ☐		
FINAL	5-12-78	[signature]

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY OF DOWNEY AND STATE OF CALIFORNIA LAWS REGULATING ELECTRICAL WIRING.

☒ I CERTIFY THAT I POSSESS A VALID CONTRACTORS LICENSE FOR THIS TYPE OF WORK AND WILL NOT EMPLOY ANY PERSON IN SUCH A MANNER AS TO BECOME SUBJECT TO THE WORKMANS COMPENSATION LAWS OF CALIFORNIA.

☐ I AM THE OWNER OF THE PROPERTY AND WILL PERSONALLY PERFORM THE ABOVE WORK.

☐ I AM THE OWNER OF THIS PROPERTY AND WILL CONTRACT TO HAVE ALL THE WORK PERFORMED BY LICENSED CONTRACTORS.

SIGNATURE OF PERMITTEE: [signature]

86912 AUG 12 77 90.50

VALIDATION CK. MO. CASH

H. Rayson
DEPARTMENTAL APPROVAL

BD-9

DEPARTMENT OF BUILDING AND SAFETY

PLOT PLAN

CITY OF DOWNEY

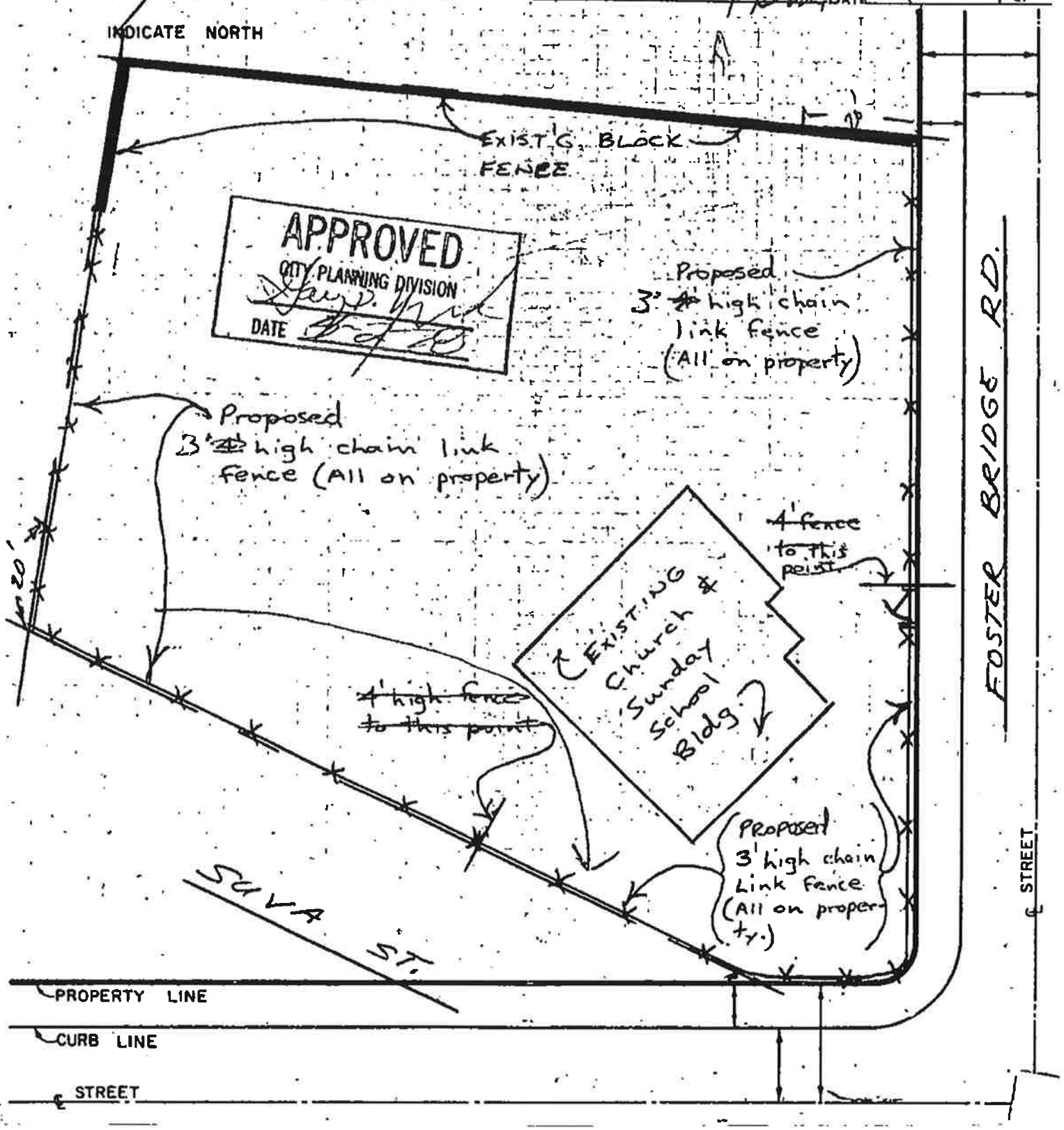
CORNER LOT

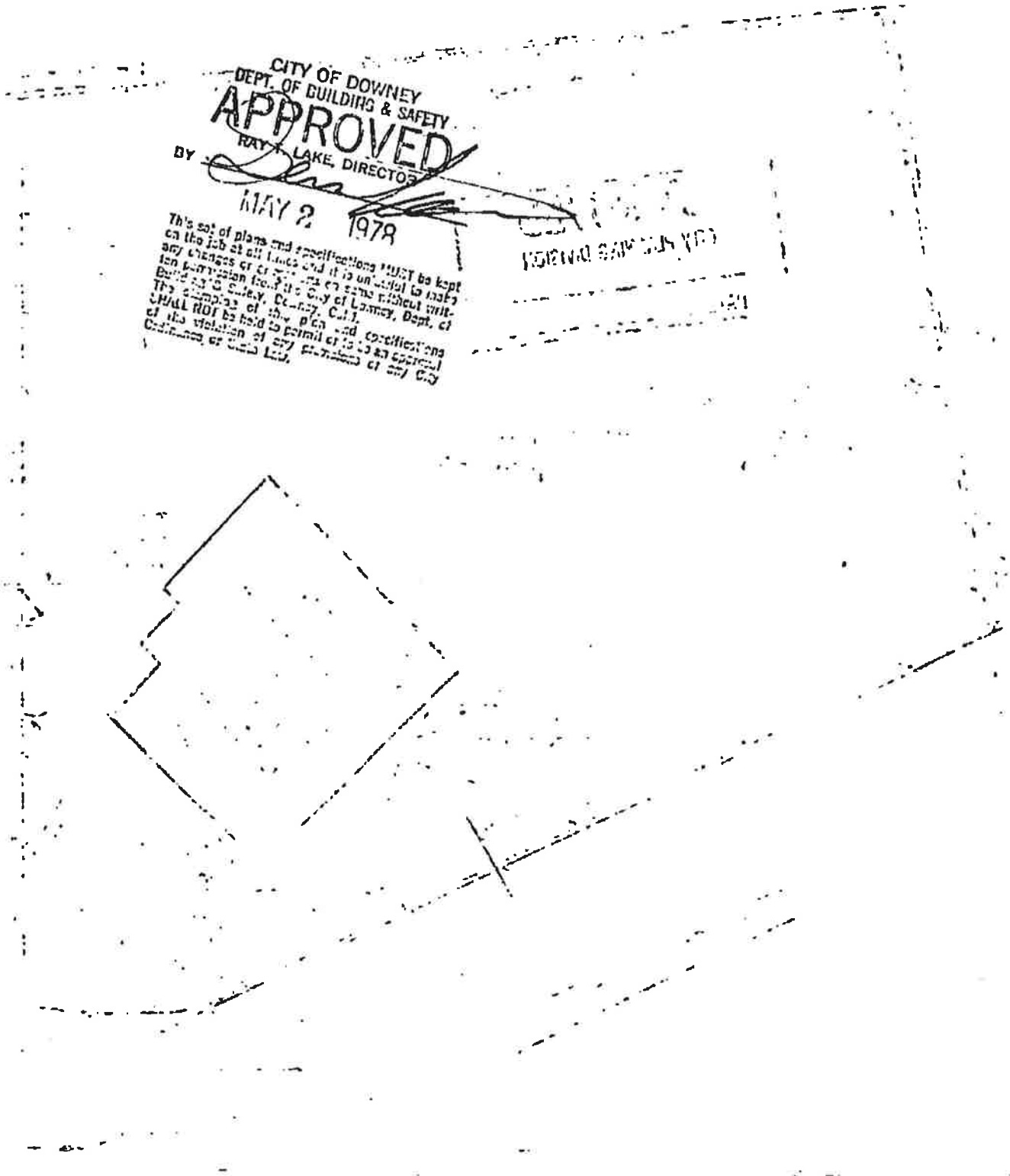
INTERIOR LOT

BUILDING ADDRESS 7360 FOSTER BRIDGE OWNER LORD'S GRACE ASSEMBLY

SIGNATURE OF APPLICANT [signature] MAIL ADDRESS 4130 Cherry Ave, Long Beach PERMIT NO.

DATE 4-21-78




CITY OF DOWNEY
DEPT. OF BUILDING & SAFETY
APPROVED
BY RAY LAKE, DIRECTOR
MAY 2 1978
This set of plans and specifications MUST be kept on the job at all times and it is unlawful to make any changes or alterations on same without written permission from the City of Downey, Dept. of Building and Safety, Downey, Calif.
The issuance of this plan and specifications SHALL NOT be held to permit or to be an approval of the violation of any provisions of any City

BD-1

CITY OF DOWNEY — BUILDING

8425 E. SECOND ST. — TELEPHONE: TOPAZ 1-0361

DIVISION OF BUILDING AND SAFETY PERMIT - APPLICATION

1

EXISTING ADDRESS: 7360 Foster Bridge Rd	BUILDING ADDRESS: 7360 Foster Bridge Rd
LOCALITY:	DATE REC'D: 2-21-79 BY:
OWNER: Lords Grace Assembly	NEAREST CROSS STREET: Sure
MAIL ADDRESS: 7360 Foster Bridge Rd	MAP NO.: 34D1 GROUP: F-Fence TYPE CONST.: IV SEWER MAP NO.: M-71
CITY: Downey TEL. NO.: 429-9658	ZONE: R-1 6000 SPECIAL CONDITIONS: 2 # 1249
CONTRACTOR: Crown Fence Co.	FIRE ZONE: 3 Sed. 8100'
ADDRESS: 9130 Cherry Ave	SET BACK: FRONT P.L. / SIDE P.L. — YARD: / — HWY.: / — STREET NAME: Foster Bridge / Sure — WIDTH: 40' / 60'
CITY: Fons Beach TEL. NO: 635-8173	PLANNING DEPT. APPROVAL: [illegible] DATE: 2-20-79
STATE LIC. NO.: 131.5 DOWNEY BUS. LICENSE NO.:	PUBLIC WORKS DEPT. APPROVAL: DATE:
ARCHITECT OR ENGINEER	FIRE DEPT. APPROVAL: DATE:
ADDRESS: Plot Plan	MISC. APPROVAL: DATE:
CITY: TEL. NO.:	W.C. INS. NO.: on file DATE:
STATE LIC. NO.: DOWNEY BUS. LICENSE NO.:	
LOT: M+D BLOCK: TRACT:	
LOT SIZE: Irreg. NO. BLDGS. NOW ON LOT:	
USE OF EXISTING BUILDINGS: Church + Sunday School Bldg	
METES AND BOUNDS ATT: (YES) NO	

APPROVALS	DATE	INSPECTORS SIGNATURE
FOUNDATION LOCATION FORMS - MATERIALS		
SLAB ☐ FLOOR JOISTS ☐		
INSULATION ☐ STEEL ☐		
SOUND ASSEM.		
FRAMING		
LATH OR GYPSUM INTERIOR		
LATH EXTERIOR		
STUCCO - SCRATCH		
STUCCO - BROWN		
PLASTER - BROWN		
FINAL APPROVAL		

CASH DEPOSIT ASSIGNMENT		DATE FILED		REC'D BY			
CASH DEPOSIT		DATE FILED		REC'D BY			
CASH DEPOSIT RELEASED							
PARCEL NUMBER	6358	15	31				
NEW: X	ADD	ALTER	REPAIR	DE-MOLISH	MOVE	OCCUPANCY	
LIMITED TIME USE	FROM	TO	CERT. OF OCC. NO.				
AREA SQ. FT: None	NO. STORIES	ROOF COVERING					
WALL COVERING	INT.	EXT.					

PROPOSED WORK: 200'0.S. Chain link fence
39-1'0.36" Chain link.
Gate ALL ON THIS PROPERTY.

SIGNATURE OF APPLICANT: John Crown

ADDRESS: 9130 Cherry Ave, Fons Beach

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY OF DOWNEY AND STATE OF CALIFORNIA LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA IN RELATING TO WORKMEN'S COMPENSATION INSURANCE. ☒

☐ I AM THE OWNER OF THE PROPERTY AND WILL PERSONALLY PERFORM THE ABOVE WORK.

☐ I AM THE OWNER OF THIS PROPERTY AND WILL CONTRACT TO HAVE ALL OF THE WORK PERFORMED BY LICENSED CONTRACTOR.

SIGNATURE OF PERMITTEE: John Crown

PLAN CHECK FEE	ISSUANCE FEE	$ 10.00
	PERMIT FEE	$ 34.50
VALUATION $ 2500.00	STATE QUAKE TAX	$ .50

29412 FEB 28 79 45.00 Sensta

PLAN CHECK VALIDATION CK. M.O. CASH

PERMIT VALIDATION CK. M.O. CASH 387

BD-2

DEPARTMENT OF BUILDING AND SAFETY

PLOT PLAN

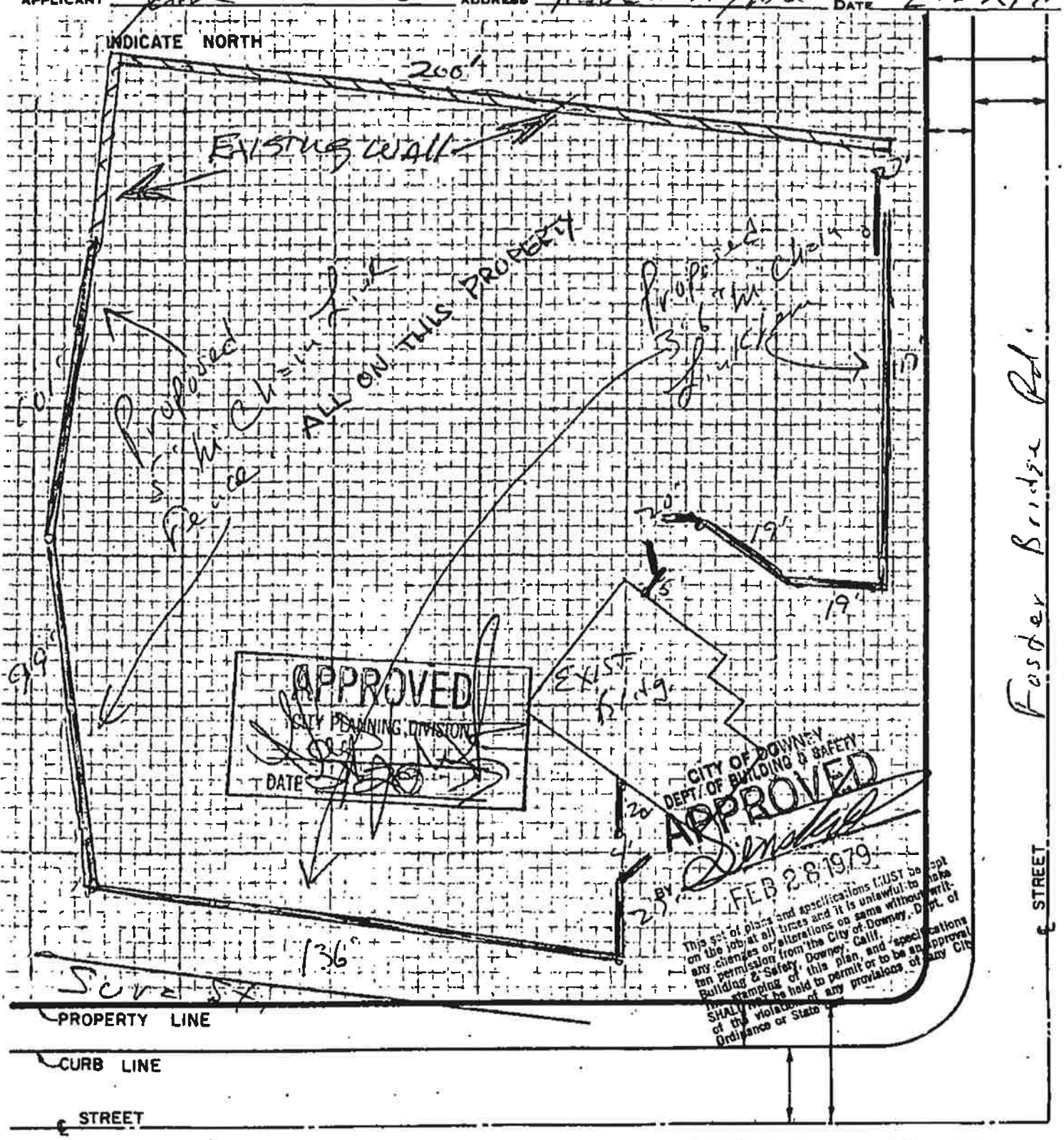
CITY OF DOWNEY

CORNER LOT

INTERIOR LOT

BUILDING ADDRESS 7360 Foster Bridge Blvd. OWNER MAIL ADDRESS Lord's Grace Assembly 4130 Cherry Rd. PERMIT NO.

SIGNATURE OF APPLICANT [signature] DATE 2-27-79



BD-3

CITY OF DOWNEY BUILDING

8425 E. SECOND ST. — TELEPHONE: TOPAZ 1-0361

DIVISION OF BUILDING AND SAFETY PERMIT - APPLICATION

1

EXISTING ADDRESS	7360 Foster Bridge Rdr
LOCALITY	DATE REC'D 5-2-78 BY
OWNER	Lords' Grace Assembly
MAIL ADDRESS	7360 Foster Bridge Rdr
CITY	Downey TEL. NO. 429-9658
CONTRACTOR	So-Cal Fence Cor
ADDRESS	4130 Cherry Ave
CITY	Long Beach TEL. NO 635-8173
STATE LIC. NO.	41259 DOWNEY BUS. LICENSE NO.
ARCHITECT OR ENGINEER	
ADDRESS	Plot Plan
CITY	TEL. NO.
STATE LIC. NO.	DOWNEY BUS. LICENSE NO.
LOT	M+B BLOCK TRACT
LOT SIZE	Irreg. NO. BLDGS. NOW ON LOT 1
USE OF EXISTING BUILDINGS	Church + Sunday School Bldg
METES AND BOUNDS ATT	YES NO
CASH DEPOSIT ASSIGNMENT	DATE FILED REC'D BY
CASH DEPOSIT	DATE FILED REC'D BY
CASH DEPOSIT RELEASED	
PARCEL NUMBER	6358 15 31

NEW	ADD	ALTER	REPAIR	DE-MOLISH	MOVE	OCCUPANCY
X						

LIMITED TIME USE	FROM	TO	CERT. OF OCC. NO.

AREA SQ. FT.	NO. STORIES	ROOF COVERING
None	—	—

WALL COVERING	INT.	EXT.
	—	—

PROPOSED WORK: ~~576~~ Lin. Ft. of 3' high Chain 757' Link Fence ALL ON THIS PROPERTY)

SIGNATURE OF APPLICANT: John Dawn

ADDRESS: 4180 Cherry Ave Long Beach

PLAN CHECK FEE	ISSUANCE FEE $
	PERMIT FEE $ 22.00
VALUATION $ 2300.00	STATE QUAKE TAX $ .50

BUILDING ADDRESS	7360 Foster Bridge Rdr
NEAREST CROSS STREET	Suva

MAP NO.	GROUP	TYPE CONST.	SEWER MAP NO.
3401	J-Fence	IV	M-71

ZONE	SPECIAL CONDITIONS
R-1 6000	Z # 1249
FIRE ZONE 3	Sect. 8100

SET BACK	YARD	HWY.	STREET NAME	WIDTH
FRONT P.L.			Foster Bridge	40'
SIDE P.L.			Suva	60'

PLANNING DEPT. APPROVAL: [signature]	DATE 5-2-78
PUBLIC WORKS DEPT. APPROVAL	DATE
FIRE DEPT. APPROVAL	DATE
MISC. APPROVAL	DATE
W.C. INS. NO. [signature]	DATE

APPROVALS	DATE	INSPECTORS SIGNATURE
FOUNDATION LOCATION FORMS - MATERIALS		
SLAB ☐ FLOOR JOISTS ☐		
INSULATION ☐ STEEL ☐		
SOUND ASSEM.		
FRAMING		
LATH OR GYPSUM INTERIOR		
LATH EXTERIOR		
STUCCO - SCRATCH		
STUCCO - BROWN		
PLASTER - BROWN		
FINAL APPROVAL		

Not used Later Permit Void

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY OF DOWNEY AND STATE OF CALIFORNIA LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA IN RELATING TO WORKMEN'S COMPENSATION INSURANCE.

☒

☐ I AM THE OWNER OF THE PROPERTY AND WILL PERSONALLY PERFORM THE ABOVE WORK.

☐ I AM THE OWNER OF THIS PROPERTY AND WILL CONTRACT TO HAVE ALL OF THE WORK PERFORMED BY LICENSED CONTRACTOR.

SIGNATURE OF PERMITTEE: John Dawn

PLAN CHECK VALIDATION CK. M.O. CASH

PERMIT VALIDATION CK. M.O. CASH

[signature] 47789

CITY OF DOWNEY

8425 E. SECOND ST. – TELEPHONE: TOPAZ 1-0361

APPLICATION FOR PLUMBING PERMIT

1

NO.	NUMBER OF FIXTURES OR ITEMS	NO.	
	WATER CLOSET		BATH TUB
	SHOWER		LAVATORY
	SINK		AUTOMATIC WASHER
	LAUNDRY TUB		DISHWASHER
	GARBAGE DISPOSAL		FLOOR SINK
	FLOOR DRAIN		WATER SOFTENER
	WALL FURNACE		URINAL
	WATER PIPING		BACKFLOW DEVICE
	DRINKING FOUNTAIN		INTERCEPTOR

TOTAL #	2.00 PER ITEM OR FIXTURE	FEE $		
	WATER HEATER	1.00		
	WATER HEATER VENT.	1.00		
	REPAIR OR ALTER DRAINAGE AND/OR VENT PIPING SERVING NOT MORE THAN 2 FIXTURES	1.00		
	EACH ADD. FIXTURE OVER 2 FIXTURES	1.00		
	GAS PRESSURE REGULATOR	1.50		
0	LAWN SPRINKLERS 1 TO 5 VALVES OR VACUUM BREAKERS	3.00		
#7	6 TO 12 CONTROL VALVES OR VACUUM BREAKERS	4.00	4	00
	OVER 12 CONTROL VALVES OR VACUUM BREAKERS	7.00		
	REPLACING WATER PIPING IN A BUILDING EACH FIXTURE 1-5	1.00		
	OVER 5 FIXTURES EACH	.40		
	EACH GAS PIPING SYSTEM 10 OR LESS OUTLETS ON ONE METER	3.00		
	OVER 10 OUTLETS ON ONE METER EACH OUTLET	.40		
	SWIMMING POOLS	17.00		
	STAND PIPES WET OR DRY EACH OUTLET	3.00		
	FIRE SPRINKLERS (SEE SCHEDULE)			
	PERMIT	$	10	00
	TOTAL FEE	$	14	00

BUILDING ADDRESS 7360 FOSTERBRIDGE ST. DOWNEY

NEAREST CROSS ST. SUVA St.

OWNER GRACE SHORCH

MAIL ADDRESS 7360 FOSTERBRIDGE DOWNEY

CITY DOWNEY TEL. NO.

CONTRACTOR SHIVATA LANDSCAPING

ADDRESS 12821 LAKEWOOD DR. DOWNEY

CITY Downey TEL. NO. 862-0485

STATE LICENSE 293 283 CITY BUS. LIC. NO.

GROUP	ZONE	WORKMANS COMP. ON FILE
B	R1-5000	file

APPROVALS

	DATE	Inspectors Signature
UNDER SLAB WORK		
WATER SYSTEM		
ROUGH PLUMBING		
GAS PIPING		
GAS VENT		
HOT WATER HEATER		
PLUMBING FIXTURES		
GAS TEST		
SHOWER PAN		
P-TRAP		
UTILITY CO. NOTIFIED		
FINAL	3-9-79	[signature]

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY OF DOWNEY AND STATE OF CALIFORNIA LAWS REGULATING PLUMBING.

- [x] I CERTIFY THAT I POSSESS A VALID CONTRACTORS LICENSE FOR THIS TYPE OF WORK AND WILL NOT EMPLOY ANY PERSON IN SUCH A MANNER AS TO BECOME SUBJECT TO THE WORKMANS COMPENSATION LAWS OF CALIFORNIA.
- [ ] I AM THE OWNER OF THE PROPERTY AND WILL PERSONALLY PERFORM THE ABOVE WORK.
- [ ] I AM THE OWNER OF THIS PROPERTY AND WILL CONTRACT TO HAVE ALL THE WORK PERFORMED BY LICENSED CONTRACTOR.

SIGNATURE OF PERMITTEE [signature]

29055 FEB 22 79 14.00

VALIDATION CH. M.O. CASH

[signature]

DEPARTMENT APPROVAL

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class_____ License No._____

Date_____ Contractor_____

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9 (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____, B. & P. C. for this reason:

Date 7-20-06 Owner_____

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:

☐ I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

☐ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier:_____ Policy Number:_____

(This section need not be completed if the permit is for one hundred dollars ($100) or less.)

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation Laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those Provisions.

Date 7-20-06 Signature_____

WARNING: Failure to secure workers' compensation coverage is unlawful, and shall subject an employer to criminal penalties and civil fines up to one hundred thousand dollars ($100,000), in addition to the cost of compensation, damages as provided for in Section 3706 of the Labor Code, interest and attorney's fees.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3907, Civ. C.).

Lender's Name_____

Lender's Address_____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY 7-20-06 Date

—IMPORTANT—

Application is hereby made to the Building Official for a permit subject to the conditions and restrictions set forth on the front and rear faces of this application.

1. Each person upon whose behalf this application is made and each person at whose request and for whose benefit work is performed under or pursuant to any permit issued as a result of this application agrees to, and shall, indemnify and hold harmless the City of Downey, its officers, agents and employees in accordance with the provisions of Section 8200 of the Downey Municipal Code.
2. Any permit issued as a result of this application becomes null and void if work is not commenced within ONE HUNDRED EIGHTY (180) DAYS from date of issuance of such permit.

MISCELLANEOUS APPLICATION

CITY OF DOWNEY • DIVISION OF BUILDING AND SAFETY

11111 BROOKSHIRE AVENUE • P.O. BOX 7016 • DOWNEY, CALIFORNIA 90241-7016

PHONE: (562) 904-7142 • INSPECTIONS (562) 904-7141

1

FOR APPLICANT TO FILL IN		
BUILDING ADDRESS	7360 Foster Bridge RD	
NEAREST CROSS ST.	Suva / Paramount	
LEGAL DESC.	LOT NO.	BLOCK
TRACT	NO OF BLDGS. NOW ON LOT	
SIZE OF LOT	USE OF EXISTING BLDG.	
OWNER	Pastor Jeff Kerkhoff	
MAIL ADDRESS	7360 Foster Bridge RD PO Box 865	
CITY	Downey	TEL. NO. (562) 927-9112
CONTRACTOR		
ADDRESS		
CITY		TEL. NO.
STATE LICENSE NO.		LIC. CLASS
DECRIPTION OF WORK	OUTDOOR CARNIVAL / CONCERT	
ON 7-22-06	From 5:00 PM	
UNTIL 9:00 PM		
OCCUPANCY INSPECTION ☐		TRAILER USE ☐
OTHER ☐		
PLAN CHECK FEE $	ISSUANCE FEE $ 30.00	
VALUATION $	PERMIT FEE $ 60.00	
	STATE QUAKE TAX $	
	MICROFILM FEE $	
	GENERAL PLAN REVISION FEE $	
PLAN CHECK NO.	PERMIT NO.	
—	1754-06	

BUILDING ADDRESS	7360 Foster Bridge Rd	
LOCALITY	Downey	
NEAREST CROSS ST.	Suva / Paramount	
MAP NO.	GROUP	TYPE CONST. / USE ZONE
	R2	Special Event
SPECIAL CONDITIONS:	Per Conditions of Approval	
	set forth in attached letter	
	Dated 7-20-06	
OCCUPANCY GROUP		
PLANNING APPROVAL		DATE 7-20-06
ENGINEERING APPROVAL		DATE
FIRE DEPT. APPROVAL		DATE 7/20/06
MISC. APPROVAL		DATE
NO. OF EXITS		
PARKING SPACES REQ'D.		PROVIDED
LIMITED TIME USE		
DATE FROM:	7-22-06	DATE TO: 7-22-06
FINAL APPROVAL		
PLAN CHECK REC'D BY:		PERMIT ISSUED BY:
		7/20/06

FAID!
07-20-2006/02:15 PM
USER:03 Total:$90.00
002-0017170

REV. 99

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code.

19

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B1 License No 285178

Date 2/25/91 Contractor G.D. Allen

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code. Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9 (Commencing with Sec 7000) of Div. 3 of the B & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00).)

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec 7044, B & P C., The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B & P. C. The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec _____. B & P.C. for this reason

Date _____ Owner _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab C.).

Policy No. _____ Company _____

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date _____ Applicant _____

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 2/25/91 Applicant G.D. Allen

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3907, Civ. C.)

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby, authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY G.D. Allen Date 2/25/91

— IMPORTANT —

Application is hereby made to the Building Official for a permit subject to the conditions and restrictions set forth on the front and rear faces of this application.

1. Each person upon whose behalf this application is made and each person at whose request and for whose benefit work is performed under or pursuant to any permit issued as a result of this application agrees to, and shall, indemnify and hold harmless the City of Downey, its officers, agents and employees in accordance with the provisions of Section 8200 of the Downey Municipal Code.
2. Any permit issued as a result of this application becomes null and void if work is not commenced within **ONE HUNDRED TWENTY (120) DAYS** from date of issuance of such permit.

DIVISION OF BUILDING AND SAFETY

11111 BROOKSHIRE AVE.
TELEPHONE: 869-7331

CITY OF DOWNEY

BUILDING PERMIT APPLICATION

1

EXISTING ADDRESS	7360 FOSTER BRIDGE RD
LOCALITY	DOWNEY
OWNER	THE LORD'S GRACE ASSEMBLY CORP.
MAIL ADDRESS	P.O. BOX 1303 Jeff Hemkoff
CITY	DOWNEY TEL NO 213-927-4112
CONTRACTOR	G.D. Allen.
ADDRESS	13131 NEWHAVEN DR
CITY	SANTA ANA. TEL NO 714 538 1665
STATE LIC NO	285178 DOWNEY BUS LICENSE NO 21636
ARCHITECT OR ENGINEER	Plan
ADDRESS	
CITY	TEL NO
STATE LIC NO	DOWNEY BUS LICENSE NO
LOT	M&B BLOCK — TRACT —
LOT SIZE	IRREG NO BLDGS NOW ON LOT (1) None
USE OF EXISTING BUILDINGS	Church
NEW	ADD ALTER X REPAIR DEMOLISH MOVE OCCUPANCY
LIMITED TIME USE	FROM TO CERT OF OCC NO
CASH DEPOSIT	DATE FILED RECD BY
CASH DEPOSIT RELEASED	
AREA SQ FT	NO OF STORIES ROOF COVERING
WALL COVERING	INT EXT
PROPOSED WORK	RESTRUCTURE ROOF and INTERIOR IMPROVEMENT - (Creates additional seating)
SIGNATURE OF APPLICANT	
ADDRESS	2001 N. Canon Ave W Dtag 91790

BUILDING ADDRESS	7360 Foster Bridge Rd.
NEAREST CROSS STREET	Suva
PARCEL NUMBER	
MAP NO	3A01
GROUP	A1 alt.
TYPE CONST.	
SEWER MAP NO	M-71
ZONE	R1 6000
SPECIAL CONDITIONS	RE 1247, 1351

SET BACK	YARD	STREET NAME	WIDTH
FRONT P.L.			
SIDE P.L.			

PLANNING APPROVAL	Carl Abbott	DATE 2-14-92
ENGINEERING APPROVAL		DATE
FIRE DEPT APPROVAL	[illegible]	DATE 2-14-92
MISC. APPROVAL		DATE

APPROVALS	DATE	INSPECTORS SIGNATURE
FOUNDATION LOCATION FORMS-MATERIALS		
SLAB ☐ FLOOR JOISTS ☐		
INSULATION ☐ STEEL ☐		
SOUND ASS'M		
FRAMING INT 3-31-92	3-12-92	
LATH OR GYPSUM INTERIOR	3-31-92	
LATH EXTERIOR		
STUCCO SCRATCH	RD 3-12-92	
STUCCO BROWN		
PLASTER BROWN		
FINAL APPROVAL	5/12/92	

PLAN CHECK FEE	$ 101.23
VALUATION	$ 8500.—
	Fee 2024

ISSUANCE FEE	$ 25.00
PERMIT FEE	$ 119.09
STATE QUAKE TAX	$ 1.79
RECORDS MGMT. FEE	$ 4.25
GENERAL PLAN REVISION FEE	17.00

PLAN CHECK RECD BY [illegible] 1-16-92

PERMIT ISSUED BY [illegible] 2-25-92

JAN 1992 PAID CITY OF DOWNEY

PLAN CHECK NO	PERMIT NO
002-92	338-92

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code.

APPLICATION FOR PERMIT
HEATING • VENTILATING • AIR CONDITIONING

1

DIVISION OF BUILDING AND SAFETY
11111 BROOKSHIRE AVENUE
TELEPHONE: 869-7331

CITY OF DOWNEY

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-20 License No. 503536

Date 3-16-92 Contractor DOWNEY HTG & AC

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9 (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____, B. & P. C. for this reason:

Date _____ Owner _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

WC1-161-034-346-011

Policy No. _____ Company LIBERTY MUTUAL

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 3-16-92 Applicant R.L. KOEHLER

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3907, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

R.L. Koehler 3-16-92
Signature of Owner or Contractor ONLY Date

— IMPORTANT —

Application is hereby made to the Building Official for a permit subject to the conditions and restrictions set forth on the front and rear faces of this application.

1. Each person upon whose behalf this application is made and each person at whose request and for whose benefit work is performed under or pursuant to any permit issued as a result of this application agrees to, and shall, indemnify and hold harmless the City of Downey, its officers, agents and employees in accordance with the provisions of Section 8200 of the Downey Municipal Code.
2. Any permit issued as a result of this application becomes null and void if work is not commenced within ONE HUNDRED TWENTY (120) DAYS from date of issuance of such permit.

FOR APPLICANT TO FILL IN
(PRINT OR TYPE ONLY)

NO.	TYPE OF APPLIANCE OR EQUIPMENT	FEE
	ABSORPTION UNIT, BTU _____	
	AIR HANDLING UNIT, CFM _____	
	BOILER, BTU _____	
2	COMPRESSOR, BTU 60,000	24 00
	VENTILATION SYSTEM	
	EVAPORATIVE COOLER	
	FURNACE: FAU _____ GRAVITY _____ FLOOR _____ BTU _____	
	HEATER: SUSPENDED _____ UNIT _____ WALL _____	
	REPLACEMENT ONLY	
	10 TON HEAT PUMP	
	PACKAGE UNIT - SAME BTU	
	PLAN CHECK FEE	
	PERMIT ISSUING FEE $	25 00
	TOTAL FEE	49 00

BUILDING ADDRESS 7360 FOSTER BRIDGE RD
LOCALITY
NEAREST CROSS ST. Suva

A-1 GROUP	TYPE CONST.	R-1 ZONE
A1+		6000

PROCESSED BY [illegible] DATE 5/16/92

APPROVALS	DATE	INSPECTOR'S SIGNATURE
ROUGH		
FINAL	5/12/92	JM

VALIDATION

PLAN CHECK APPLICANT
NAME R.L. KOEHLER
ADDRESS 11223 OLD RIVER SCHOOL RD
CITY DOWNEY TEL. NO. 927-6517
OWNER LORD'S GRACE CHURCH
MAIL ADDRESS 7360 FOSTER BRIDGE RD
CITY DOWNEY TEL. NO. 923-4112
CONTRACTOR DOWNEY HTG & AC
ADDRESS 11223 OLD RIVER SCHOOL RD
CITY DOWNEY TEL. NO. 927-6517
STATE LICENSE NO. 503536 LIC. CLASS C-20

M 92030 5/12/92 49.00 #00004

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code.

LICENSED CONTRACTOR S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B License No 285178

Date 3-27-92 Contractor G.D. Allen Electric

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9 (Commencing with Sec 7000) of Div 3 of the B & P C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec 7044, B & P.C. The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec 7044, B & P. C. The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec _____, B. & P. C. for this reason.

Date _____ Owner _____

WORKER S COMPENSATION DECLARATION

I here affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800 Lab C.).

Policy No _____ Company _____

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety

Date _____ Applicant _____

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 3-27-92 Applicant Greg Allen

NOTICE TO APPLICANT If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code. You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X Greg Allen 3-27-92

Signature of Owner or Contractor ONLY Date

— IMPORTANT —

Application is hereby made to the Building Official for a permit subject to the conditions and restrictions set forth on the front and rear faces of this application.

1. Each person upon whose behalf this application is made and each person at whose request and for whose benefit work is performed under or pursuant to any permit issued as a result of this application agrees to, and shall, indemnify and hold harmless the City of Downey, its officers, agents and employees in accordance with the provisions of Section 8200 of the Downey Municipal Code.
2. Any permit issued as a result of this application becomes null and void if work is not commenced within **ONE HUNDRED TWENTY (120) DAYS** from date of issuance of such permit.

BD-4

BP# 33892

1

DIVISION OF BUILDING AND SAFETY
11111 BROOKSHIRE AVENUE
TELEPHONE: 869-7331

CITY OF DOWNEY
ELECTRIC PERMIT APPLICATION

PERMIT FEES

ITEM		NO	EACH	FEES
LIGHTS/OUTLETS 15 SW. ___ RECEPT. ___	1 TO 20	15	$ .90	13 50
	OVER 20		.60	
LIGHT FIXTURES	1 TO 20		.90	
	OVER 20		.60	
ELECT RANGE, DISHWASHER, WATER HTR, EXHAUST FAN K, SPACE HTR, GEN/RATOR, TRANSF MR WELDER	CLO DRYER, GARB. DISP, STA. APPL, B OVEN, FURNACE		5.00	
SAME AS MOTORS 1-KVA = 1 HP				
H P 0—3	5 00	H P. 10—50	22 00	
3—10	9 00	50—100	38 00	
		OVER 100	65 00	
SERVICE-INCL (1) METER 600 VOLTS OR LESS NOT OVER 200 AMPS	OVER HEAD / UNDER GROUND		18 00	
201 TO 1000			35 00	
OVER 1000			75 00	
EA ADDITIONAL METER			6 00	
SUB PANELS—SEE SERVICE PANEL SCH				
TEMPORARY SERVICE POLE			20 00	
PRIVATE SWIMMING POOLS			37 00	
SPAS, ETC.			25 00	
MISC CONDUITS & CONDUCTORS			30 00	
ONE SIGN & ONE TRANSFORMER			18 00	
EACH ADD'L TRANS. OR BALLAST			6 00	
NEW DWELLING & DUPLEX .05 x	SQ FT			
(NOT CARPORTS & GARAGES)				
NEW APTS & CONDS .04 x	SQ. FT			
(NOT CARPORTS & GARAGES)				
PLAN CHECK FEE				
	PERMIT FEE			25 00
SIGNATURE OF PERMITTEE	SUPPLEMENTAL PERMIT		3 00	
	TOTAL FEE		$	38 50

BUILDING ADDRESS 7360 FOSTER BRIDGE RD
NEAREST CROSS ST Suva
OWNER THE LORD'S GRACE ASSEMBLY
MAIL ADDRESS P.O. Box 1303
CITY DOWNEY TEL NO 310 927-4167
ELECTRICIAN G.D. Allen Electric
ADDRESS 13131 Newhaven
CITY Santa Ana TEL NO (714) 538-1605
STATE LICENSE 285178 CITY BUS LICENSE 26361

GROUP A1 TYPE CONST. V ZONE R1 6000

INSPECTORS RECORD

APPROVALS	DATE	Inspector's Signature
CONDUIT		
WIRING		
FIXTURES		
UTILITY CO NOTIFIED POWER — LIGHT —		
FINAL	5/13/92	JM

PLAN CHECK REC'D BY

PERMIT ISSUED BY 3/27/92

DIVISION OF BUILDING AND SAFETY

8425 SECOND ST. 90241
TELEPHONE: 861-0361

BD-1

CITY OF DOWNEY

BUILDING PERMIT APPLICATION

1

EXISTING ADDRESS

LOCALITY — DATE REC'D 12-5-80 BY R.L.

OWNER Lords Grace Assembly

MAIL ADDRESS 7360 Foster Bridge Rd.

CITY Downey TEL NO 927-4112

CONTRACTOR OWNER

ADDRESS

CITY — TEL NO

STATE LIC NO — DOWNEY BUS LICENSE NO

ARCHITECT OR ENGINEER PLOT PLAN / Detail Section

ADDRESS

CITY — TEL NO

STATE LIC NO — DOWNEY BUS LICENSE NO

LOT M&B — BLOCK — TRACT —

LOT SIZE Irreg. — NO BLDGS NOW ON LOT 1

USE OF EXISTING BUILDINGS Church & Sunday School

NEW	ADD	ALTER	REPAIR	DEMOLISH	MOVE	OCCUPANCY
		X				

LIMITED TIME USE — FROM — TO — CERT. OF OCC NO

CASH DEPOSIT — DATE FILED — REC'D BY

CASH DEPOSIT RELEASED

AREA SQ. FT. None Added — NO OF STORIES — — ROOF COVERING —

WALL COVERING — INT — — EXT —

PROPOSED WORK ① CONSTRUCT CANOPIES OVER 7 doors (exterior) ② Construct Porch Roofs over the two main entrances (6'x12')

SIGNATURE OF APPLICANT

ADDRESS

LORD'S GRACE ASSEMBLY
9360 FOSTER BRIDGE RD.
DOWNEY, CALIF. 90240

PERMIT ISSUED BY

PLAN CHECK REC'D BY

BUILDING ADDRESS 7360 FOSTER BRIDGE AVE

NEAREST CROSS STREET GUATAMALA - SUVA

PARCEL NUMBER

MAP NO	GROUP	TYPE CONST	SEWER MAP NO
3401	A-3/Accy	II-1hr.	M-71

ZONE R-1 6000 — SPECIAL CONDITIONS Zec # 1249, Zec # 1351

SET BACK	YARD	HWY	STREET NAME	WIDTH
FRONT P.L.			Foster Bridge	40'
SIDE P.L.			Suva	60'

PLANNING APPROVAL — DATE 12-5-80

ENGINEERING APPROVAL — DATE

FIRE DEPT APPROVAL — DATE

R&SC APPROVAL — DATE

APPROVALS	DATE	INSPECTORS SIGNATURE
FOUNDATION LOCATION FORMS MATERIALS		
SLAB ☐ FLOOR JOISTS ☐		
INSULATION ☐ STEEL ☐		
SOUND ASSEM.		
FRAMING	12-23-80	
LATH OR GYPSUM INTERIOR		
LATH EXTERIOR		
STUCCO SCRATCH		
STUCCO BROWN		
PLASTER BROWN		
FINAL APPROVAL	2-25-81	

PLAN CHECK FEE 11.25

VALUATION $ 1000

ISSUANCE FEE	$	10.00
PERMIT FEE	$	15.00
STATE QUAKE TAX	$	.50
MICRO FILM FEE	$	

PLAN CHECK NO. —

PERMIT NO. 613-80

BD-3

CITY OF DOWNEY — BUILDING

8425 E. SECOND ST. — TELEPHONE: TOPAZ 1-0361

DIVISION OF BUILDING AND SAFETY PERMIT - APPLICATION

1

EXISTING ADDRESS	7360 Foster Bridge Ave.
LOCALITY	DATE REC'D 8-25-83 BP
OWNER	Lord Grace Assembly
MAIL ADDRESS	Same
CITY	Downey TEL. NO.
CONTRACTOR	Space Age Living Inc
ADDRESS	4548 Gundry Ave
CITY	Long Beach TEL. NO. 631-3012
STATE LIC. NO.	238031 DOWNEY BUS. LICENSE NO.
ARCHITECT OR ENGINEER	N/A
ADDRESS	
CITY	TEL. NO.
STATE LIC. NO.	DOWNEY BUS. LICENSE NO.
LOT	Mt. B BLOCK TRACT —
LOT SIZE	IRREG. NO. BLDGS. NOW ON LOT 1
USE OF EXISTING BUILDINGS	Church & Sunday School

METES AND BOUNDS ATT	YES	NO
CASH DEPOSIT ASSIGNMENT	DATE FILED	REC'D BY
CASH DEPOSIT	DATE FILED	REC'D BY
CASH DEPOSIT RELEASED		
PARCEL NUMBER		

NEW	ADD	ALTER	REPAIR	DE-MOLISH	MOVE	OCCUPANCY
X						

LIMITED TIME USE	FROM	TO	CERT. OF OCC. NO.
AREA SQ. FT. —	NO. STORIES —	ROOF COVERING —	
WALL COVERING	INT. —	EXT. —	

PROPOSED WORK

INST 27 Baptistry & shower.

SIGNATURE OF APPLICANT

ADDRESS 4548 Gundry Ave

BUILDING ADDRESS	7360 FOSTER BRIDGE
NEAREST CROSS STREET	GUATAMALA

MAP NO.	GROUP	TYPE CONST.	SEWER MAP NO.
3401	A-3	V	M-71

ZONE	R1-6000
SPECIAL CONDITIONS	
FIRE ZONE	

SET BACK	YARD	HWY.	STREET NAME	WIDTH
FRONT P.L.			Foster Bridge	40'
SIDE P.L.				60'

PLANNING DEPT. APPROVAL	DATE
PUBLIC WORKS DEPT. APPROVAL	DATE
FIRE DEPT. APPROVAL	DATE
MISC. APPROVAL	DATE
W.C. INS. NO.	DATE

APPROVALS	DATE	INSPECTORS SIGNATURE
FOUNDATION LOCATION FORMS - MATERIALS		
SLAB FLOOR JOISTS ☑	9-12-83	
INSULATION ☐ STEEL ☐		
SOUND ASSEM.		
FRAMING	9-12-83	
LATH OR GYPSUM INTERIOR		
LATH EXTERIOR		
STUCCO - SCRATCH		
STUCCO - BROWN		
PLASTER - BROWN		
FINAL APPROVAL	10-11-83	

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY OF DOWNEY AND STATE OF CALIFORNIA LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA IN RELATING TO WORKMEN'S COMPENSATION INSURANCE.

☐ I AM THE OWNER OF THE PROPERTY AND WILL PERSONALLY PERFORM THE ABOVE WORK.

☐ I AM THE OWNER OF THIS PROPERTY AND WILL CONTRACT TO HAVE ALL OF THE WORK PERFORMED BY LICENSED CONTRACTOR.

SIGNATURE OF PERMITTEE

VALUATION		
$ 8600	PLAN CHECK FEE	$ 10.00
	PERMIT FEE	$ 67.00
	STATE QUAKE TAX	$ .50

PLAN CHECK VALIDATION CK. M.O. CASH

PERMIT VALIDATION CK. M.O. CASH

1801-83

CITY OF DOWNEY

76A667
DBS-17 10-59

APPLICATION FOR PLUMBING PERMIT

1

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 7360 FOSTER BRIDGE
LOCALITY DOWNEY
NEAREST CROSS ST.

DISTRICT NO.	GROUP	ZONE	READY FOR INSPECTION
403	B-3	RA 6000	

INDUSTRIAL WASTE APPROVAL

FOR APPLICANT TO FILL IN

OWNER DOWNEY CHAPEL
MAIL ADDRESS
CITY TEL. NO.
PLUMBER BREDEHOFT PLBG CO INC
ADDRESS 7957 E. IMPERIAL HWY
CITY DOWNEY TEL. NO. TO-18204
LICENSE NO. 163792 C-36

NUMBER	TYPE OF FIXTURE OR ITEM		FEE	
2	WATER CLOSET (TOILET)	@ $1.00	$2	—
	BATH TUB	@ $1.00		
	SHOWER	@ $1.00		
2	LAVATORY (WASH BASIN)	@ $1.00	2	—
1	KITCHEN SINK	@ $1.00	1	—
	DISHWASHER	@ $1.00		
	LAUNDRY TUB OR TRAY	@ $1.00		
	CLOTHES WASHER	@ $1.00		
1	WATER HEATER	@ $1.00	1	—
1	GAS SYSTEM	@ $1.00	1	—
1	DRINK FOUNTAIN		1	—
1	URINAL		1	—
	PERMIT	$	1	00
	TOTAL FEE		10	00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING PLUMBING.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE Jack E Bredehoft

INSPECTION RECORD

5247 ok to cover in
class room w/
No sink, urinal, fountain or
water heater installed. 2-8-61
Erickson

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
UNDER SLAB WORK	3-15-61	[illegible]
ROUGH PLUMBING		
GAS PIPING		
GAS VENT		
HOT WATER HEATER	—	—
PLUMBING FIXTURES		
GAS TEST	1-27-59	Erickson
UTILITY CO. NOTIFIED		
FINAL	2-8-61	Erickson

JOHN A. LAMBIE, COUNTY ENGINEER

VALIDATION
CK. M. O. CASH

ROBERT A. WOOD, CHIEF PLBG. INSPECTOR

LAC 95776 MAR 14 [redacted]

Industrial Indemnity

Pol.# CB 778 4114

Expires: 4-1-78

* O.K as per planning Fran Carter and Engin Phil Adshsit.

NOTE: PARKING SPACES TO BE RESTRIPED AS PER Z.E.C. # 1249

BD-4

CITY OF DOWNEY

8425 E. SECOND ST. — TELEPHONE: TOPAZ 1-0361

APPLICATION FOR ELECTRIC PERMIT

10-7-58 1

FOR APPLICANT TO FILL IN
PERMIT FEES

ITEM	NUMBER	EACH	FEE	
OUTLETS LIGHTS 9 RECEPT. 4 SW. 6	19	$ .10	$ 1	90
LIGHTING FIXTURES 9		.10		90
ELEC. RANGES CLO. DRYERS WATER HEATERS		.50		
ELEC. SPACE HTRS. DISHWASHERS GARBAGE DISPOSERS AUTO.. WASHERS STA. COOKING UNITS		.25		
MOTORS: OVER INC. H.P.				
0 — ½		.25		
½ — 2		.50		
2 — 5		1.00		
5 — 15		1.50		
15 — 50		2.50		
50 — 200		3.00		
SIGNS: NO. TRANS. / NO. LAMPS				
SERVICE 0-600V EXISTING		1.00		
SERVICE OVER 600V		5.00		
TEMP. POWER POLE		1.00		
MISC.				
SEE BP# 7941				
DATED: JAN 8-57				
WIRING PERMIT		1.00	1	00
FIXTURE PERMIT		1.00	1	00
SUPPLEMENTARY PERMIT		.50		
TOTAL FEE			$4	80

I ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY AND STATE LAWS REGULATING ELECTRICAL WIRING.

I CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY CITY OF DOWNEY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE Ben J. Hughes

BUILDING ADDRESS 7360 E Foster Bridge Rd

NEAREST CROSS ST.

OWNER Christian Church

MAIL ADDRESS 7660 E Foster Bridge

CITY DOWNEY TEL. NO.

ELECTRICIAN

ADDRESS 7420 Cloverlawn

CITY Hollydale TEL. NO. ME 30242

STATE LICENSE NO. 62348 CITY BUS. LIC. NO. 1599

GROUP	ZONE	READY FOR INSPECTION
B-3	RA 6000	10-7-58

INSPECTION RECORD

10-7-58 Panel rm. locked W.E. wiring dif. from plans W.E.

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
CONDUIT		
WIRING	10-7-58	Erickson
FIXTURES		
POWER		
UTILITY CO. NOTIFIED		
FINAL	3-31-59	Erickson

10262 OCT 7 58 4801-

VALIDATION (CK) MO CASH

THRICHS
SIGNATURE

CITY OF DOWNEY

76A693-C6806 - 7-56

APPLICATION FOR ELECTRIC PERMIT

Foster Bridge Blvd 1

BUILDING AND SAFETY DIVISION
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 7360 ~~[illegible]~~
LOCALITY Downey
NEAREST CROSS ST. Foster Bridge
OWNER Downey Chappel
MAIL ADDRESS
CITY TEL. NO.
ELECTRICIAN BEN J HUGHES
ADDRESS 9508 LEX GAL Rd
CITY DOWNEY TEL. NO. 7025347
STATE LICENSE NO. 62348

DISTRICT NO.	GROUP	ZONE	READY FOR INSPECTION
4.03	I	R-A.	9-16-57

FOR APPLICANT TO FILL IN PERMIT FEES

NUMBER			FEE
14	LIGHT OUTLETS		
10	RECEPTACLES		
10	WALL SWITCHES		
34	TOTAL OUTLETS @	5¢	$ 1 70
	ELEC. RANGES	25	
	ELEC. HEATERS	25	
	KW EA		
14.	FIXTURES	5	70

MOTORS

NUMBER NEW	MVD	HP	HORSEPOWER OVER	INC.	FEE EACH
				½ & LESS	$ .25
			½	2	.50
			2	5	1.00
			5	15	1.50
			15	50	2.50
			50	200	5.00

MISC.

NO. SIGNS NO. TRANS.
NO. SIGNS NO. LAMPS

FOR EACH PERMIT:

WIRING PERMIT	$1.00	1 00
FIXTURE PERMIT	$1.00	1 00
SUPPLEMENTARY	.50	
TOTAL FEE		$ 4 40

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING ELECTRICAL WIRING.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE Ben J Hughes

INSPECTION RECORD

2177 ok in classroom
Walls only Wunds

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
CONDUIT		
WIRING		
FIXTURES		
POWER		
UTILITY CO. NOTIFIED		
FINAL	3-31-59	[illegible]

JOHN A. LAMBIE, COUNTY ENGINEER

VALIDATION
CK MO CASH

ARTHUR C. VEIT, SUPERVISING ELECTRICAL ENGINEER

LAU 39025 SEP 16 2 4.40 $

[illegible]

76A663
DBS-5A 11-55

APPLICATION FOR ELECTRIC PERMIT

1

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS 7360 FOSTER BRIDGE BLVD.
LOCALITY DOWNEY CALIF.
NEAREST CROSS ST FOSTER BRIDGE BLVD & SUM
OWNER DOWNEY CHAPEL
MAIL ADDRESS 9846 LONGWORTH
CITY WHITTER. TEL. NO.
ELECTRICIAN Max G. Hines
ADDRESS BEARSTATE ELECT. CORP.
CITY 5004 N. WALNUT GROVE AVE SAN. GABRIEL TEL. NO. CU 36477
STATE LICENSE NO. 106065

DISTRICT NO.	GROUP	ZONE	READY FOR INSPECTION
1	B.		

FOR APPLICANT TO FILL IN PERMIT FEES

NUMBER			FEE
	LIGHT OUTLETS		
3	RECEPTACLES TEMP		
	WALL SWITCHES		
3	TOTAL OUTLETS @	5¢	$ 15
	ELEC. RANGES	25	
	ELEC. HEATERS	25	
	KW EA		
	FIXTURES	5	

MOTORS

NUMBER NEW	NUMBER MVD.	HP	HORSEPOWER OVER	HORSEPOWER INC.	FEE EACH
				½ & LESS	$ .25
			½	2	.50
			2	5	1.00
			5	15	1.50
			15	50	2.50
			50	200	5.00

MISC. TEMP POWER POLE

NO. SIGNS NO. TRANS.
NO. SIGNS NO. LAMPS

FOR EACH PERMIT:

WIRING	$1.00	1 —
FIXTURES	$1.00	
SUPPLEMENTARY	.50	
TOTAL FEE		$ 1 15

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING ELECTRICAL WIRING.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE X Max G. Hines

INSPECTION RECORD

Zone exc # 25 ft

APPROVALS

	DATE	INSPECTOR'S SIGNATURE
CONDUIT		
WIRING		
FIXTURES		
POWER		
UTILITY CO. NOTIFIED		
FINAL	11/15/56	Bowells

JOHN A. LAMBIE, COUNTY ENGINEER

VALIDATION CK MO CASH

ARTHUR C. VEIT, CHIEF ELECT. INSPECTOR

LAC 01 4 0 13 NOV 14 2 1.15 -

CITY OF DOWNEY — BUILDING

8425 E. SECOND ST. — TELEPHONE: TOPAZ 1-0361

DIVISION OF BUILDING AND SAFETY PERMIT - APPLICATION

1

EXISTING ADDRESS: 7360 Foster Bridge	BUILDING ADDRESS: 7360 Foster Bridge Rd
LOCALITY	DATE REC'D 3-[illegible]-78 R.L.
NEAREST CROSS STREET: Suva	
OWNER: Lord's Grace Assembly	
MAIL ADDRESS: 7360 Foster Bridge Rd.	
CITY: Downey TEL. NO.	
CONTRACTOR: Black Paving Co.	
ADDRESS: [illegible] 2311 N. Lee	
CITY: El Monte TEL. NO: 686-2440	
STATE LIC. NO. 273928 DOWNEY BUS. LICENSE NO.	
ARCHITECT OR ENGINEER	
ADDRESS: See P.C. # 52511	
CITY TEL. NO.	
STATE LIC. NO. DOWNEY BUS. LICENSE NO.	
LOT: M & B BLOCK TRACT: —	
LOT SIZE: IRREG. NO. BLDGS. NOW ON LOT: 1	
USE OF EXISTING BUILDINGS: Church & Sunday School	
METES AND BOUNDS ATT: (YES) NO	

CASH DEPOSIT ASSIGNMENT	DATE FILED	REC'D BY
CASH DEPOSIT	DATE FILED	REC'D BY
CASH DEPOSIT RELEASED		

PARCEL NUMBER: 6358 | 15 | 31

NEW	ADD	ALTER	REPAIR	DE-MOLISH	MOVE	OCCUPANCY
X						

LIMITED TIME USE	FROM	TO	CERT. OF OCC. NO. 104
AREA SQ. FT. 38 000	NO. STORIES —	ROOF COVERING —	
WALL COVERING	INT. —	EXT. —	

PROPOSED WORK: Pave parking lot.
2" A.C. over 5" A.G. base.
No Import or Export of Dirt

SIGNATURE OF APPLICANT: [illegible] For Black Paving
ADDRESS: 2311 N. Lee El Monte

MAP NO. 3401	GROUP J-Pave	TYPE CONST. III	SEWER MAP NO. M-71
ZONE R-1 6000	SPECIAL CONDITIONS: EEC # 1249		
FIRE ZONE 3	Sect. 8100		

SET BACK	YARD	HWY.	STREET NAME	WIDTH
FRONT P.L.			Foster Bridge	Varies
SIDE P.L.				

PLANNING DEPT. APPROVAL: [illegible]	DATE 5-16-78
PUBLIC WORKS DEPT. APPROVAL	DATE
FIRE DEPT. APPROVAL	DATE
MISC. APPROVAL	DATE
W.C. INS. NO. (See back)	DATE

APPROVALS	DATE	INSPECTORS SIGNATURE
FOUNDATION LOCATION FORMS - MATERIALS		
SLAB ☐ FLOOR JOISTS ☐		
INSULATION ☐ STEEL ☐		
SOUND ASSEM.		
FRAMING		
LATH OR GYPSUM INTERIOR		
LATH EXTERIOR		
STUCCO - SCRATCH		
STUCCO - BROWN		
PLASTER - BROWN		
FINAL APPROVAL	4-18-79	[illegible]

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY OF DOWNEY AND STATE OF CALIFORNIA LAWS REGULATING BUILDING CONSTRUCTION. I CERTIFY THAT IN DOING THE WORK AUTHORIZED HEREBY I WILL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO WORKMEN'S COMPENSATION INSURANCE.

☐ I AM THE OWNER OF THE PROPERTY AND WILL PERSONALLY PERFORM THE ABOVE WORK.

☐ I AM THE OWNER OF THIS PROPERTY AND WILL CONTRACT TO HAVE ALL OF THE WORK PERFORMED BY LICENSED CONTRACTOR.

SIGNATURE OF PERMITTEE: [illegible]

VALUATION	PLAN CHECK FEE $	PERMIT FEE $	STATE QUAKE TAX $
$ 6000		35.00	.50

PLAN CHECK VALIDATION CK. M.O. CASH

PERMIT VALIDATION CK. M.O. CASH [illegible] 47278

4-26-1965

Being as no work was started this permit is Voided. W.P. Litsche

BD-3

CITY OF DOWNEY

8425 E. SECOND ST. — TELEPHONE: TOPAZ 1-0361

BUILDING 1

3-7-63

DEPARTMENT OF BUILDING AND SAFETY PERMIT - APPLICATION 74

EXISTING ADDRESS	7360 E. FOSTER BR.
LOCALITY	DOWNEY
OWNER	DOWNEY BAPTIST CHAPEL
MAIL ADDRESS	7360 E. FOSTER BR.
CITY	DOWNEY TEL. NO. —
CONTRACTOR	CHURCH (CONTACT TRAILER)
ADDRESS	9112 STOAKES
CITY	DOWNEY BUS. SP 33090 TEL. NO. TU-95738
STATE LIC. NO.	DOWNEY BUS. LICENSE NO.
~~ARCHITECT OR~~ ENGINEER	JAMES FOX
ADDRESS	8060 TELEGRAPH
CITY	DOWNEY TEL. NO. TO 18238
STATE LIC. NO.	SC 516 DOWNEY BUS. LICENSE NO. ~~TO 18238~~
LOT	M & B BLOCK TRACT
LOT SIZE	267 x 280' NO. BLDGS. NOW ON LOT 1
USE OF EXISTING BUILDINGS	CHURCH
METES AND BOUNDS ATT.	YES NO

OWNER

DESCRIPTION OF WORK

NEW	ADD	ALTER	REPAIR	DEMOLISH	MOVE	OCCUPANCY
	X					

TRAILER	SAFETY	INSPECTION FOR OCCUPANCY AS

LIMITED TIME USE	FROM	TO	CERT. OF OCC. NO.

AREA - SQ. FT.	NO. STORIES	ROOF COVERING
1680	1	COMPO.

WALL COVERING	INT.	EXT.
	PLASTER	STUCCO

PROPOSED USE OF STRUCTURE: SUNDAY SCHOOL

SIGNATURE OF APPLICANT: Clyde W. Miller

ADDRESS:

BUILDING ADDRESS	7360 Foster Bridge
NEAREST CROSS STREET	Suva

MAP NO.	GROUP	TYPE CONST.	SEWER MAP NO.
3401	B-3	V	M-71

ZONE	SPECIAL CONDITIONS
R-1/6000	Z.G.C. # 2571

SETBACK	YARD	HWY.	STREET NAME	WIDTH
FRONT P. L.		30' ℄	Suva	60
SIDE P. L.		20' ℄	Foster Bridge	40

PLANNING DIV. APPROVAL	[signature]	DATE	4-25-63
ENGINEERING DIV. APPROVAL	[signature] Corrections	DATE	4-24-63
STREET DIV. APPROVAL		DATE	
POLICE DEPT. APPROVAL		DATE	
FIRE DEPT. APPROVAL	[signature]	DATE	4-25-63
W.C. INS.	W.C. 74	DATE	

SURETY BOND	DATE FILED	REC'D. BY
CASH DEPOSIT	DATE FILED	REC'D. BY
SURETY BOND RELEASED	DATE	

APPROVALS	DATE	INSPECTORS SIGNATURE
FOUNDATION LOCATION FORMS - MATERIALS		
FURNACE - LOCATION GAS VENT - DUCTS		
FRAMING		
LATH OR GYPSUM INTERIOR		
LATH EXTERIOR		
HOUSE NUMBER CORRECT AND POSTED		
RELOCATION WORK COMPLETED		
TEMPORARY STRUCTURE APPROVED		
TEMPORARY STRUCTURE REMOVED		
BUSINESS LICENSE LIST RETURNED		
FINAL APPROVAL		

over

I ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE: Clyde W. Miller

ADDRESS: 9112 STOAKES AVE DOWNEY

VALUATION	PLAN CHECK FEE $	PERMIT FEE $
$ 16,800 00	32 00	64.00

88272 MAR 7 63 32.00 - 90676 APR 29 63 64.00 -

PLAN CHECK VALIDATION: CK. M.O. CASH [signature] SIGNATURE

PERMIT VALIDATION: CK. M.O. CASH W. Fritsche SIGNATURE 11/60

1-12-59 Interior of heater room OK to plaster
Erickson

BO-3

CITY OF DOWNEY

8425 E. SECOND ST. — TELEPHONE: TOPAZ 1-0361

BUILDING 1

DEPARTMENT OF BUILDING AND SAFETY PERMIT - APPLICATION

EXISTING ADDRESS: 7360 FOSTER Bridge

LOCALITY:

OWNER: Downey CHAPEL

MAIL ADDRESS: 9846 LONGWORTH

CITY: WHITTIER TEL. NO. OX 97111

CONTRACTOR: OWNER

ADDRESS:

CITY: TEL. NO.

STATE LIC. NO.: DOWNEY BUS. LICENSE NO.:

ARCHITECT OR ENGINEER: C. MILLER

ADDRESS: 9112 STONNES

CITY: Downey TEL. NO. TO 95735

STATE LIC. NO.: DOWNEY BUS. LICENSE NO.:

LOT: BLOCK: TRACT:

LOT SIZE: 280X267 NO. BLDGS. NEW ON LOT:

USE OF EXISTING BUILDINGS:

METES AND BOUNDS ATT. (YES) NO

DESCRIPTION OF WORK

NEW	ADD	ALTER	REPAIR	DEMOLISH	MOVE	OCCUPANCY

TRAILER | SAFETY | INSPECTION FOR OCCUPANCY BY: E.A. FURNIS

LIMITED TIME USE | FROM | TO

AREA - SQ. FT. | NO. STORIES | ROOF COVERING

WALL COVERING | INT. | EXT.

PROPOSED USE OF STRUCTURE: HEATING CHAPEL

SIGNATURE OF APPLICANT:

ADDRESS:

BUILDING ADDRESS: 7360 FOSTER BRIDGE BL

NEAREST CROSS STREET: SUVA

MAP NO.	GROUP	TYPE CONST.	SEWER MAP NO.
403	B-3	V	N-79

ZONE: RA 6000 SPECIAL CONDITIONS:

SETBACK	YARD	HWY.	STREET NAME	WIDTH
FRONT P. L.				
SIDE P. L.				

	DATE
PLANNING DIV. APPROVAL	
ENGINEERING DIV. APPROVAL	
STREET DIV. APPROVAL	
WATER DIV. APPROVAL	
FIRE DEPT. APPROVAL	
POLICE DEPT. APPROVAL	

	DATE FILED	REC'D. BY
SURETY BOND		
CASH DEPOSIT		

SURETY BOND RELEASED: DATE

APPROVALS	DATE	INSPECTORS SIGNATURE
FOUNDATION LOCATION FORMS - MATERIALS		
FURNACE - LOCATION GAS VENT - DUCTS	1-27-59	Fouchon
FRAMING Metal Bldg		Fouchon
LATH OR GYPSUM INTERIOR		
LATH EXTERIOR		
HOUSE NUMBER CORRECT AND POSTED		
RELOCATION WORK COMPLETED		
TEMPORARY STRUCTURE APPROVED		
TEMPORARY STRUCTURE REMOVED		
BUSINESS LICENSE LIST RETURNED		
FINAL APPROVAL	2-8-61	Fouchon

I ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE: Clyde W Miller

ADDRESS:

VALUATION: $ 900.00

PLAN CHECK FEE $

PERMIT FEE $ 6.00

1240 1 [illegible] 6.00

PLAN CHECK VALIDATION CK. M.O. CASH SIGNATURE

PERMIT VALIDATION CK. M.O. CASH #649 SIGNATURE

2-8-57

Talked to owners Rep. on job— Approved caissons to be dug & poured over week end with Reg. insp. on job per instructions received from J. Exton. — Winkler —

5-8-7 Class Room found. ok to pour — Winkler

7-24-7 Framing progressing slowly. Winkler

7-25-7 Activity stopped - no further work done since 7-2 Winkler

7-26-7 Needs Elec. permit

9-4-7 Class room framing ok to cover Winkler

① This job long overdue for progress inspection
② Project appears to be abandoned.
③ Client came in to satisfy Bldg. Dept.
1-4-60 Erickson

78A636A DOS-1
11-58

APPLICATION FOR BUILDING PERMIT

HNM 3401

1

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

BUILDING ADDRESS: 7360 Foster Bridge
LOCALITY: Downey
NEAREST CROSS ST.: Suva

DISTRICT NO.: 4.07 | GROUP: B-3 | TYPE CONST.: V | SEWER MAP BK: M PG: 41

MAP NUMBER: 3400 & 3446 | STATE HWY: YES

USE ZONE: RA 6000 | SPECIAL CONDITIONS: Zone Exception 2571 3401

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 7360 FOSTER BRIDGE BLVD.
LOT NO.: 5 Attached | BLOCK:
TRACT:
SIZE OF LOT: 280 X 267 | NO. OF BLDGS. NOW ON LOT: 0
USE OF EXISTING BLDG.:

OWNER: DOWNEY CHAPEL
MAIL ADDRESS: 9846 LONGWORTH
CITY: WHITTIER CALIF. TEL. NO.: OX 97111
ARCHITECT OR ENGINEER: C. MILLER TEL. NO.: TO 95738
ADDRESS: 9112 STOAKES DOWNEY, CALIF
CONTRACTOR: DOWNEY CHAPEL TEL. NO.: OX-97111
ADDRESS: 9846 LONGWORTH WHITTIER

BUILDING SETBACK	YARD	HWY	STREET NAME	EXIST WIDTH
FRONT P. L.	20'		SUVA	40'
SIDE P. L.	20'		Foster Bridge	40'

0	TRACT DWELL.	1 UNIT	5	INDUSTRIAL	
1	DWELL.	1 UNIT	6	PUBLIC BLDG.	
2	DUPLEX	12 2 UNITS	7	ADDN., ALT., ETC.	
3	APT.	____ UNITS	8	MISCEL.	
4	COMMERCIAL				

DESCRIPTION OF WORK

(NEW) ADD ALTER RE-AIR DEMOLISH

SQ. FT. SIZE: 1632 | NO. OF STORIES: 1 | NO. OF FAMILIES:

USE OF STRUCTURE: FOR CHURCH & SUNDAY SCHOOL BLDG.

SIGNATURE OF APPLICANT: C. W. Miller
ADDRESS: 9502 Buckeye Ave. Downey, Calif

$ VALUATION: 10000 00

P. C. $ FEE: 12 00

$ FEE: 24 00

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE: Clyde W. Miller
ADDRESS:

INSPECTION RECORD

See ZEC # 2571

2-17-59 See Report in file re Caissons Minter

3-28-59 Set prepassing Slowly work

4-10-59 No further work

10-12-59 Roof Sheathing Up Open Sides

APPROVALS	DATE	INSPECTOR'S SIGNATURE
FOUNDATION: LOCATION FORMS, MATERIALS	3-12-59	[illegible]
FRAME: FIRE STOPS, BRACING, BOLTS		
FURNACE: LOCATION, GAS VENT, DUCTS		
LATH, INT	12-17-59	Erickson
LATH, EXT.	10/29/59	W. Fritsche
HOUSE NUMBER CORRECT AND POSTED		
FINAL	2-8-61	Erickson

JOHN A. LAMBIE, COUNTY ENGINEER

VALIDATION
CK MO CASH

CLYDE N. IRLAM, CHIEF BLDG. INSPECTOR

C00943 NO1316 12.00

Hoff

O'Brien

76A642D
8 9 E-663 11-58

CITY OF DOWNEY

APPLICATION FOR PERMIT

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

SEWER—SEWAGE DISPOSAL

1

BUILDING ADDRESS: 7360-Foster Bridge Rd
LOCALITY: Downey.
NEAREST CROSS ST.: Iowa
OWNER: Downey Chapel
MAIL ADDRESS:
CITY: TEL. NO.:

FOR APPLICANT TO FILL IN

LEGAL DESCRIPTION — LOT NO.: ON FILE
BLOCK: TRACT:
SIZE OF LOT: NO. OF BLDGS. NOW ON LOT:
USE OF BUILDINGS: Church
CONTRACTOR: Geo Van Diest & Son
ADDRESS: 14745-Betty Jean ave
CITY: Bellf. TEL. NO.:
REGISTRATION NO.: 115987-C-42 ☑ STATE ☐ COUNTY

NO.	DESCRIPTION OF WORK	FEE		
	HOUSE SEWER CONNECTING TO PUBLIC SEWER	@ $ 3.50		
	SEPTIC TANK, SEEPAGE PIT OR PITS AND/OR DRAINFIELD	@ $ 3.00		
	OVERFLOW SEEPAGE PIT, DRAINFIELD EXTN., CESSPOOL, DRYWELL, MANHOLE	@ $ 2.00		
	HOUSE SEWER CONNECTING TO PRIVATE DISPOSAL SYSTEM	@ $ 1.00		
	CONNECT ADDITIONAL BLDG. OR WORK TO HOUSE SEWER	@ $ 1.00		
	ALTER, REPAIR OR ABANDON HOUSE SEWER OR DISPOSAL SYSTEM	@ $ 1.00		
1	TAP & SADDLE		25	00

OWNER'S AUTHORIZATION

PERMIT $ ~~1.00~~
TOTAL FEE 25.00

I HAVE AT THIS DATE A CONTRACT WITH THE HEREIN NAMED CONTRACTOR TO CONNECT THE ABOVE DESCRIBED EXISTING DWELLING TO THE PUBLIC SEWER.

SIGNED THIS _____ DAY OF _____ 19__
OWNER OR OWNERS AGENT _____
ADDRESS _____

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING PLUMBING AND SEWERS.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE: Geo Van Diest

DISTRICT NO.	GROUP	MAP BK PG
4,03	B-3	M-71

CONNECTION DATA

STATION (APPROX) 6+35.36 DEPTH 11'
MANHOLE REFERENCE ~~95 W.~~ ~~UPPER~~ LOWER
91.5 West of UPPER MH.
TYPE OF CONNECTION Y. CURB P.L. LENGTH FROM M.L. TO P.L. 30'
SADDLE 4" JN F-360
CO. IMP. NO. P. C. NO. JOB NO. 2487
TRUNK PERMIT NO. ROAD PERMIT NO. 90419
STATE ENCROACHMENT PERMIT NO.
INDUSTRIAL WASTE APPROVAL

CHARGES
CONNECTION CHARGE FEE
REIMBURSEMENT FEE

APPROVALS	DATE	INSPECTOR'S SIGNATURE
NEW HOUSE SEWER	9/13/17	[signature]
CONNECT ADDITIONAL BUILDING OR WORK		
SEPTIC TANK, SEEP. PIT(S) AND/OR DRAINFIELD		
CESSPOOL ☐ DRYWELL ☐		
ALTER, REPAIR, SEWER OR SEWAGE DISPOSAL SYSTEM		
DISCONNECT PLUG AND ABANDON HOUSE SEWER		
BACKFILL SEPTIC TANKS ☐ SEEP. PIT(S) ☐ CESSPOOLS ☐		

JOHN A. LAMBIE, COUNTY ENGINEER — VALIDATION — ROBERT A. WOOD, CHIEF PLBG. INSPECTOR

CR. M. O. CASH
LAC 037965 SEP 11 5 25.00

[signature]

76A642D
S & E-663 11-59

CITY OF DOWNEY

APPLICATION FOR PERMIT

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

SEWER—SEWAGE DISPOSAL 1

BUILDING ADDRESS	9360 Foster Bridge Blvd
LOCALITY	Downey, Calif.
NEAREST CROSS ST.	Suva
OWNER	Downey Chapel
MAIL ADDRESS	9360 Foster Bridge Blvd.
CITY	Downey TEL. NO. OX 97111

DISTRICT NO.	GROUP	MAP BK	MAP PG
4-08	B-3	M	71

FOR APPLICANT TO FILL IN

LEGAL DESCRIPTION LOT NO. M&B ATTACHED
BLOCK TRACT
SIZE OF LOT NO. OF BLDGS. NOW ON LOT 1
USE OF BUILDINGS CHURCH
CONTRACTOR
ADDRESS
CITY TEL. NO.
REGISTRATION NO. ☐ STATE ☐ COUNTY

NO.	DESCRIPTION OF WORK	FEE		
	HOUSE SEWER CONNECTING TO PUBLIC SEWER	@ $ 3.50		
	SEPTIC TANK, SEEPAGE PIT OR PITS AND/OR DRAINFIELD	@ $ 3.00		
	OVERFLOW SEEPAGE PIT, DRAINFIELD EXTN., CESSPOOL, DRYWELL, MANHOLE	@ $ 2.00		
	HOUSE SEWER CONNECTING TO PRIVATE DISPOSAL SYSTEM	@ $ 1.00		
	CONNECT ADDITIONAL BLDG. OR WORK TO HOUSE SEWER	@ $ 1.00		
	ALTER, REPAIR OR ABANDON HOUSE SEWER OR DISPOSAL SYSTEM	@ $ 1.00		

OWNER'S AUTHORIZATION

PERMIT	$	1	00
TOTAL FEE			

I HAVE AT THIS DATE A CONTRACT WITH THE HEREIN NAMED CONTRACTOR TO CONNECT THE ABOVE DESCRIBED EXISTING DWELLING TO THE PUBLIC SEWER.

SIGNED THIS _____ DAY OF _____ 19____
OWNER OR OWNERS AGENT _____
ADDRESS _____

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING PLUMBING AND SEWERS.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE Downey Chapel R.D.A. Miller

CONNECTION DATA

STATION DEPTH
MANHOLE REFERENCE UPPER / LOWER
TYPE OF CONNECTION Y. CURB P.L. LENGTH FROM M.L. TO P.L.
CO. IMP. NO. P. C. NO. JOB NO.
TRUNK PERMIT NO. ROAD PERMIT NO.
STATE ENCROACHMENT PERMIT NO.
INDUSTRIAL WASTE APPROVAL

CHARGES
CONNECTION CHARGE FEE
REIMBURSEMENT FEE

APPROVALS	DATE	INSPECTOR'S SIGNATURE
NEW HOUSE SEWER		
CONNECT ADDITIONAL BUILDING OR WORK		
SEPTIC TANK, SEEP. PIT(S) AND/OR DRAINFIELD		
CESSPOOL ☐ DRYWELL ☐		
ALTER, REPAIR, SEWER OR SEWAGE DISPOSAL SYSTEM		
DISCONNECT PLUG AND ABANDON HOUSE SEWER		
BACKFILL SEPTIC TANKS ☐ SEEP. PIT(S) ☐ CESSPOOLS ☐		

JOHN A. LAMBIE, COUNTY ENGINEER **VALIDATION** ROBERT A. WOOD, CHIEF PLBG. INSPECTOR

CE. M. O. CASH

LAC 3600 AUG 3038 200 25 [illegible]

[illegible]

CITY OF DOWNEY

76A642D
B & E-862-11-58

APPLICATION FOR PERMIT

DIVISION OF BUILDING AND SAFETY
Department of County Engineer
County of Los Angeles
JOHN A. LAMBIE, COUNTY ENGINEER
CASSATT D. GRIFFIN, SUP'T OF BUILDING

SEWER—SEWAGE DISPOSAL 1

BUILDING ADDRESS: 7360 - Foster Bridge Rd
LOCALITY: Downey
NEAREST CROSS ST.: Suva
OWNER: Downey Chapel
MAIL ADDRESS:
CITY: TEL. NO.:

FOR APPLICANT TO FILL IN

LEGAL DESCRIPTION — LOT NO.: ON FILE
BLOCK: TRACT:
SIZE OF LOT: NO. OF BLDGS. NOW ON LOT:
USE OF BUILDINGS: Church.
CONTRACTOR: Geo. Van Diest & Son
ADDRESS: 14745 - Betty Jean Ave
CITY: Bell. TEL. NO.:
REGISTRATION NO.: 115987-C-42 ☑ STATE ☐ COUNTY

NO.	DESCRIPTION OF WORK	FEE		
1	HOUSE SEWER CONNECTING TO PUBLIC SEWER	@ $ 3.50	3	50
	SEPTIC TANK, SEEPAGE PIT OR PITS AND/OR DRAINFIELD	@ $ 3.00		
	OVERFLOW SEEPAGE PIT, DRAINFIELD EXTN., CESSPOOL, DRYWELL, MANHOLE	@ $ 2.00		
	HOUSE SEWER CONNECTING TO PRIVATE DISPOSAL SYSTEM	@ $ 1.00		
	CONNECT ADDITIONAL BLDG. OR WORK TO HOUSE SEWER	@ $ 1.00		
	ALTER, REPAIR OR ABANDON HOUSE SEWER OR DISPOSAL SYSTEM	@ $ 1.00		

OWNER'S AUTHORIZATION

PERMIT $ 1 00
TOTAL FEE 4 50

I HAVE AT THIS DATE A CONTRACT WITH THE HEREIN NAMED CONTRACTOR TO CONNECT THE ABOVE DESCRIBED EXISTING DWELLING TO THE PUBLIC SEWER.

SIGNED THIS _____ DAY OF _____ 19__
OWNER OR OWNERS AGENT _____
ADDRESS _____

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING PLUMBING AND SEWERS.

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND/OR LICENSED AS REQUIRED BY LOS ANGELES COUNTY AND STATE OF CALIFORNIA OR THAT I AM THE LEGAL OWNER OF THE ABOVE DESCRIBED RESIDENTIAL PROPERTY.

SIGNATURE OF PERMITTEE: Geo Van Diest

DISTRICT NO.	GROUP	MAP DK PG
403	B-3	M-71

CONNECTION DATA

STATION: Approx 6+35.36 DEPTH: 11'
MANHOLE REFERENCE: 95 W of (UPPER) LOWER
91.5 W of UPPER M.H.
TYPE OF CONNECTION: Y. CURB P.L. — LENGTH FROM M.L. TO P.L.: J.N.F-360
CO. IMP. NO.: P. C. NO. JOB NO.: 2487
TRUNK PERMIT NO.: ROAD PERMIT NO.: 90419
STATE ENCROACHMENT PERMIT NO.:
INDUSTRIAL WASTE APPROVAL: SADDLE #3794 CHARGES
CONNECTION CHARGE FEE:
REIMBURSEMENT FEE:

APPROVALS	DATE	INSPECTOR'S SIGNATURE
NEW HOUSE SEWER	9/13/57	[signature]
CONNECT ADDITIONAL BUILDING OR WORK		
SEPTIC TANK, SEEP. PIT(S) AND/OR DRAINFIELD		
CESSPOOL ☐ DRYWELL ☐		
ALTER, REPAIR, SEWER OR SEWAGE DISPOSAL SYSTEM		
DISCONNECT PLUG AND ABANDON HOUSE SEWER		
BACKFILL SEPTIC TANKS ☐ SEEP. PIT(S) ☐ CESSPOOLS ☐		

JOHN A. LAMBIE, COUNTY ENGINEER — VALIDATION — ROBERT A. WOOD, CHIEF PLBG. INSPECTOR

CK. M. O. CASH
LAC 37975 SEP 11 4 4.50 ±

[signature]

DIVISION OF BUILDING AND SAFETY
11111 BROOKSHIRE AVE.
TELEPHONE: 869-7331

CITY OF DOWNEY
BUILDING PERMIT APPLICATION

EXISTING ADDRESS: 7360 Foster Bridge Rd.
LOCALITY: DATE REC'D: 7-19-85
OWNER: Lords Grace Assembly
MAIL ADDRESS: 7360 Foster Bridge Rd.
CITY: Downey Ca. TEL NO: 927-4112
CONTRACTOR: Owner
ADDRESS:
CITY: TEL NO:
STATE LIC NO: DOWNEY BUS LICENSE NO:
ARCHITECT OR ENGINEER:
ADDRESS:
CITY: TEL NO:
STATE LIC NO: DOWNEY BUS LICENSE NO:
LOT: M&B BLOCK: — TRACT: —
LOT SIZE: Irreg. NO BLDGS NOW ON LOT: 1
USE OF EXISTING BUILDINGS: Church

NEW	ADD	ALTER	REPAIR	DEMOLISH	MOVE	OCCUPANCY
						SALE

LIMITED TIME USE: FROM: TO: CERT. OF OCC. NO:
CASH DEPOSIT: DATE FILED: REC'D BY:
CASH DEPOSIT RELEASED:
AREA SQ. FT.: — NO OF STORIES: — ROOF COVERING: —
WALL COVERING: INT: — EXT: —
PROPOSED WORK: Rummage Sale 7-20-85
SIGNATURE OF APPLICANT: Gary Lopkowsky
ADDRESS: 6715 Foster Bridge Fwy

PLAN CHECK REC'D BY: PERMIT ISSUED BY:

BUILDING ADDRESS: 7360 Foster Bridge
NEAREST CROSS STREET: Guatamala
PARCEL NUMBER:

MAP NO	GROUP	TYPE CONST	SEWER MAP NO
3401	A-3	SALE	M-71

ZONE: R-1-6000 SPECIAL CONDITIONS:

SET BACK	YARD	HWY	STREET NAME	WIDTH
FRONT P.L.			Foster Bridge	40'
SIDE P.L.				

PLANNING APPROVAL: MR Woerner for FDG DATE: 7/19/85
ENGINEERING APPROVAL: DATE:
FIRE DEPT APPROVAL: DATE:
MISC APPROVAL: DATE:

APPROVALS	DATE	INSPECTORS SIGNATURE
FOUNDATION LOCATION FORMS MATERIALS		
SLAB ☐ FLOOR JOISTS ☐		
INSULATION ☐ STEEL ☐		
SOUND ASSEM		
FRAMING		
LATH OR GYPSUM INTERIOR		
LATH EXTERIOR		
STUCCO SCRATCH		
STUCCO BROWN		
PLASTER BROWN		
FINAL APPROVAL	7-22-85	[illegible]

PLAN CHECK FEE:
VALUATION: $ —
ISSUANCE FEE: $ —
PERMIT FEE: $ 25.00
STATE QUAKE TAX: $ —
MICRO FILM FEE: $ —

PLAN CHECK NO.: —
PERMIT NO.: 1221-85

BD-3

CITY OF DOWNEY

5425 E. SECOND ST. — TELEPHONE: TOPAZ 1-0361

BUILDING 3

DEPARTMENT OF BUILDING AND SAFETY PERMIT - APPLICATION

EXISTING ADDRESS: 7360 - E. Foster Bridge Blvd.

LOCALITY:

OWNER: Downey Baptist Chapel

MAIL ADDRESS: 7360 - E. Foster Bridge Blvd.

CITY: Downey TEL. NO.:

CONTRACTOR: Downey Baptist Chapel

ADDRESS: 7360 - E. Foster Bridge Blvd.

CITY: Downey TEL. NO.:

STATE LIC. NO.: DOWNEY BUS. LICENSE NO.:

ARCHITECT OR ENGINEER: James Fox

ADDRESS: 8060 Telegraph

CITY: Downey TEL. NO.: To 18238

STATE LIC. NO.: DOWNEY BUS. LICENSE NO.:

LOT: M & B BLOCK: TRACT:

LOT SIZE: 267' x 280' NO. BLDGS. NOW ON LOT: 1

USE OF EXISTING BUILDINGS: Church

METES AND BOUNDS ATT. YES NO

DESCRIPTION OF WORK

NEW	ADD	ALTER	REPAIR	DEMOLISH	MOVE	OCCUPANCY
	✓					

TRAILER: SAFETY: INSPECTION FOR OCCUPANCY AS:

LIMITED TIME USE: FROM: TO: CERT. OF OCC. NO.:

AREA - SQ. FT.: 7680 NO. STORIES: 1 ROOF COVERING: Hot Mop

WALL COVERING: INT. Plaster EXT. Stucco

PROPOSED USE OF STRUCTURE: Sunday School

SIGNATURE OF APPLICANT: [signature]

ADDRESS: 8061 Dacosta St. Downey

VALUATION: $ 16,800.00

PLAN CHECK FEE $ 32.00

PERMIT FEE $ 64.00

BUILDING ADDRESS: 7360 Foster Bridge

NEAREST CROSS STREET: Suva

MAP NO.	GROUP	TYPE CONST.	SEWER MAP NO.
3401	B-3	V-1HR	M-71

ZONE: R1/6000 SPECIAL CONDITIONS: ZEC 2571

FIRE ZONE #2

SETBACK	YARD	HWY.	STREET NAME	WIDTH
FRONT P.L.	20		Foster	40
SIDE P.L.	30		Suva	60

PLANNING DIV. APPROVAL: [signature] DATE: 2-29-66

ENGINEERING DIV. APPROVAL: [signature] DATE: 2-16-66

STREET DIV. APPROVAL: DATE:

POLICE DEPT. APPROVAL: DATE:

FIRE DEPT. APPROVAL: Fire Correction DATE:

W.C. INS.: [signature] DATE: 2-28-66

SURETY BOND: DATE FILED: REC'D. BY:

CASH DEPOSIT: DATE FILED: REC'D. BY:

SURETY BOND RELEASED: DATE:

APPROVALS	DATE	INSPECTORS SIGNATURE
FOUNDATION LOCATION FORMS - MATERIALS		
SLAB FLOOR JOISTS		
FRAMING		
LATH OR GYPSUM INTERIOR		
LATH EXTERIOR		
STUCCO-BEDDED		
STUCCO-GROUND		
PLASTER-GROUND		
RELOCATION WORK COMPLETED		
HOUSE NUMBER CORRECT AND POSTED		
FINAL APPROVAL		

I ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF PERMITTEE: [signature]

ADDRESS: 8061 Dacosta St. Downey

43734 FEB 24 66 32.00

44673 FEB 28 66 64.00

PLAN CHECK VALIDATION: CK M.O. CASH SIGNATURE: [signature]

PERMIT VALIDATION: CK M.O. CASH SIGNATURE: [signature]

21082

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safe Code.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class_____ License No._____

Date_____ Contractor_____

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9 (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec._____B. & P. C. for this reason:

_____

Date 7-19-85 Owner Jay Fortenberry

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No._____Company_____

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building Safety.

Date_____Applicant_____

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 7-19-85 Applicant Jay Fortenberry

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3907, Civ. C.).

Lender's Name_____

Lender's Address_____

_____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Jay Fortenberry 7-19-85

Signature of Owner or Contractor ONLY Date

FAX Fortenberry (Member)

— IMPORTANT —

Application is hereby made to the Building Official for a permit subject to the conditions and restrictions set forth on the front and reverse faces of this application.

1. Each person upon whose behalf this application is made and each person at whose request and for whose benefit work is performed under or pursuant to any permit issued as a result of this application agrees to, and shall, indemnify and hold harmless the City of Downey, its officers, agents and employees in accordance with the provisions of Section 8200 of the Downey Municipal Code.
2. Any permit issued as a result of this application becomes null and void if work is not commenced within **ONE HUNDRED TWENTY (120) DAYS** from date of issuance of such permit.

CITY OF DOWNEY

8425 E. SECOND ST. – TELEPHONE: TOPAZ 1-0361

APPLICATION FOR ELECTRIC PERMIT

8-13-68

PERMIT FEES

ITEM		NUMBER	EACH	FEES
LIGHTS 14 SW. 8 RECEPT.	1 TO 20	20	$ 20	4 00
	OVER 20	10	10	1 00
LIGHTING FIXTURES	1 TO 20	8	20	1 60
	OVER 20		10	
ELECT. RANGE, CLO. DRYERS, DISHWASHER, GARB. DISP., WATER HTR., STA. APPL., KITCHEN FAN, FURNACE, SPACE HTR. OVER 18 K.W., OVEN			1.00	
SPACE HTR. TO 18 K.W.	AUTO. WASH.		.50	
TIME CLOCK – MEAT CASE, DEEP FREEZE – SHOW CASE, BEVERAGE – ICE CREAM CABINET, DRINKING FOUNTAIN			1.00	
WELDER-COMMERCIAL OVEN TO 18 KW			1.50	
COMMERCIAL RANGE			2.00	
MISC. X F.A.U.				

MOTORS

H.P.	NO.	EACH	H.P.	NO.	EACH		
0-1 X	1	1.00	8-15		2.50	1	00
1-3		1.50	15-50		3.00		
3-8		2.00	50-100		5.00		

SIGNS

ONE SIGN AND TRANSFORMER		2.00	
EACH SIGN MOVED TO NEW LOCATION		2.00	
EACH EXTRA TRANSFORMER, FLASHER OR TIME CLOCK		1.00	
ALTER EXISTING SIGN		1.00	
EACH LAMP 1-20		.05	
NEXT 100, EACH		.03	
MISC.			
SERVICE 0-600V TO 200A EX		1.00	
SERVICE OVER 200A		2.00	
SERVICE OVER 600V		5.00	
TEMPORARY POWER POLE		2.00	
MISC.			
PERMIT FEE		2.00	2 00
FIXTURE PERMIT		1.00	1 00
SUPPLEMENTARY PERMIT		1.00	
TOTAL FEE			$ 10 00

BUILDING ADDRESS: 7360 E Foster Bridge Dr

NEAREST CROSS ST.:

OWNER: Downey Baptist Chapel

MAIL ADDRESS: 7360 E Foster Bridge Dr

CITY: TEL. NO.:

ELECTRICIAN: BEN J. HUGHES INC.

ADDRESS: 7618 RAMISH

CITY: BELL GARDENS NO. 927 1379

STATE LICENSE: 189584 CITY BUS. LIC. NO.:

GROUP: E-3 | ZONE: R1/Comm | WORKMENS COMP ON FILE: CS 600045

INSPECTORS RECORD

APPROVALS

	DATE	INSPECTORS SIGNATURE
CONDUIT		
WIRING		
FIXTURES		
UTILITY CO. NOTIFIED POWER ☐ LIGHT ☐		
FINAL		

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY OF DOWNEY AND STATE OF CALIFORNIA LAWS REGULATING ELECTRICAL WIRING.

☐ I CERTIFY THAT I POSSESS A VALID CONTRACTORS LICENSE FOR THIS TYPE OF WORK AND WILL NOT EMPLOY ANY PERSON IN SUCH A MANNER AS TO BECOME SUBJECT TO THE WORKMANS COMPENSATION LAWS OF CALIFORNIA.

☐ I AM THE OWNER OF THE PROPERTY AND WILL PERSONALLY PERFORM THE ABOVE WORK.

☐ I AM THE OWNER OF THIS PROPERTY AND WILL CONTRACT TO HAVE ALL THE WORK PERFORMED BY LICENSED CONTRACTORS.

SIGNATURE OF PERMITTEE: Ben J Hughes

911804 1378 1225

VALIDATION CK MO CASH

Ben J Hughes

DEPARTMENT APPROVAL

CITY OF DOWNEY

8425 E. SECOND ST. – TELEPHONE: TOPAZ 1-0361

APPLICATION FOR ELECTRIC PERMIT

1

PERMIT FEES

ITEM		NO.	EACH	FEES
LIGHTS 2 3 SW RECEPT. 2 1	1 TO 20	7	$ .55	3 55
	OVER 20		.30	
LIGHT FIXTURES 3	1 TO 20	3	.55	1 65
	OVER 20		.30	
ELECT. RANGE CLO. DRYER DISHWASHER GARB. DISP. WATER HTR. STA. APPL. KITCHEN FAN OVEN SPACE HTR. FURNACE GEN'RATOR, TRANSF'MR WELDER			2.50	

SAME AS MOTORS 1-KVA = 1 HP

H.P.			H.P.			
0–1		3.00	50–100		25.00	
1–5		5.00	OVER 100		30.00	
5–20		7.00				
20–50		10.00				

SERVICE–INCL. (1) METER 600 VOLTS OR LESS NOT OVER 200 AMPS.		12.50		
201 TO 400		15.00		
401 TO 1200		25.00		
OVER 1200		40.00		
EA. ADDITIONAL METER		2.00		
SERVICE OVER 600 VOLTS		50.00		
TEMPORARY SERVICE POLE		11.00		
PANEL (SUB)	1	5.00	5	00
PERMIT FEE		6.00	6	00
SUPPLEMENTAL PERMIT		3.00		
TOTAL FEE		$	16	20

BUILDING ADDRESS: 7360 FOSTER BRIDGE RD

NEAREST CROSS ST.: SUVA.

OWNER: ASSY. GOD. CHURCH.

MAIL ADDRESS: SAME.

CITY: DOWNEY. TEL. NO.

ELECTRICIAN: J. P. LAGANA & CO.

ADDRESS: 9704 WASHBURN.

CITY: DOWNEY. TEL. NO. 8629007

STATE LICENSE: 284813-C-10 CITY BUS. LICENSE

GROUP	ZONE	WORKMANS COMP.
D	R1-5000	

INSPECTORS RECORD

APPROVALS

	DATE	Inspectors Signature
CONDUIT		
WIRING		
CEILING HEAT		
FIXTURES		
UTILITY CO. NOTIFIED POWER ☐ LIGHT ☐		
FINAL	3-5-79	

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY OF DOWNEY AND STATE OF CALIFORNIA LAWS REGULATING ELECTRICAL WIRING.

☒ I CERTIFY THAT I POSSESS A VALID CONTRACTORS LICENSE FOR THIS TYPE OF WORK AND WILL NOT EMPLOY ANY PERSON IN SUCH A MANNER AS TO BECOME SUBJECT TO THE WORKMANS COMPENSATION LAWS OF CALIFORNIA.

☐ I AM THE OWNER OF THE PROPERTY AND WILL PERSONALLY PERFORM THE ABOVE WORK

☐ I AM THE OWNER OF THIS PROPERTY AND WILL CONTRACT TO HAVE ALL THE WORK PERFORMED BY LICENSED CONTRACTORS.

SIGNATURE OF PERMITTEE

VALIDATION CK. MO. CASH

DEPARTMENTAL APPROVAL

CITY OF DOWNEY

8425 E. SECOND ST. - TELEPHONE: TOPAZ 1-0361

APPLICATION FOR PLUMBING PERMIT

9-25-08

TOTAL NUMBER FIXTURES OR ITEMS

NUMBER		NO.	
	WATER CLOSET		BATH TUB
	SHOWER		LAVATORY
	SINK		AUTOMATIC WASHER
	LAUNDRY TUB		DISHWASHER
	GARBAGE DISPOSAL		FLOOR SINK
	FLOOR DRAIN		WATER SOFTENER
	WALL FURNACE		URINAL
	WATER HEATER		POOL DRAIN & P. TRAP
	MISC.		

TOTAL NO. | NO. | 1.50 PER ITEM OR FIXTURE | FEE $

1	EACH GAS SYSTEM TO 5 OUTLETS @ 1.50	1	50
	GAS OUTLETS OVER 5 @ .30		
	WATER SYSTEM (APT. BLDG. HOTEL) 5.00		
	WATER SYSTEM (NEW, ALTER, REPAIR) 1.50		
	INDUSTRIAL WASTE INTERCEPTOR @ 1.00		
	EACH VAC. BREAKER/BACK FLOW PREVENTOR 2.00		
	EACH SUMP PUMP 2.00		
	EACH GAS PRESSURE REGULATOR @ .30		
	REPAIR OR ALTER DRAINAGE AND/OR VENT PIPING @ 1.50		
	EACH LAWN SPRINKLER SYSTEM 2.00		
	MISC.		
	PERMIT $	2	00
	TOTAL FEE $	3	50

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY OF DOWNEY AND STATE OF CALIFORNIA LAWS REGULATING PLUMBING.

☐ I CERTIFY THAT I POSSESS A VALID CONTRACTORS LICENSE FOR THIS TYPE OF WORK AND WILL NOT EMPLOY ANY PERSON IN SUCH A MANNER AS TO BECOME SUBJECT TO THE WORKMANS COMPENSATION LAWS OF CALIFORNIA.

☐ I AM THE OWNER OF THE PROPERTY AND WILL PERSONALLY PERFORM THE ABOVE WORK.

☐ I AM THE OWNER OF THIS PROPERTY AND WILL CONTRACT TO HAVE ALL OF THE WORK PERFORMED BY LICENSED CONTRACTOR.

SIGNATURE OF PERMITTEE Don Brandel

BUILDING ADDRESS 7360 Foster Bridge Rd

NEAREST CROSS ST. Suva

OWNER Downey Baptist Chapel

MAIL ADDRESS

CITY TEL. NO.

CONTRACTOR Don Brandel Plbg

ADDRESS 8612 E Gardendale

CITY Downey TEL. NO. T029589

STATE LICENSE CITY BUS. LIC. NO.

GROUP	ZONE	WORKMANS COMP ON FILE
B-3	R-1/6000	OK

INDUSTRIAL WASTE APPROVAL

INSPECTION RECORD

APPROVALS

	DATE	INSPECTORS SIGNATURE
UNDER SLAB WORK		
WATER SYSTEM		
ROUGH PLUMBING		
GAS PIPING		
GAS VENT		
HOT WATER HEATER		
PLUMBING FIXTURES		
GAS TEST		
UTILITY CO. NOTIFIED		
FINAL		

92773 SEP 25 08 3.50 A-

VALIDATION CH. M.O. CASH

L. Carr
DEPARTMENT APPROVAL

CITY OF DOWNEY

8425 E. SECOND ST. – TELEPHONE: TOPAZ 1-0361

APPLICATION FOR PLUMBING PERMIT

10-4-65 OK 3

TOTAL NUMBER FIXTURES OR ITEMS

NUMBER		NO.	
	WATER CLOSET		BATH TUB
	SHOWER		LAVATORY
	SINK		AUTOMATIC WASHER
	LAUNDRY TUB		DISHWASHER
	GARBAGE DISPOSAL		FLOOR SINK
	FLOOR DRAIN		WATER SOFTENER
	WALL FURNACE		URINAL
1	WATER HEATER Gas 40 gal.		POOL DRAIN & P. TRAP
	MISC.		

TOTAL NO.	NO.	1.50 PER ITEM OR FIXTURE	FEE $	1	50
	1				

	EACH GAS SYSTEM TO 5 OUTLETS @ 1.50		
	GAS OUTLETS OVER 5 @ .30		
	WATER SYSTEM (APT. BLDG., HOTEL) 5.00		
	WATER SYSTEM (NEW, ALTER, REPAIR) 1.50		
	INDUSTRIAL WASTE INTERCEPTOR @ 1.00		
	EACH VAC. BREAKER/BACK FLOW PREVENTOR 2.00		
	EACH SUMP PUMP 2.00		
	EACH GAS PRESSURE REGULATOR @ .30		
	REPAIR OR ALTER DRAINAGE AND/OR VENT PIPING @ 1.50		
	EACH LAWN SPRINKLER SYSTEM 2.00		
	MISC.		

	PERMIT $	2	00
	TOTAL FEE $	3	50

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY OF DOWNEY AND STATE OF CALIFORNIA LAWS REGULATING PLUMBING

☑ I CERTIFY THAT I POSSESS A VALID CONTRACTORS LICENSE FOR THIS TYPE OF WORK AND WILL NOT EMPLOY ANY PERSON IN SUCH A MANNER AS TO BECOME SUBJECT TO THE WORKMANS COMPENSATION LAWS OF CALIFORNIA.

☐ I AM THE OWNER OF THE PROPERTY AND WILL PERSONALLY PERFORM THE ABOVE WORK.

☐ I AM THE OWNER OF THIS PROPERTY AND WILL CONTRACT TO HAVE ALL OF THE WORK PERFORMED BY LICENSED CONTRACTOR.

SIGNATURE OF PERMITTEE Don Brandel

BUILDING ADDRESS	7360 Foster Bridge
NEAREST CROSS ST.	Suva
OWNER	Downey Baptist Chapel
MAIL ADDRESS	7360 Foster Bridge
CITY	Downey TEL. NO.
CONTRACTOR	Don Brandel Plbg
ADDRESS	8612 Gardendale
CITY	Downey TEL. NO. TO 25889
STATE LICENSE	176775 CITY BUS. LIC. NO.

GROUP	ZONE	WORKMANS COMP ON FILE
B-3	R1 16000	0172

INDUSTRIAL WASTE APPROVAL

INSPECTION RECORD

APPROVALS

	DATE	INSPECTORS SIGNATURE
UNDER SLAB WORK		
WATER SYSTEM		
ROUGH PLUMBING		
GAS PIPING		
GAS VENT		
HOT WATER HEATER		
PLUMBING FIXTURES		
GAS TEST		
UTILITY CO. NOTIFIED		
FINAL		

93269 AP 3501-

VALIDATION (CH) M.O. CASH

DEPARTMENT APPROVAL

BD - 5

1

DIVISION OF BUILDING AND SAFETY

8425 SECOND ST. 90241
TELEPHONE: 861-0361

CITY OF DOWNEY
PLUMBING PERMIT APPLICATION

NO.	NUMBER OF FIXTURES OR ITEMS	NO.	
	WATER CLOSET		BATH TUB
1	SHOWER		LAVATORY
	SINK		AUTOMATIC WASHER
	LAUNDRY TUB		DISHWASHER
	GARBAGE DISPOSAL		FLOOR SINK
	FLOOR DRAIN		WATER SOFTENER
	WALL FURNACE		URINAL
	WATER PIPING	1	BACKFLOW DEVICE
	DRINKING FOUNTAIN		INTERCEPTOR
1	Baptistry		

BUILDING ADDRESS: 7360 Foster Bridge Rd
NEAREST CROSS ST.: Guatemala
OWNER: Lord Chase Assembly
MAIL ADDRESS: Same
CITY: Downey TEL. NO.
CONTRACTOR: Dominguez Plumbing
ADDRESS: 2817 E 220TH Place
CITY: Long Beach TEL. NO. 530-0013
STATE LICENSE: 197166 CITY BUS. LIC. NO.

GROUP: A-3 | TYPE CONST.: V | ZONE: R-1 Comm

TOTAL		FEE $		
2	2.00 PER ITEM OR FIXTURE		6	00
	WATER HEATER/VENT (EACH)	1.00		
	REPAIR OR ALTER DRAINAGE AND/OR VENT PIPING SERVING NOT MORE THAN 2 FIXTURES	1.00		
	EACH ADD. FIXTURE OVER 2 FIXTURES	1.00		
	LAWN SPRINKLERS 1 TO 5 VALVES OR VACUUM BREAKERS	3.00		
	6 TO 12 CONTROL VALVES OR VACUUM BREAKERS	4.00		
	REPLACING WATER SERVICE PIPE	5.00		
	REPLACING WATER PIPING IN A BUILDING EACH FIXTURE 1-5	1.00		
	OVER 5 FIXTURES EACH	.40		
	EACH GAS PIPING SYSTEM 10 OR LESS OUTLETS ON ONE METER	3.00		
	SWIMMING POOLS (PRIVATE)	17.00		
	SPA	17.00		
	RAIN WATER-PER DRAIN INSIDE BLDG.	5.00		

APPROVALS	DATE	Inspector's Signature
UNDER SLAB WORK	9-12-63	
WATER SYSTEM		
ROUGH PLUMBING	9/25/63	
GAS PIPING		
GAS VENT		
HOT WATER HEATER		
PLUMBING FIXTURES	10-11-63	
GAS TEST		
SHOWER PAN		
P-TRAP	10-11-63	
UTILITY CO. NOTIFIED		
FINAL	10-11-63	

PLAN CHECK FEE $
PERMIT FEE $ 10 00
TOTAL FEE $ 16 00

SIGNATURE OF PERMITTEE

PLAN CHECK REC'D BY

PERMIT ISSUED BY K Stuart

PAID 10-11-63 RECEIPT #

1600

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-36 License No. 197166 ✓

Date 8-25-88 Contractor Dominguez Plumb.

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9 (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C. : The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____, B. & P. C. for this reason:

_____

Date _____ Owner _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. _____ Company _____

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date _____ Applicant _____

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 8-25-88 Applicant J.A. Lagana

NOTICE TO APPLICANT: If after making this Certificate of Exemption, you should become subject to the Worker's Comp. provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3907, Civ. C.).

Lender's Name _____

Lender's Address _____

_____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

J.A. Lagana ✓

Signature of Owner or Contractor ONLY Date

— IMPORTANT —

Application is hereby made to the Building Official for a permit subject to the conditions and restrictions set forth on the front and rear faces of this application.

1. Each person upon whose behalf this application is made and each person at whose request and for whose benefit work is performed under or pursuant to any permit issued as a result of this application agrees to, and shall, indemnify and hold harmless the City of Downey, its officers, agents and employees in accordance with the provisions of Section 8200 of the Downey Municipal Code.
2. Any permit issued as a result of this application becomes null and void if work is not commenced within ONE HUNDRED EIGHTY (180) DAYS from date of issuance of such permit.

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B License No. 289423

Date 3/30/63 Contractor ARTISTIC Const. Co.

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9 (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C. : The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec._____, B. & P. C. for this reason:

_____.

Date_____ Owner_____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No._____ Company_____

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date_____ Applicant_____

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 3/30/63 Applicant [signature]

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3907, Civ. C.).

Lender's Name_____

Lender's Address_____

_____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

[signature] 3/30/63

Signature of Owner or Contractor ONLY Date

— IMPORTANT —

Application is hereby made to the Building Official for a permit subject to the conditions and restrictions set forth on the front and rear faces of this application.

1. Each person upon whose behalf this application is made and each person at whose request and for whose benefit work is performed under or pursuant to any permit issued as a result of this application agrees to, and shall, indemnify and hold harmless the City of Downey, its officers, agents and employees in accordance with the provisions of Section 8200 of the Downey Municipal Code.
2. Any permit issued as a result of this application becomes null and void if work is not commenced within **ONE HUNDRED EIGHTY (180) DAYS** from date of issuance of such permit.

7360 Foster Bridge Blvd
7360 Foster Bridge Blvd
Downey, CA 90240

Inquiry Number: 7155128.5
October 25, 2022

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

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

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

Disclaimer - Copyright and Trademark Notice

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

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

Data by infoUSA®

Copyright©2008
All Rights Reserved

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2014	☑	☑	EDR Digital Archive
2010	☑	☑	EDR Digital Archive
2005	☑	☑	EDR Digital Archive
2000	☑	☑	EDR Digital Archive
1995	☑	☑	EDR Digital Archive
1992	☑	☑	EDR Digital Archive
1987	☑	☑	Haines Criss-Cross Directory
1982	☑	☑	Haines Criss-Cross Directory
1976	☑	☑	Haines Criss-Cross Directory
1971	☑	☑	Haines Criss-Cross Directory
1965	☑	☑	Luskey City Directory
1961	☑	☑	Luskey City Directory
1953	☑	☐	TLM Publishing Co

FINDINGS

TARGET PROPERTY STREET

7360 Foster Bridge Blvd
Downey, CA 90240

Year	*CD Image*	*Source*

FOSTER BRIDGE BLVD

2014	pg A2	EDR Digital Archive
2010	pg A4	EDR Digital Archive
2005	pg A6	EDR Digital Archive
2000	pg A8	EDR Digital Archive
1995	pg A10	EDR Digital Archive
1992	pg A12	EDR Digital Archive
1987	pg A14	Haines Criss-Cross Directory
1982	pg A16	Haines Criss-Cross Directory
1982	pg A17	Haines Criss-Cross Directory
1976	pg A19	Haines Criss-Cross Directory
1976	pg A20	Haines Criss-Cross Directory
1971	pg A22	Haines Criss-Cross Directory
1971	pg A23	Haines Criss-Cross Directory
1965	pg A25	Luskey City Directory
1961	pg A27	Luskey City Directory
1953	pg A28	TLM Publishing Co

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*	
BLUFF RD			
2014	pg. A1	EDR Digital Archive	
2010	pg. A3	EDR Digital Archive	
2005	pg. A5	EDR Digital Archive	
2000	pg. A7	EDR Digital Archive	
1995	pg. A9	EDR Digital Archive	
1992	pg. A11	EDR Digital Archive	
1987	pg. A13	Haines Criss-Cross Directory	
1982	pg. A15	Haines Criss-Cross Directory	
1976	pg. A18	Haines Criss-Cross Directory	
1971	pg. A21	Haines Criss-Cross Directory	
1965	pg. A24	Luskey City Directory	
1961	pg. A26	Luskey City Directory	
1953	-	TLM Publishing Co	Street not listed in Source

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

BLUFF RD 2014

7300	VALLES, NORMA
7307	CARRERA, ESEQUIEL J
7310	SCHERNER, JOELLEN D
7315	SHERMAN, WILLIAM P
7320	VOORWINDEN, ELIZABETH

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

FOSTER BRIDGE BLVD 2014

6803	HASTINGS, MARGIE L
	OCCUPANT UNKNOWN,
6805	MUNOZ, SARA
6807	ZENON, JESSICA
6809	NOGUEZ, JULIO
6814	ROBINS JEAN
6817	PINA, JASMINE H
6819	MORENO, RAUL E
6832	CNA METAL PRODUCTS
	HP MANUFACTURING
6847	LOPEZ, ANTONIO S
6905	MAYORGA, SALVADOR
6913	SANCHEZ, ANGELA F
6917	OCCUPANT UNKNOWN,
7322	REVUELTA, SIGIFREDO S
	REVUELTAS LANDSCAPE & MAINTENANCE
7330	LARSON, LYDIA P
7336	SALTY, ALEXANDER R
7360	LORDS GRACE ASSEMBLY THE

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

BLUFF RD 2010

7300	VALLES, FELIX M
7307	CARRERA, EZEQUIEL C
7310	SCHERNER, JOELLEN K
7315	SHERMAN, WILLIAM P
7320	HENINS, ANDREW C

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

FOSTER BRIDGE BLVD 2010

6805	DIAS, GLORIA O
6807	BROWN, DEBRA
6808	DENMAC CORP
	DOMINGUEZ DISTRIBUTORS INC
6814	ROBINS JEAN
6815	GUERRERO, ANGEL J
	MORENO, RAUL E
6817	PINA, DIANA
6820	1800MYSURGEONCOM
6832	CNA METAL PRODUCTS
6847	LOPEZ, FELISARDO S
6905	HERNANDEZ, JOSE D
6913	SANCHEZ, ANGELA F
6920	AAA RUBBISH INC
7322	REVUELTA, SIGIFREDO S
	REVUELTAS LANDSCAPE & MNTNC
7330	ZABALA, MARY G
7336	SALTY, EVELYN

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

BLUFF RD 2005

7300	VALLES, FELIX M
7307	CARRERA, EZEQUIEL C
7310	SCHERNER, JOELLEN K
7315	SHERMAN, WILLIAM P
7320	HENINS, ANDREW C

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

FOSTER BRIDGE BLVD 2005

6803	LOPEZ, EUSEVIO
6805	DIAZ, G
6814	FUEGO, DIVINO M
	MID CITIES PAPER BOX CO
	MID CITIES PAPER BOX CO INC
	MID CITY LLC
6815	GUERRERO, ANGEL J
6819	MORENO, RAUL A
6847	VIDAL, LUCIA
6905	HERNANDEZ, JOSE D
6920	AAA RUBBISH INC
7322	REVUELTA, SIGIFREDO S
	REVUELTAS LANDSCAPE & MAINTENANCE
7330	LARSON, LYDIA P
7336	OCCUPANT UNKNOWN,
7360	LORDS GRACE ASSEMBLY THE

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

BLUFF RD 2000

7300 OCCUPANT UNKNOWN,
7310 SCHERNER, SHIRLEY E
7315 SHERMAN, WILLIAM P

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

FOSTER BRIDGE BLVD 2000

7322 REVUELTA, M
7336 ESTRADA, ZORAIDA

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

BLUFF RD 1995

7300	VALLES, TERESA
7310	BOUTWELL, STEVE A
7315	SHERMAN, WILLIAM P
7320	GONZALEZ, G M

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

FOSTER BRIDGE BLVD 1995

6803	OCCUPANT UNKNOWNN
6805	OCCUPANT UNKNOWNN
6807	FRANCO, C
6809	OCCUPANT UNKNOWNN
6819	GUTIERREZ, DEANNA
6832	SUGDEN ENGINEERING CO
6847	LOPEZ, F
6854	HISPANIC SPECIALTIES INC
6905	LOPEZ, ERICA
6920	KELBEY CONSTRUCTION INC
7330	LARSON, LYDIA P
7336	GUTHRIE, MARY
7360	LORDS GRACE ASSEMBLY

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

BLUFF RD 1992

7315 SHERMAN, WILLIAM P

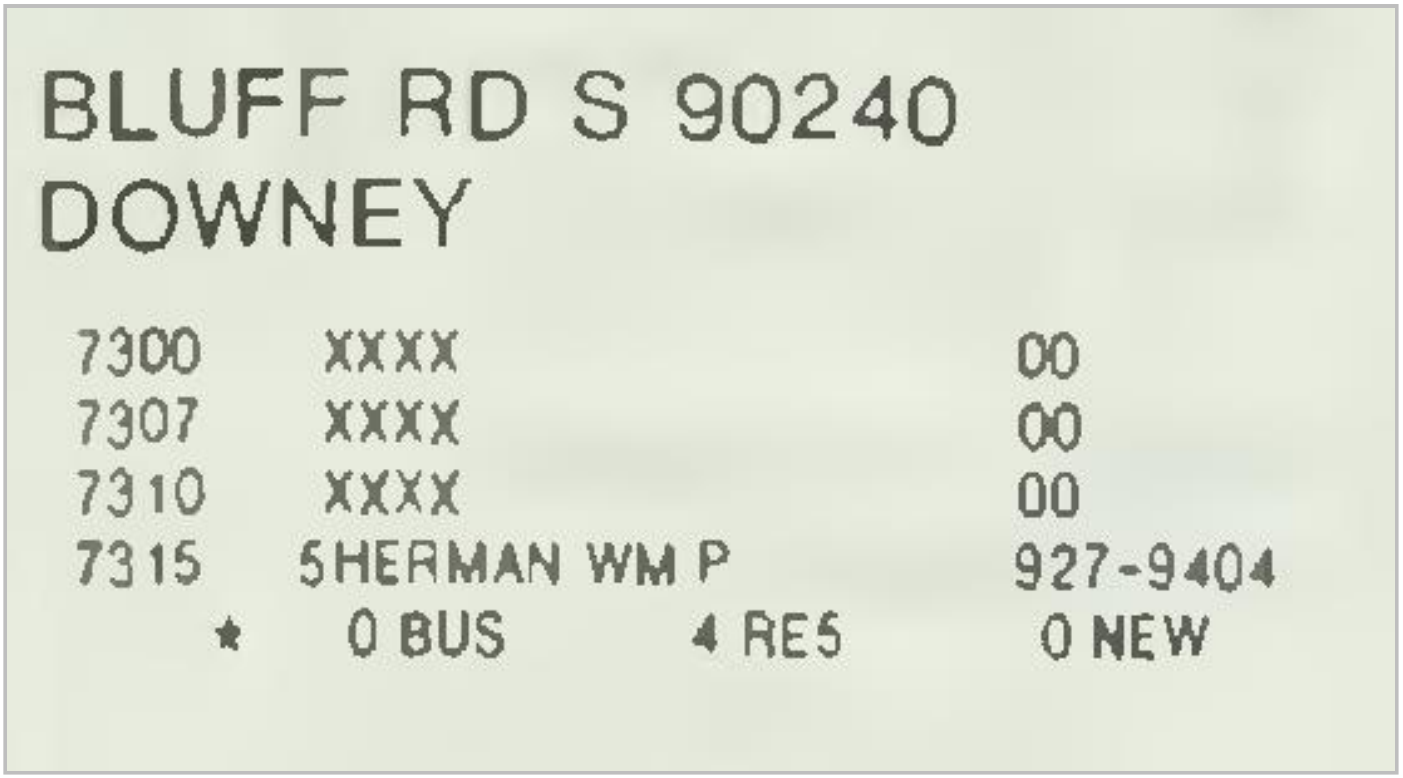
Target Street	Cross Street	Source
✓	-	EDR Digital Archive

FOSTER BRIDGE BLVD 1992

6809	RODRIGUEZ, RODOLFO
6832	SUGDEN ENGINEERING
6847	LOPEZ, F
6854	HISPANIC SPCLTY INC
6920	KELBEY CONSTR INC
7360	LORDS GRACE ASSMBLY

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

BLUFF RD 1987



BLUFF RD S 90240
DOWNEY

7300	XXXX	00
7307	XXXX	00
7310	XXXX	00
7315	5HERMAN WM P	927-9404
*	0 BUS 4 RES	0 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

FOSTER BRIDGE BLVD 1987

* 15 BUS 242 RES 15 NEW

FOSTER BRDG BLVD
90240 DOWNEY

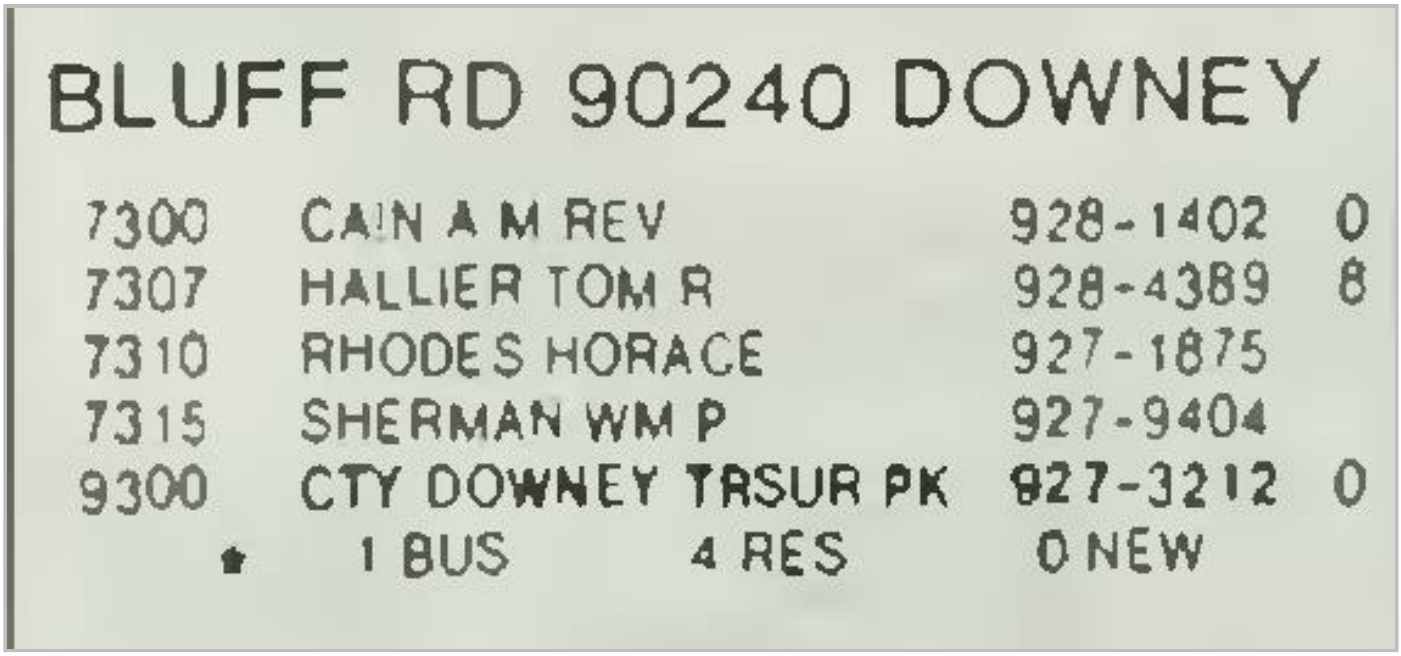
7322	JERVIS DONALD D	928-5307	4
7330	CRAVENS CRISTINA	928-2023	
	CRAVENS JOHN R	928-2023	6
7336	SIDDALL E W	927-6328	+7
7360	*LORDS GRACE ASSMBLY	927-4112	
	* 1 BUS 4 RES 1 NEW		

FOSTER BRDG BLVD E
90201 BELL GARDENS

6420½	BERNAL JOSE	927-9742	6
6422	JIMENEZ PEDRO	928-5052	9
6428	XXXX	00	
6433	*J&C ELECTRIC MOTOR	927-1168	
6441	XXXX	00	
6447	XXXX	00	
6448	XXXX	00	
6451	XXXX	00	
6461½	JAMES W	928-2319	9
6466	XXXX	00	
6467	VICARS JAS H	927-1529	
6469	XXXX	00	
6470	XXXX	00	
6471½	CHAVEZ ROGELIO	928-3669	5
6472	FONSECA CARMEN	928-7502	+7
6476	*SOLDIER OF CROSS	927-1888	+7
6481	*LEWS MARKET	927-3018	2
6501	XXXX	00	
6502	DVAILA MANUEL	928-3660	+7
	TORTOLEDO NORMA A	928-0745	5
6503	XXXX	00	
6508	KELLY CALVIN	927-3043	
6511½	ROBERSON L H	927-5996	
6514	ADKINS CURTISS	928-3974	+7
	ADKINS DARLENE	928-3974	+7
6517	RAMIREZ GABRIEL	806-1510	6
6521	XXXX	00	
6523	AMESQUITA NORMA	928-8669	5
6525	XXXX	00	
6527	XXXX	00	
6529	NEAL WM	927-2958	
6532	*APOSTOLIC CHURCH	928-4500	8
6533	XXXX	00	
6537	ALCAZAR ROSALVA	928-1940	+7
6539	XXXX	00	
6545	XXXX	00	
6546	ORTEGA GERARDO F	928-3423	8
6547	XXXX	00	
6548	XXXX	00	
6549	BERTRAN ORLANDO	928-2809	4
6550	XXXX	00	
6552	XXXX	00	
6553	XXXX	00	
6556	XXXX	00	
6557	HERNANDEZ MEDRANO R	928-6035	+7
6559	XXXX	00	
6561	RIVERA MARTIN	927-2086	+7
6561½	POMPA TONY	927-6169	
6600	GALLEGOS E D	928-8386	2
6604	XXXX	00	
6606	XXXX	00	
6607	XXXX	00	
6608	XXXX	00	
6627½	MERINO MILTON N	928-3597	6
6629½	CISNEROS SYLVIA	806-2033	6
6631	XXXX	00	
6632	TREVINO OSCAR	927-0465	5
6635	XXXX	00	
6638	XXXX	00	
6642	XXXX	00	
6644	XXXX	00	
6645	ROGERS LARRY	806-2812	+7
6646	XXXX	00	
6648	SAAVEDRA MARIA	806-1578	5
6653	XXXX	00	
6655	XXXX	00	
6680	XXXX	00	
6701	XXXX	00	
6702	*WILCH BROS MKT	927-1842	
6707	LEON MARTHA	927-2974	6
6710	XXXX	00	
6711	XXXX	00	
6715	FORTENBERRY BOBBY	928-1562	
6716	SEXTON F B	927-6754	
6719	XXXX	00	
6722	MCFERRON LESLIE	927-0658	
6726	XXXX	00	
6727	XXXX	00	
6728	XXXX	00	
6736	MOUTREY ARTHUR	927-6177	
6738	DITCH TIMOTHY R	927-0192	2
6742	MEAD JOHN A	927-2309	
6743	XXXX	00	
6745	XXXX	00	
6747	CALVILLO ROBERTO	928-0213	4
6750	XXXX	00	
6760	XXXX	00	
6762	XXXX	00	
6763	XXXX	00	
6803½	FRANCO EVANGELINA	928-6056	+7
6805	LOPEZ PEDRO	927-1907	4
6807	NUNEZ SOCORRO	806-1968	+7
6808	XXXX	00	
6809	XXXX	00	
6815	XXXX	00	
6822	*FANNIN CO THE	927-9942	5
6832	XXXX	00	
6847	LOPEZ FELISARDO	928-1714	6
6854	*AVALON BAKERIES INC	927-7791	5
6913	CASTELLANO MIKE	927-0787	0
6917	HOPKINS D	927-2221	
7336	XXXX	00	
	* 7 BUS 95 RES 11 NEW		

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

BLUFF RD 1982



BLUFF RD 90240 DOWNEY

7300	CAIN A M REV	928-1402	0
7307	HALLIER TOM R	928-4389	8
7310	RHODES HORACE	927-1875	
7315	SHERMAN WM P	927-9404	
9300	CTY DOWNEY TRSUR PK	927-3212	0
*	1 BUS 4 RES	0 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

FOSTER BRIDGE BLVD 1982

FOSTER BRIDGE BLVD
90240 DOWNEY

6466	XXXX	00	
6511½	ROBERSON L H	927-5996	6
6514	XXXX	00	
6523	XXXX	00	
6537	XXXX	00	
6554	BRYANT JOHN	927-1126	8
6602	XXXX	00	
6616	XXXX	00	
6625	CHAVARRIA MIGUEL	927-0139	1
6634	XXXX	00	
6654	RIO HONDO MACH SLS	927-8377	1
7322	HECHAVARRIA MARIO	928-9921	+2
7330	BRITO JUAN	928-3278	1
7360	LORDS GRACE ASSMBLY	927-4112	3
*	2 BUS 12 RES	1 NEW	

FOSTER BRIDGE BLVD E
90201 BELL GARDENS

6422	JIMENEZ PEDRO	928-5052	9
6428	XXXX	00	
6433	J&C ELECTRIC MOTOR	927-1168	
6441	XXXX	00	
6447	XXXX	00	
6448	GUNTER CLIFFORD	927-1050	
6451	XXXX	00	
6461½	JAMES W	928-2319	9
6466	SOLIDER CROSS	927-1888	1
6467	VICARS JAS H	927-1529	
6469	VILLALOBOS RALPH	927-3878	7
6469½	VILLALOBOS PEDRO	927-3674	7
6470	XXXX	00	
6472	XXXX	00	
6476	ULLOA ELVIRA	928-7792	+2
	ULLOA SILVERIO	928-7792	+2
6481	LEWS MARKET	927-3018	+2
6501	XXXX	00	
6502	VERDIN MATEO	928-4394	9
6503	XXXX	00	
6508	KELLY CALVIN	927-3043	6
6529	NEAL WM	927-2958	
6532	APOSTOLIC CHURCH	928-4500	8
6533	XXXX	00	
6537	XXXX	00	
6539	SCHEUMACK JOHN	927-2212	
6545	MCFALL HILDA	927-8764	0
6546	ORTEGA GERARDO F	928-3423	8
6547	XXXX	00	
6548	XXXX	00	
6549	BERTRAN LUCY	928-5007	0
6550	XXXX	00	
6552	XXXX	00	
6553	AGUILERA FRANCISCO	928-1630	+2
6555	XXXX	00	
6557	NORRIS TROYCE	928-3204	5
6559	OCHA CONNIE	928-1473	5
6561	CORDOVA ALBERT	927-0203	4
	CORDOVA TERRIE	927-0203	
6561½	POMPA TONY	927-6169	5
6600	GALLEGOS E D	928-8386	+2
6604	ARIAS MARCO	928-6153	1
6606	XXXX	00	
6607	NEWBERN JAY	927-8104	1
	NEWBERN THOS B	927-1867	4
6608	LOPEZ MIGUEL	927-9847	7
6616	XXXX	00	
6625	XXXX	00	
6627½	ROMAN JOSEPHINE	928-9697	+2
6631	XXXX	00	
6632	VALLES FELIX	927-0567	7
6635	CLUMPNER BRENT A	928-5484	1
6638	XXXX	00	
6642	GRAY B	927-1706	5
6644	XXXX	00	
6645	ANGUIANO LUCILLE	927-6939	8
	FLORES ERNEST B	928-4521	1
	NORGROVE KENT	928-4968	+2
	SCHLIEPER JANIE	927-1997	1
6702	WILCH BROS MKT	927-1842	
6707	XXXX	00	
6711	XXXX	00	
6715	FORTENBERRY BOBBY	928-1562	7
6716	SEXTON F B	927-6754	
6719	XXXX	00	
6722	MCFERRON LESLIE	927-0658	4
6727	CLINE TERESA	928-8831	+2
	LOPEZ SOFIA	927-2179	1
	MARTINEZ LAWRENCE	927-8491	8
6728	XXXX	00	
6736	MOUTREY ARTHUR	927-6177	4
6738	DITCH TIMOTHY R	927-0192	+2
6742	MEAD JOHN A	927-2309	

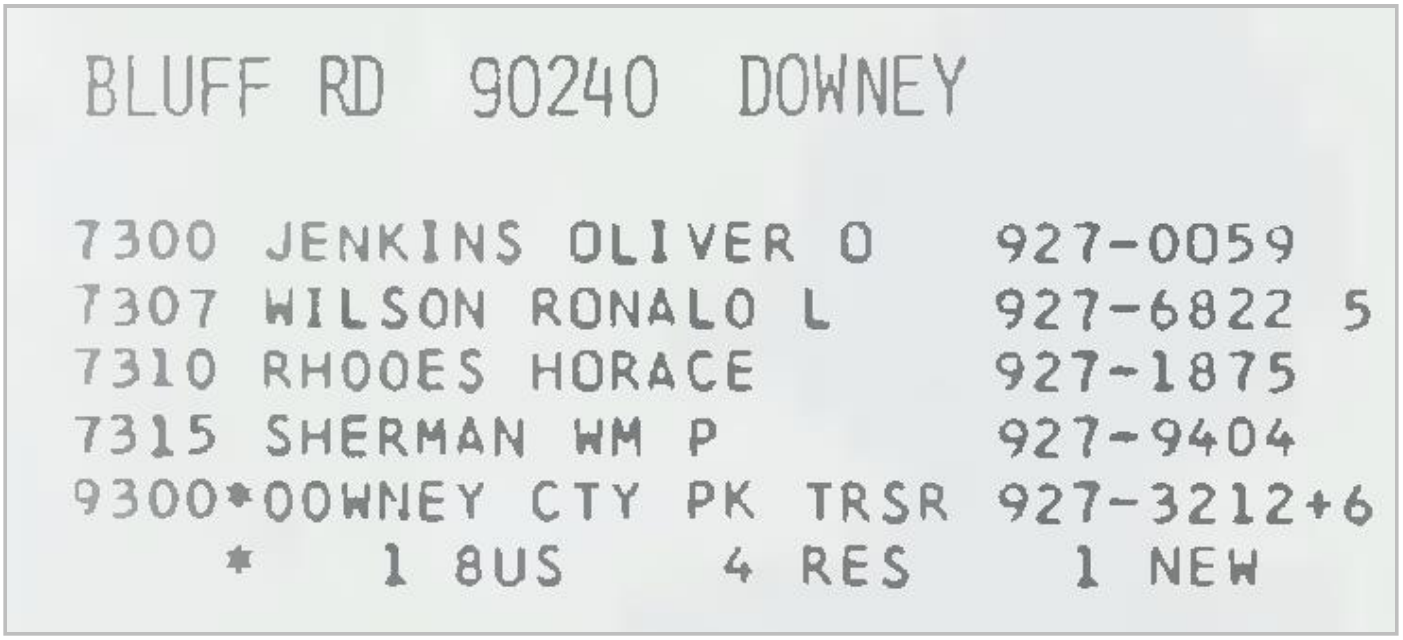
Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

FOSTER BRIDGE BLVD 1982

FOSTER BRDG BLVD E		90201 CONT
6743	XXXX	00
6745	RIVERA HERIBERTO	927-6788 +2
6747	CHATMAN L	928-6122 0
6750	POTTER C A CNSTRCTN	927-1635
6760	XXXX	00
6762	XXXX	00
6763	XXXX	00
6764	XXXX	00
6766	CHAVEZ RAFAEL	928-7213 1
6800	XXXX	00
6803½	LOPEZ PEDRO	927-1907 +2
6805	XXXX	00
6808	MID CITIES PAPER	927-2582 +2
6809	MALLORGA G	927-3168 +2
6815	XXXX	00
6832	XXXX	00
6847	XXXX	00
6854	XXXX	00
6913	CASTELLANO MIKE	927-0787 0
6917	HOPKINS D	927-2221 3
*	7 BUS 86 RES	13 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

BLUFF RD 1976



BLUFF RD 90240 DOWNEY

7300 JENKINS OLIVER O 927-0059
7307 WILSON RONALO L 927-6822 5
7310 RHODES HORACE 927-1875
7315 SHERMAN WM P 927-9404
9300*OOWNEY CTY PK TRSR 927-3212+6
* 1 8US 4 RES 1 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

FOSTER BRIDGE BLVD 1976

FOSTER BRIDGE 90240 DOWNEY

7322 JERVIS HAROLO G SR 927-9462
7360*LOROS GRACE ASSM8LY927-4112 3
* 1 8US 1 RES 0 NEW

FOSTER BRDG BLVD E 90201 BL GRDN

6420 GUTIERREZ OANL 927-3188+6
6420½ NOVIKOFF WM 927-5441 3
6428 XXXX 00
6433*J&C ELECTRIC MTR SH927-1168
6441 XXXX 00
6448*GUNTER SERV 927-1050
6451 XXXX 00
6461 XXXX 00
6462½ JIMENEZ NICOLAS 928-2861+6
6466*8ELL GRONS CH GOO 928-1058 5
6467 VICARS JAS H 927-1529
6471 XXXX 00
6472 XXXX 00
6480*C&G SUPPLY 927-1032
6481*WONGS MKT 927-3018
6501 XXXX 00
6502 GUTIERREZ O 928-3460 4
GUTIERREZ JESUS 928-3460 4
WELLS 8ILL 927-6341+6
6503 XXXX 00
6508 KELLY CALVIN 927-3043+6
NOLAN 8RENOA 927-7933+6
6511½ RO8ERSON O L 927-5996+6
6514 MARTINEZ RO8T 927-8266 5
VASQUEZ JOE 927-6993+6
6517 JARVIS JOS 928-3978+6
6523 XXXX 00
6525 XXXX 00
6527 CA8RERA MIGUEL 927-2317+6
6529 NEAL WM 927-2958
6532 EOWAROS WM 927-6485+6
6533 XXXX 00

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

FOSTER BRIDGE BLVD 1976

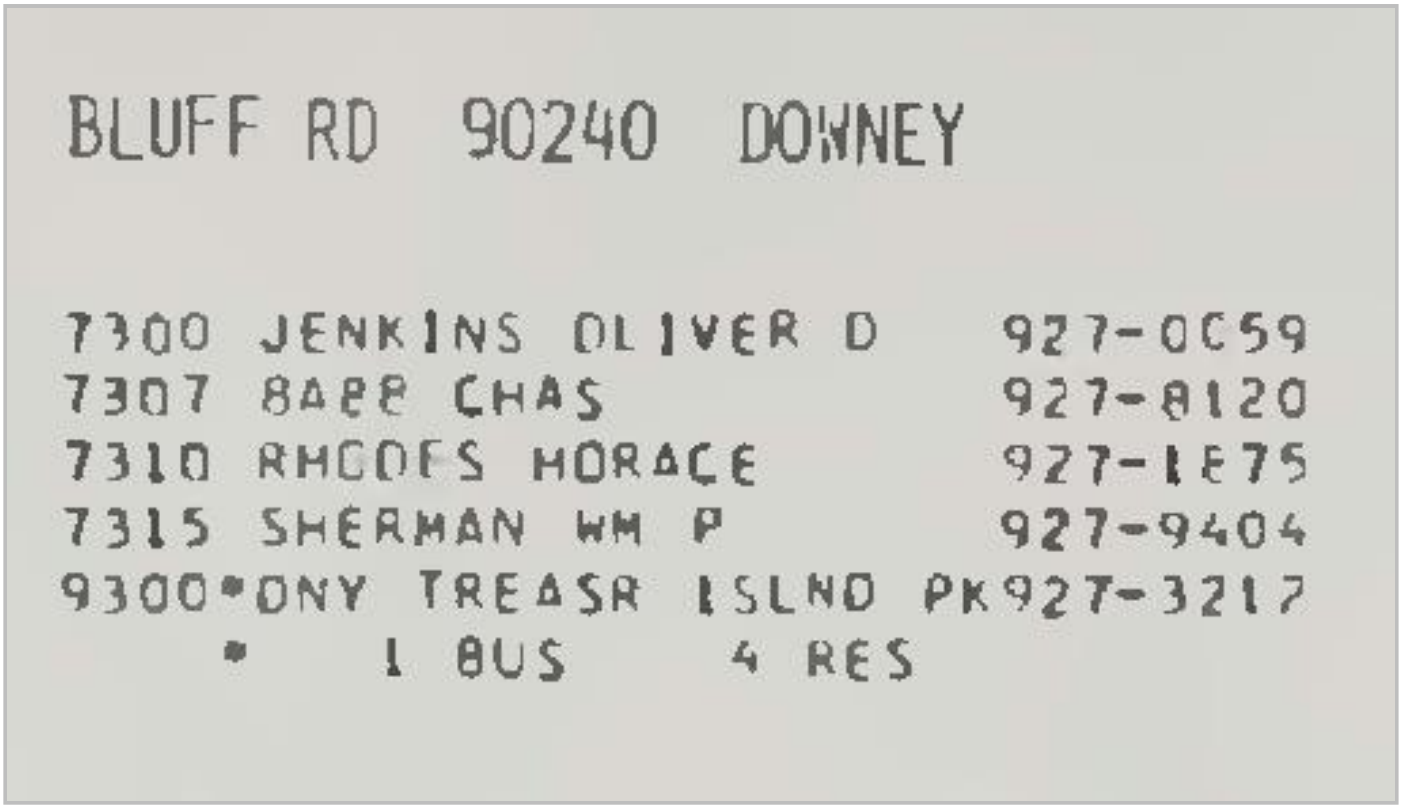
..FOSTER 8ROG 8LVD E 90201 CONT..

6537	XXXX	00
6539	SCHEUMACK JOHN	927-2212
6546	8ELLEFEUILLE A R	928-3167 3
6548	OUNN JAS 8	927-1265
6550	XXXX	00
6552	8ARKSOALE OENA	927-2925 5
6553	REYNOLOS JENNIE M	927-5682+6
6554	RO8ERSON JAS	928-3787 2
6555	XXXX	00
6557	NORRIS TROYCE	928-3204 5
6559	OCHA CONNIE	928-1473 5
6561	CORDOVA AL8ERT	927-0203 4
	CORDOVA TERRIE	927-0203 4
6561½	POMPA TONY	927-6169 5
6600	TAYLOR ELMER 8	927-2912
6603	NEW8ERN THOS W	927-0617+6
6604	XXXX	00
6606	LOPEZ ALICIA	927-8179+6
6606½	LOPEZ MIGUEL	927-9847 5
6607	NEW8ERN THOS 8	927-1867 4
6608	XXXX	00
6616	CARTER JAS C	927-2158
6625	ISMERT JACKIE	928-1658+6
6627	XXXX	00
6631	XXXX	00
6632	XXXX	00
6638	XXXX	00
6642	GRAY 8	927-1706 5
6644	XXXX	00
6645	ROCK MARVIN	927-6939+6
6648	XXXX	00
6701	*DOWNEY VENDORS	927-1215
	*SMITH&MCGEE VENDORS	927-1215+6
6702	*WILCH 8ROS MKT	927-1842
6707	XXXX	00
6711	XXXX	00
6715	JOHNSON JEFF W	927-6445+6
6716	SEXTON F 8	927-6754 2
6722	MCFERRON LESLIE	927-0658 4
6727	HENDRICKS 8IANCA	928-4152+6
6728	XXXX	00
6736	MOUTREY ARTHUR	927-6177 4
6742	MEAD JOHN A	927-2309 2
6743	XXXX	00
6745	OCHOA MARCILINO	928-1526 5
6747	MCCOY S	927-3201+6
6750	*POTTER C A CNSTRCTN	927-1635
6760	GAUVIN A M	927-4681 3
6762	XXXX	00
6763	XXXX	00
6764	XXXX	00
6766	DAVIS RALPH	927-3272
6803	SEELY MARK	928-1175+6
6805	XXXX	00
6808	*8EST 8UILT MATTRESS	927-1384
6809	XXXX	00
6832	XXXX	00
6847	XXXX	00
6913	XXXX	00
6917	HOPKINS O	927-2221 3

* 10 8US 82 RES 20 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

BLUFF RD 1971



BLUFF RD 90240 DOWNEY

7300 JENKINS OLIVER D 927-0C59
7307 BABB CHAS 927-8120
7310 RHODES HORACE 927-1E75
7315 SHERMAN WM P 927-9404
9300*ONY TREASR ISLND PK927-3217
* 1 BUS 4 RES

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

FOSTER BRIDGE BLVD 1971

FOSTER BRIDGE 90240 DOWNEY

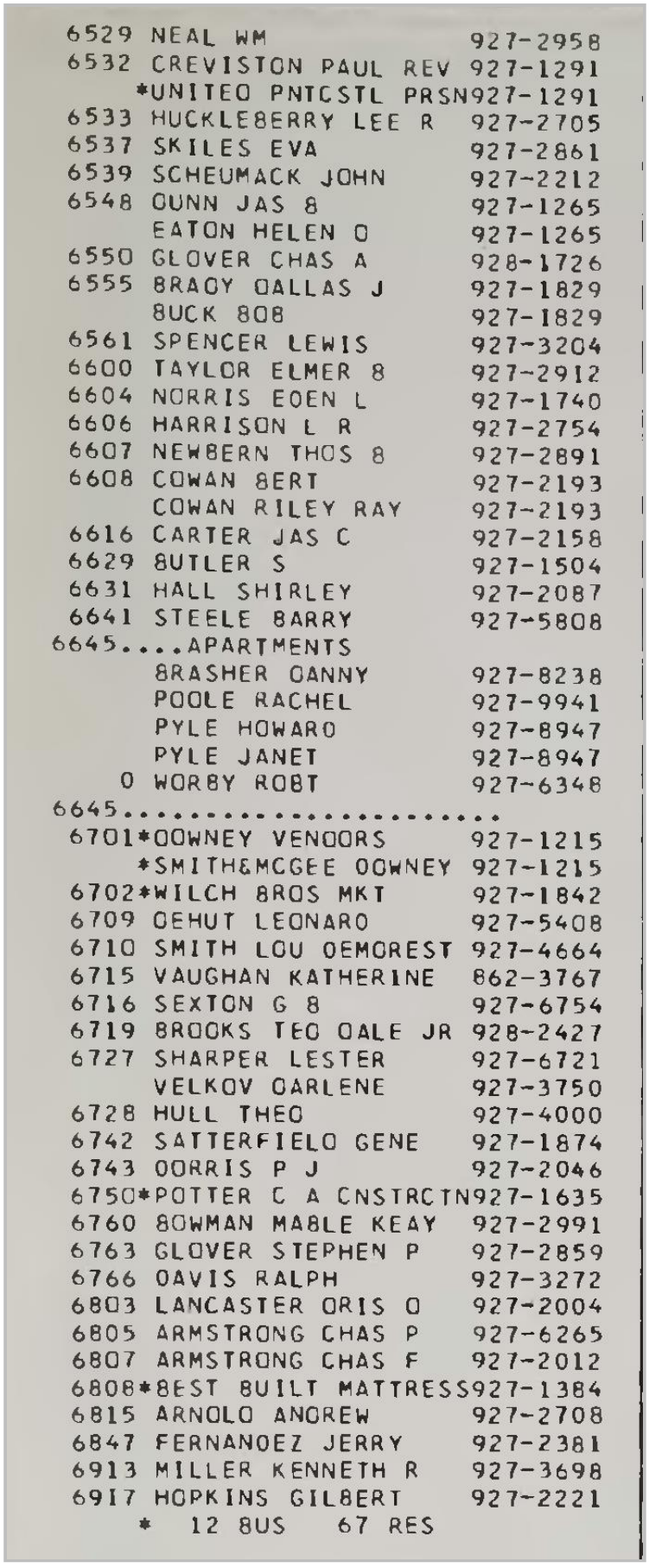
7322 JERVIS HAROLD G SR 927-9462
SPRINKLE CHAS W 927-2387
7360*DOWNEY BAPTIST CHPL927-0919
* 1 BUS 2 RES

FOSTER BRDG BLVD E 90201 BL GRDN

6428*MURPHY JACK 927-1601
6433*J&C ELECTRIC MTR SH927-1168
6441 GRAY HAZEL 927-3798
6448*GUNTER SERV 927-1050
6451 MARRS ORIS 927-1782
6462 CARTER LUGAROITA B 928-2979
6467 VICARS JAS H 927-1529
6469½*BONHAM A S 927-1206
6471½ BAKER MARIAN 927-4069
6472 KLINGER ROBT J SR 927-0359
6480*C&G SUPPLY 927-1032
6481*WONGS MKT 927-3018
6502 ADKINS JESS W 927-2385
JAMES WILMA 927-7338
JOROON BERNICE 928-1666
MCALISTER RONALD 862-3623
6508....APARTMENTS
B DAVIS LARRY 927-2972
B FARRIS JAS 927-4882
B THOMAS CHAS J 927-3942
B VALDEZ SEVERO 928-1771
B VOLZ JOHN JR 927-4381
6508.....
6511½ ROBERSON D L 927-5996
6514 GREEN WALTER L 927-3577
6517 MITCHELL JOS N 927-1122
6519½ BUSTOS LEROY 927-7678
6521 SHELLY HERMAN S 927-4859
6525 DORAN ALFRED 927-3526

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

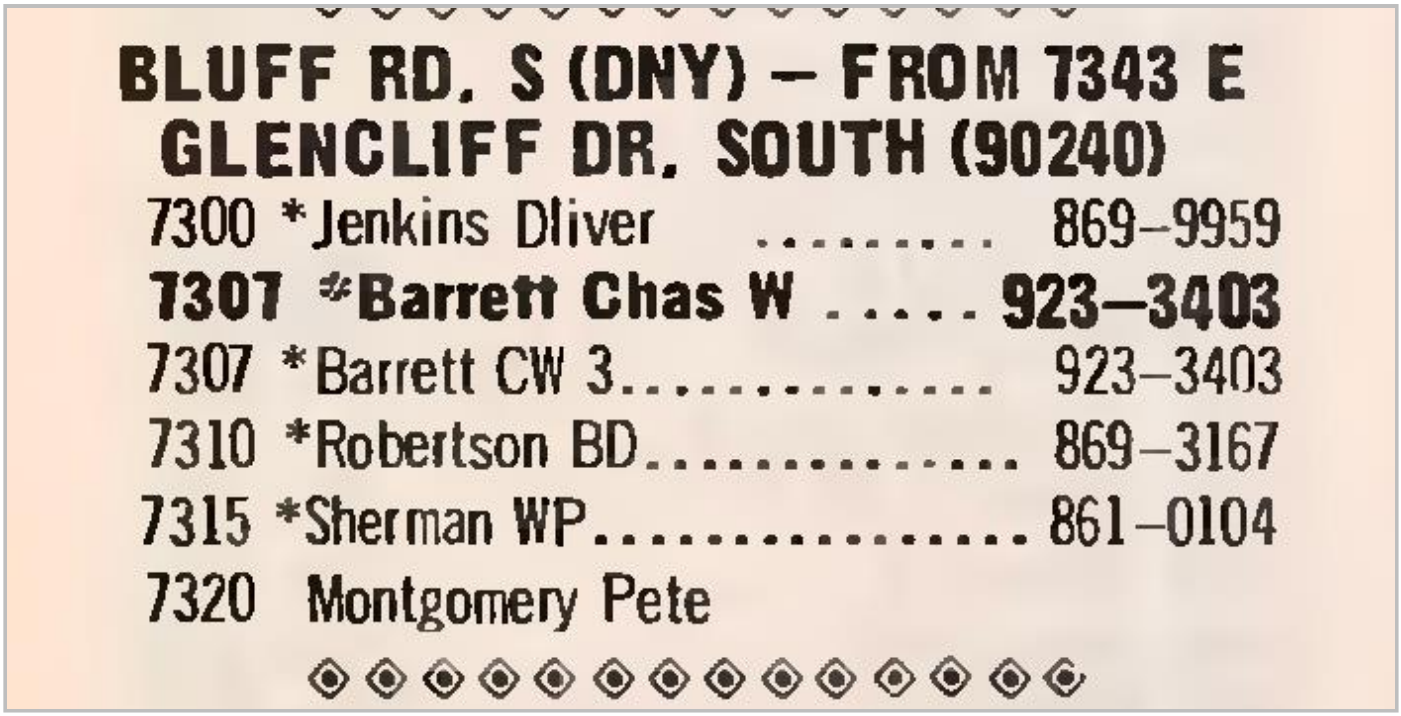
FOSTER BRIDGE BLVD 1971



```
 6529 NEAL WM                  927-2958
 6532 CREVISTON PAUL REV       927-1291
     *UNITED PNTCSTL PRSN      927-1291
 6533 HUCKLEBERRY LEE R        927-2705
 6537 SKILES EVA               927-2861
 6539 SCHEUMACK JOHN           927-2212
 6548 DUNN JAS B               927-1265
      EATON HELEN D            927-1265
 6550 GLOVER CHAS A            928-1726
 6555 BRADY DALLAS J           927-1829
      BUCK BOB                 927-1829
 6561 SPENCER LEWIS            927-3204
 6600 TAYLOR ELMER B           927-2912
 6604 NORRIS EDEN L            927-1740
 6606 HARRISON L R             927-2754
 6607 NEWBERN THOS B           927-2891
 6608 COWAN BERT               927-2193
      COWAN RILEY RAY          927-2193
 6616 CARTER JAS C             927-2158
 6629 BUTLER S                 927-1504
 6631 HALL SHIRLEY             927-2087
 6641 STEELE BARRY             927-5808
6645....APARTMENTS
      BRASHER DANNY            927-8238
      POOLE RACHEL             927-9941
      PYLE HOWARD              927-8947
      PYLE JANET               927-8947
    D WORBY ROBT               927-6348
6645.........................
 6701*DOWNEY VENDORS           927-1215
     *SMITH&MCGEE DOWNEY       927-1215
 6702*WILCH BROS MKT           927-1842
 6709 DEHUT LEONARD            927-5408
 6710 SMITH LOU DEMOREST       927-4664
 6715 VAUGHAN KATHERINE        862-3767
 6716 SEXTON G B               927-6754
 6719 BROOKS TED DALE JR       928-2427
 6727 SHARPER LESTER           927-6721
      VELKOV DARLENE           927-3750
 6728 HULL THEO                927-4000
 6742 SATTERFIELD GENE         927-1874
 6743 DORRIS P J               927-2046
 6750*POTTER C A CNSTRCTN      927-1635
 6760 BOWMAN MABLE KEAY        927-2991
 6763 GLOVER STEPHEN P         927-2859
 6766 DAVIS RALPH              927-3272
 6803 LANCASTER ORIS D         927-2004
 6805 ARMSTRONG CHAS P         927-6265
 6807 ARMSTRONG CHAS F         927-2012
 6808*BEST BUILT MATTRESS      927-1384
 6815 ARNOLD ANDREW            927-2708
 6847 FERNANDEZ JERRY          927-2381
 6913 MILLER KENNETH R         927-3698
 6917 HOPKINS GILBERT          927-2221
     *  12 BUS   67 RES
```

Target Street	Cross Street	Source
-	✓	Luskey City Directory

BLUFF RD 1965

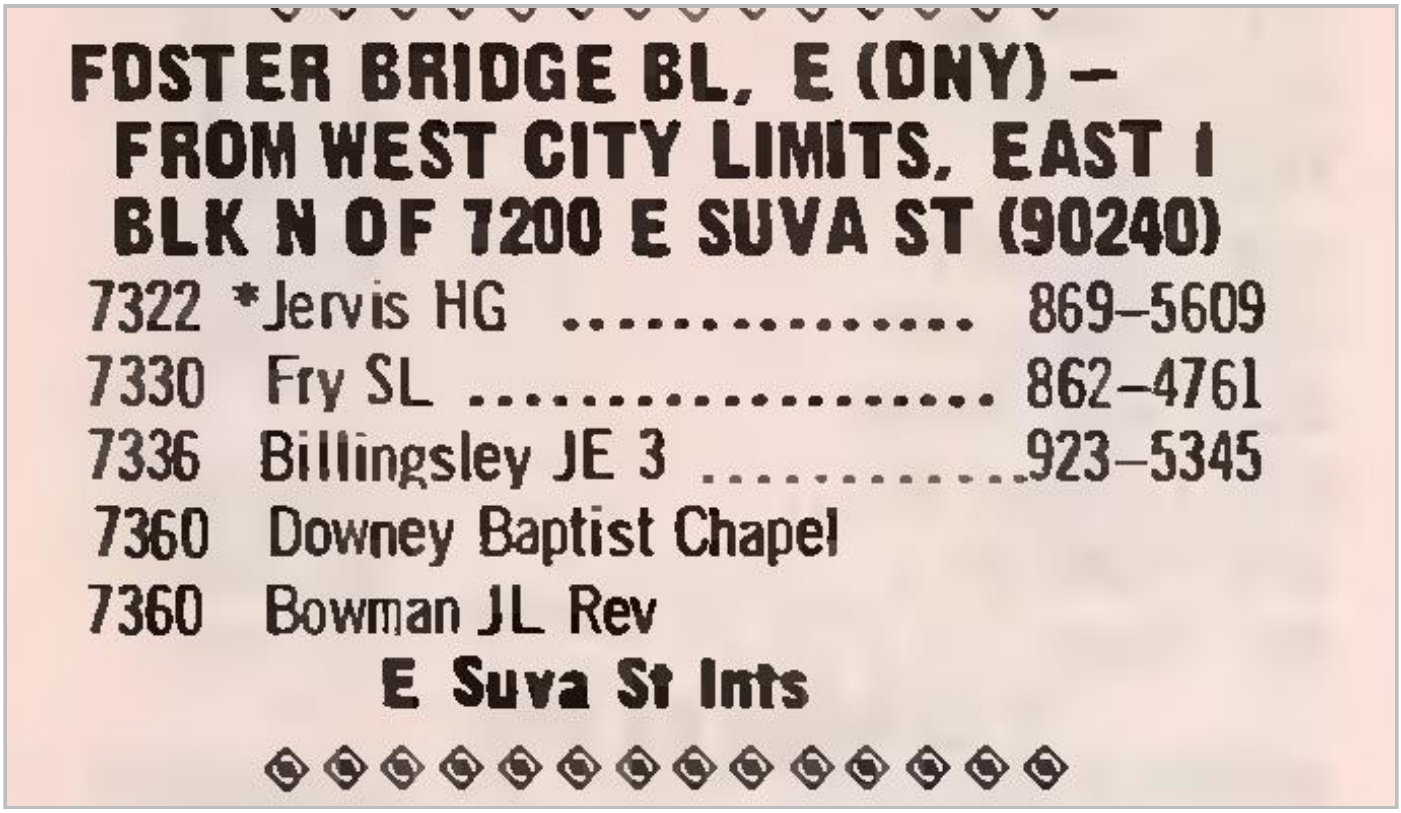


BLUFF RD. S (DNY) – FROM 7343 E GLENCLIFF DR. SOUTH (90240)

7300 *Jenkins Dliver 869–9959
7307 *Barrett Chas W 923–3403
7307 *Barrett CW 3..... 923–3403
7310 *Robertson BD..... 869–3167
7315 *Sherman WP..... 861–0104
7320 Montgomery Pete

Target Street	Cross Street	Source
✓	-	Luskey City Directory

FOSTER BRIDGE BLVD 1965



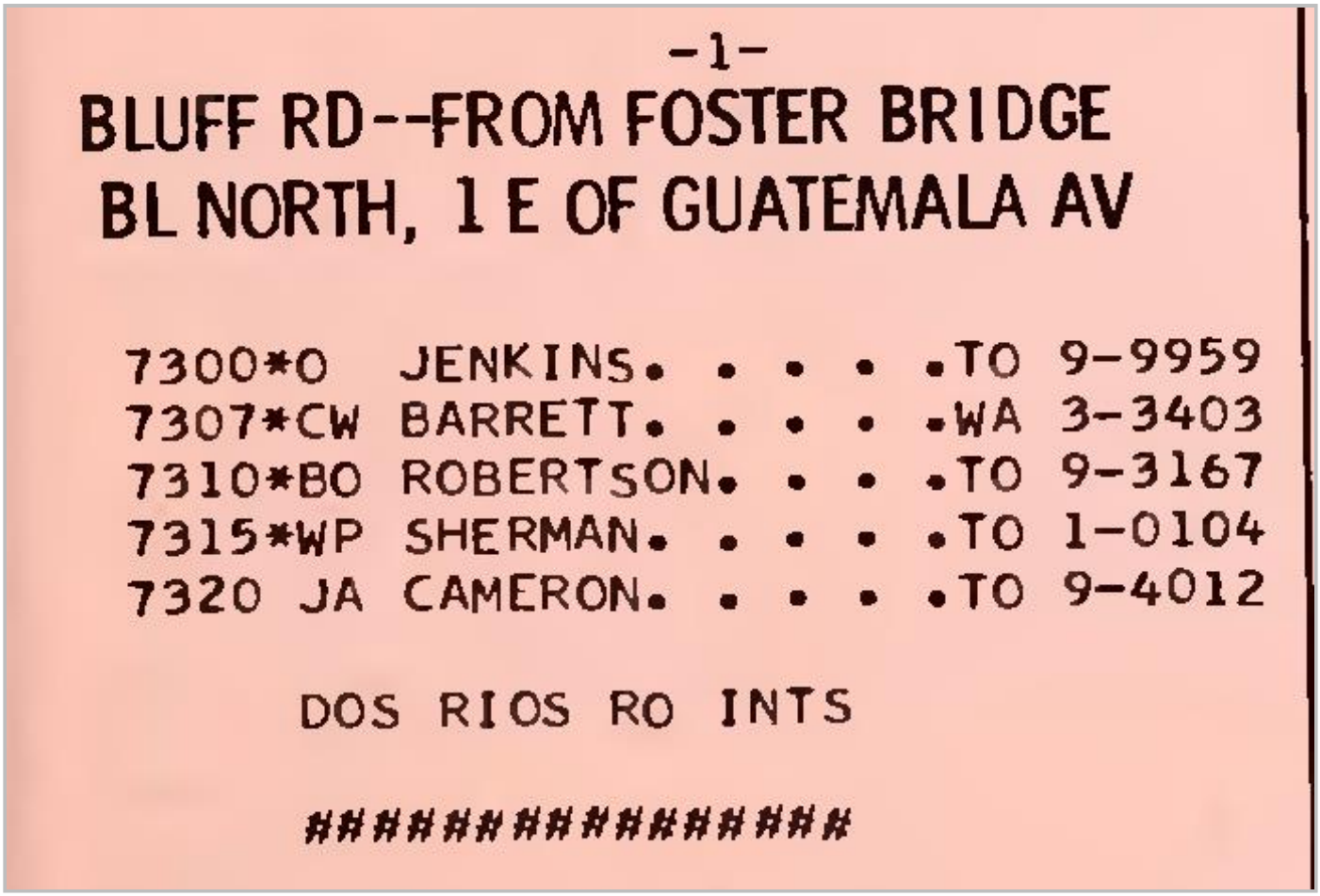
FOSTER BRIDGE BL, E (DNY) –
FROM WEST CITY LIMITS, EAST 1
BLK N OF 7200 E SUVA ST (90240)

7322 *Jervis HG 869–5609
7330 Fry SL 862–4761
7336 Billingsley JE 3 923–5345
7360 Downey Baptist Chapel
7360 Bowman JL Rev

E Suva St Ints

Target Street	Cross Street	Source
-	✓	Luskey City Directory

BLUFF RD 1961



-1-

BLUFF RD--FROM FOSTER BRIDGE
BL NORTH, 1 E OF GUATEMALA AV

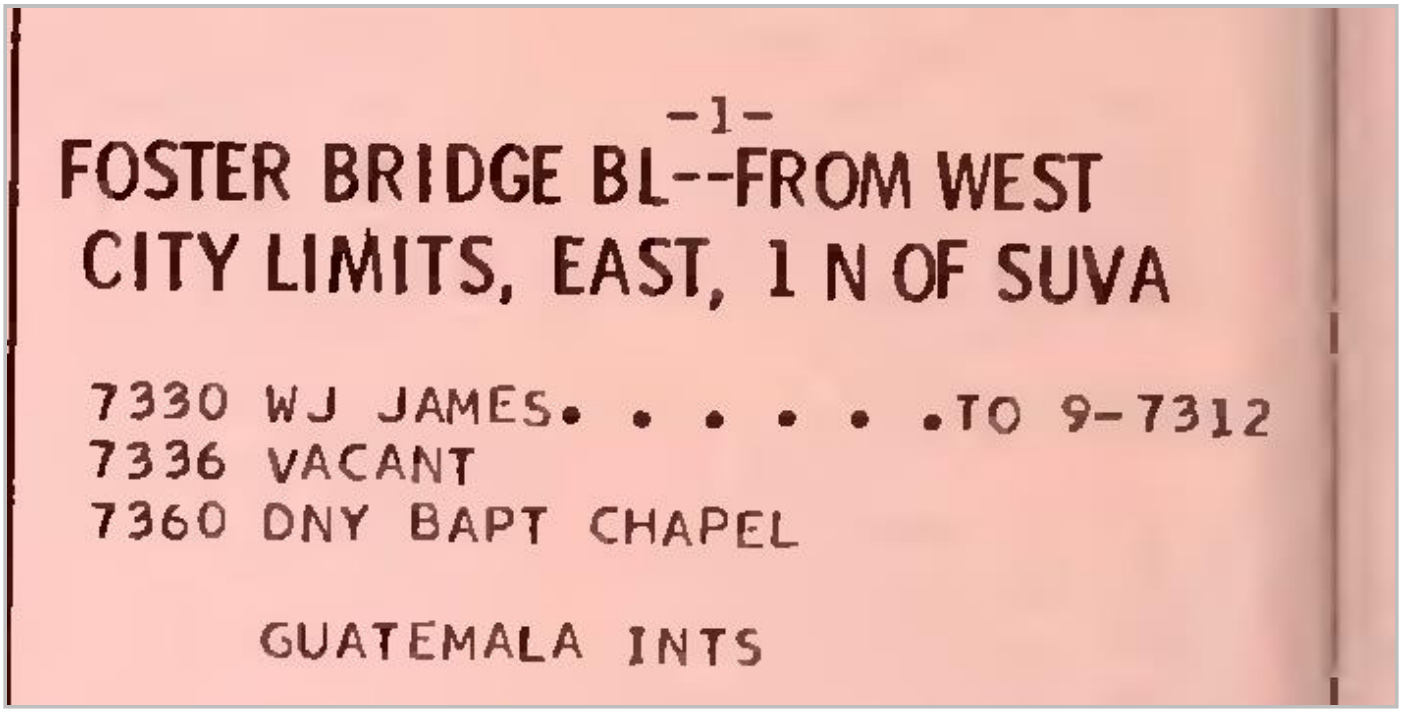
7300*O JENKINS. . . . .TO 9-9959
7307*CW BARRETT. . . . .WA 3-3403
7310*BO ROBERTSON. . . .TO 9-3167
7315*WP SHERMAN. . . . .TO 1-0104
7320 JA CAMERON. . . . .TO 9-4012

DOS RIOS RO INTS

##################

Target Street	Cross Street	Source
✓	-	Luskey City Directory

FOSTER BRIDGE BLVD 1961



-1-

FOSTER BRIDGE BL--FROM WEST
CITY LIMITS, EAST, 1 N OF SUVA

7330 WJ JAMES. . . . . .TO 9-7312
7336 VACANT
7360 DNY BAPT CHAPEL

GUATEMALA INTS

Target Street	Cross Street	Source
✓	-	TLM Publishing Co

FOSTER BRIDGE BLVD 1953

FOSTER BRIDGE RD-W from 9500 Tweedy Ln

7322 * Davis C N
7336 Transient
7356 * Rhoades Robt
7403 Transient

7360 Foster Bridge Blvd

7360 Foster Bridge Blvd

Downey, CA 90240

Inquiry Number: 7155128.4

October 20, 2022

EDR Historical Topo Map Report

with QuadMatch™

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

EDR Historical Topo Map Report

10/20/22

Site Name:

7360 Foster Bridge Blvd
7360 Foster Bridge Blvd
Downey, CA 90240
EDR Inquiry # 7155128.4

Client Name:

SCS Engineers
3900 Kilroy Airport Way
Long Beach, CA 90806
Contact: Gloria Barrientos

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

Search Results:

P.O.# NA
Project: 01222267.00

Coordinates:

Latitude:	33.965875 33° 57' 57" North
Longitude:	-118.136536 -118° 8' 12" West
UTM Zone:	Zone 11 North
UTM X Meters:	394998.80
UTM Y Meters:	3758954.16
Elevation:	137.00' above sea level

Maps Provided:

2018	1947	1896
2015	1943	
2012	1942	
1981	1936	
1972	1925	
1964, 1965	1923	
1951, 1952	1902	
1949	1899	

Disclaimer - Copyright and Trademark Notice

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

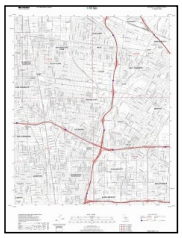
Copyright 2022 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

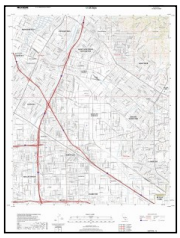
Topo Sheet Key

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

2018 Source Sheets

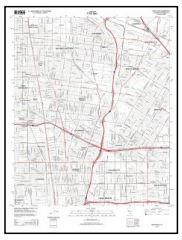


South Gate
2018
7.5-minute, 24000

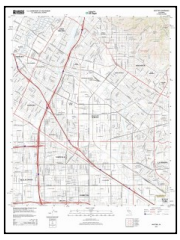


Whittier
2018
7.5-minute, 24000

2015 Source Sheets



South Gate
2015
7.5-minute, 24000



Whittier
2015
7.5-minute, 24000

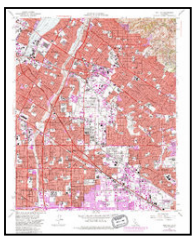
2012 Source Sheets

South Gate
2012
7.5-minute, 24000

Whittier
2012
7.5-minute, 24000

1981 Source Sheets

South Gate
1981
7.5-minute, 24000
Aerial Photo Revised 1978



Whittier
1981
7.5-minute, 24000
Aerial Photo Revised 1978

Topo Sheet Key

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

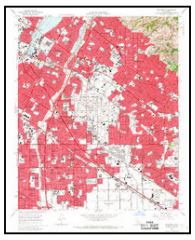
1972 Source Sheets

South Gate
1972
7.5-minute, 24000
Aerial Photo Revised 1972

Whittier
1972
7.5-minute, 24000
Aerial Photo Revised 1972

1964, 1965 Source Sheets

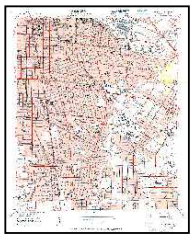
South Gate
1964
7.5-minute, 24000
Aerial Photo Revised 1963



Whittier
1965
7.5-minute, 24000
Aerial Photo Revised 1963

1951, 1952 Source Sheets

Whittier
1951
7.5-minute, 24000
Aerial Photo Revised 1947



SOUTH GATE
1952
7.5-minute, 24000

1949 Source Sheets

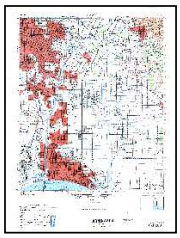
South Gate
1949
7.5-minute, 24000
Aerial Photo Revised 1947

Whittier
1949
7.5-minute, 24000
Aerial Photo Revised 1947

Topo Sheet Key

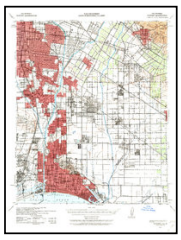
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



DOWNEY
1947
15-minute, 50000

1943 Source Sheets



Downey
1943
15-minute, 62500
Aerial Photo Revised 1939

1942 Source Sheets

Downey
1942
15-minute, 62500

1936 Source Sheets

Bell
1936
7.5-minute, 24000

Topo Sheet Key

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

1925 Source Sheets

Bell
1925
7.5-minute, 24000

1923 Source Sheets

Bell
1923
7.5-minute, 24000

1902 Source Sheets

Downey
1902
15-minute, 62500

1899 Source Sheets

Downey
1899
15-minute, 62500

Topo Sheet Key

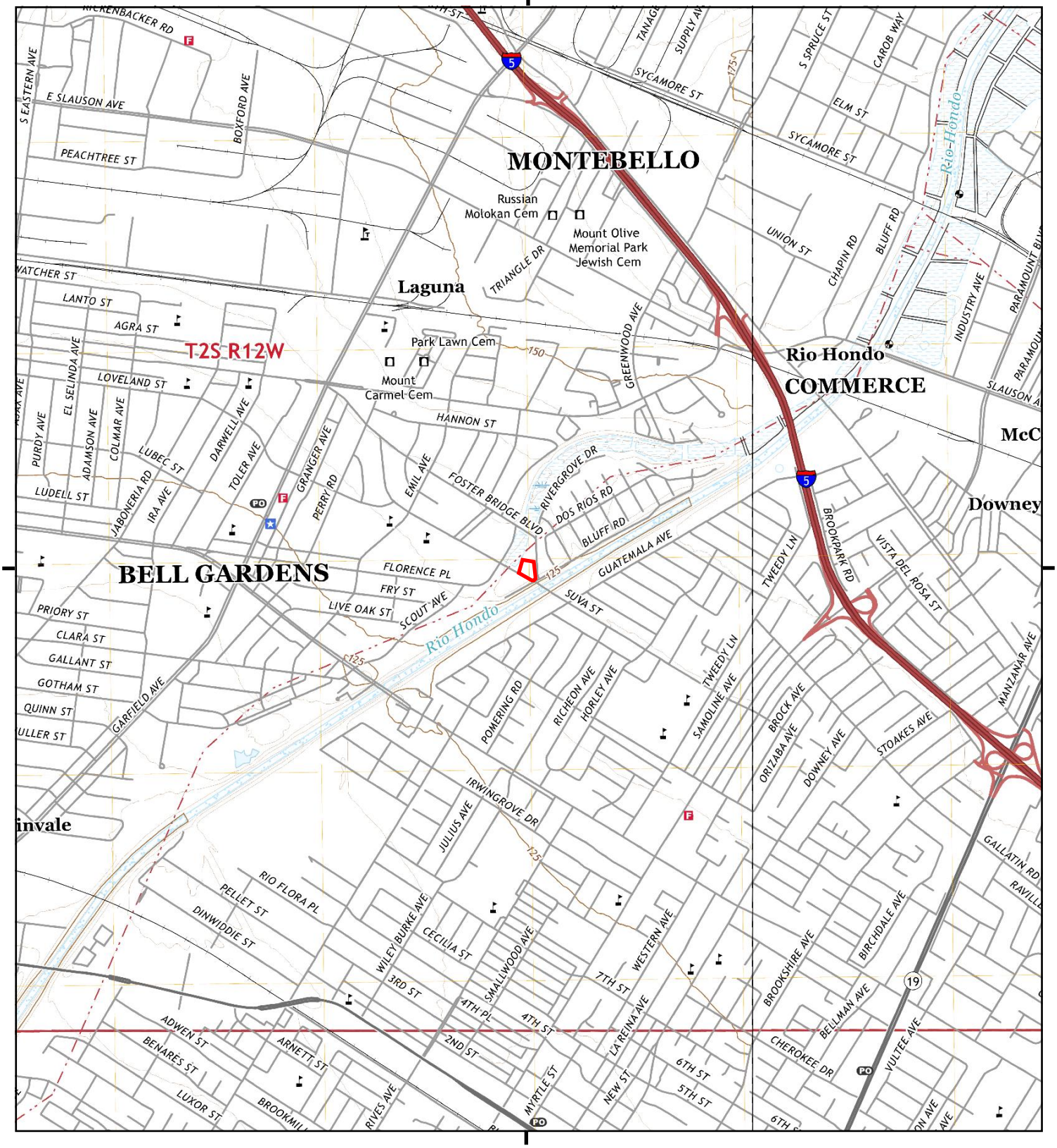
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1896 Source Sheets

Downey
1896
15-minute, 62500

Historical Topo Map

2018



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

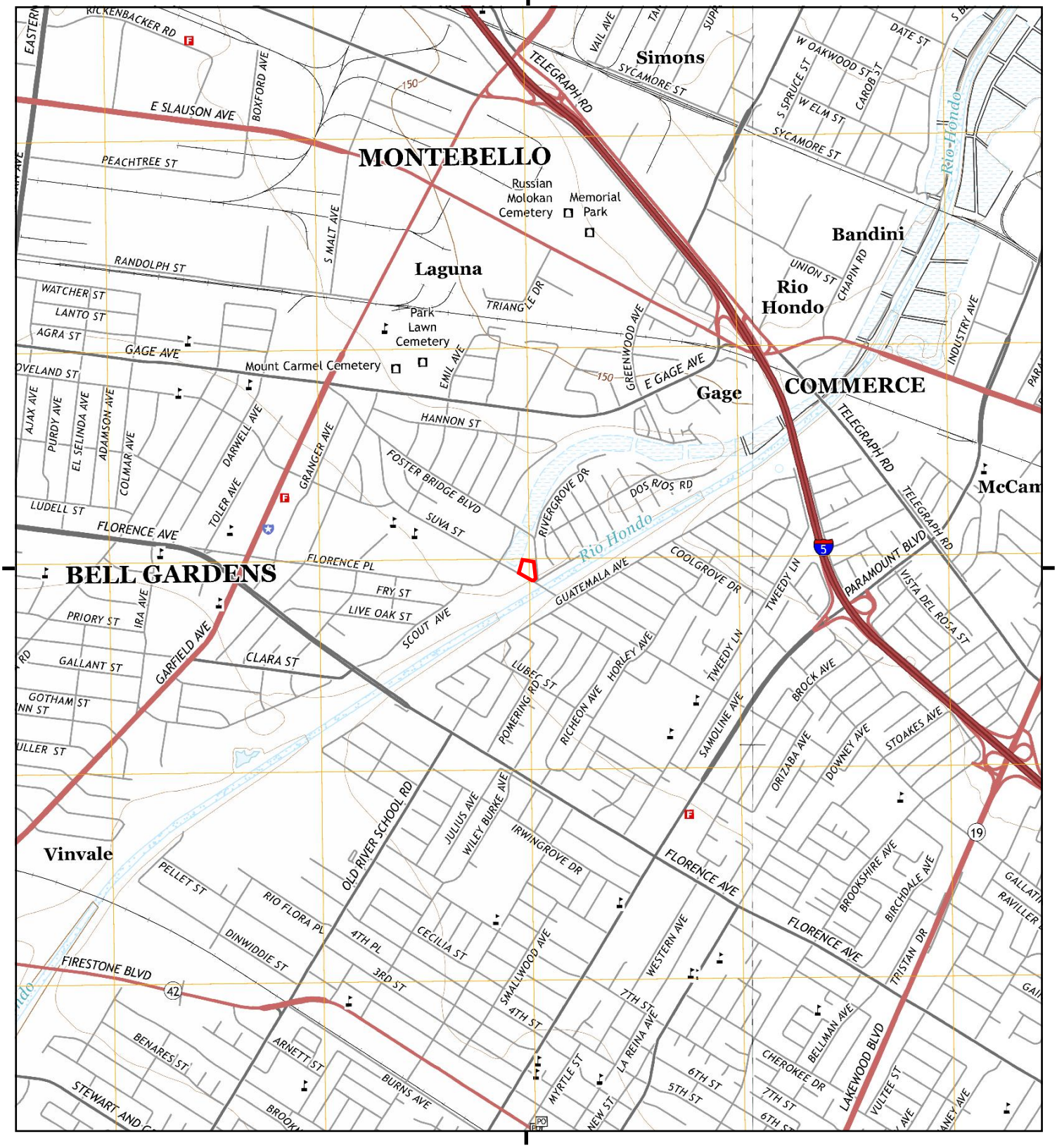
TP, South Gate, 2018, 7.5-minute
SE, Whittier, 2018, 7.5-minute

SITE NAME: 7360 Foster Bridge Blvd
ADDRESS: 7360 Foster Bridge Blvd
Downey, CA 90240
CLIENT: SCS Engineers

N

Historical Topo Map

2015



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

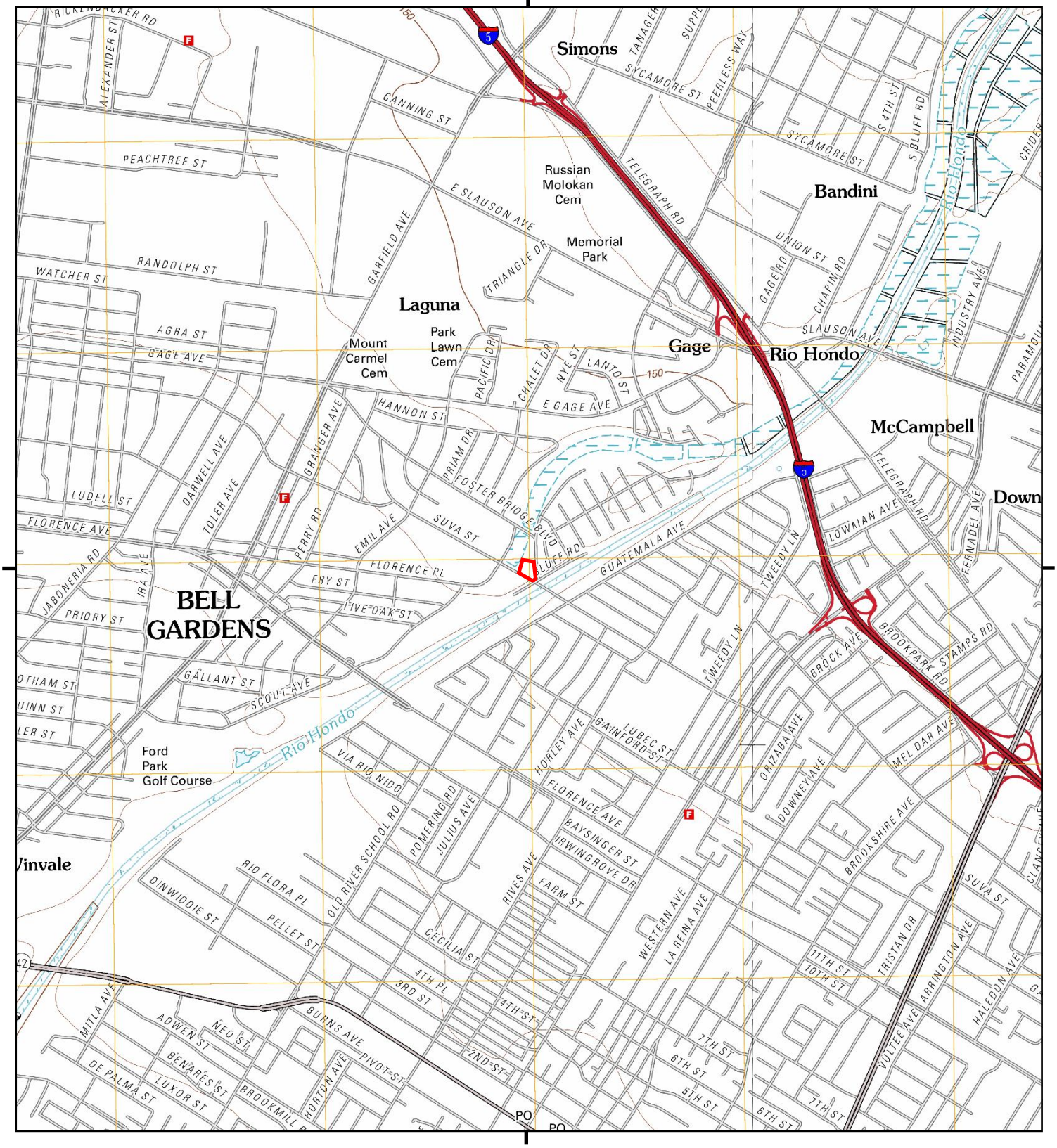
TP, South Gate, 2015, 7.5-minute
SE, Whittier, 2015, 7.5-minute

SITE NAME: 7360 Foster Bridge Blvd
ADDRESS: 7360 Foster Bridge Blvd
Downey, CA 90240
CLIENT: SCS Engineers

N

Historical Topo Map

2012



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

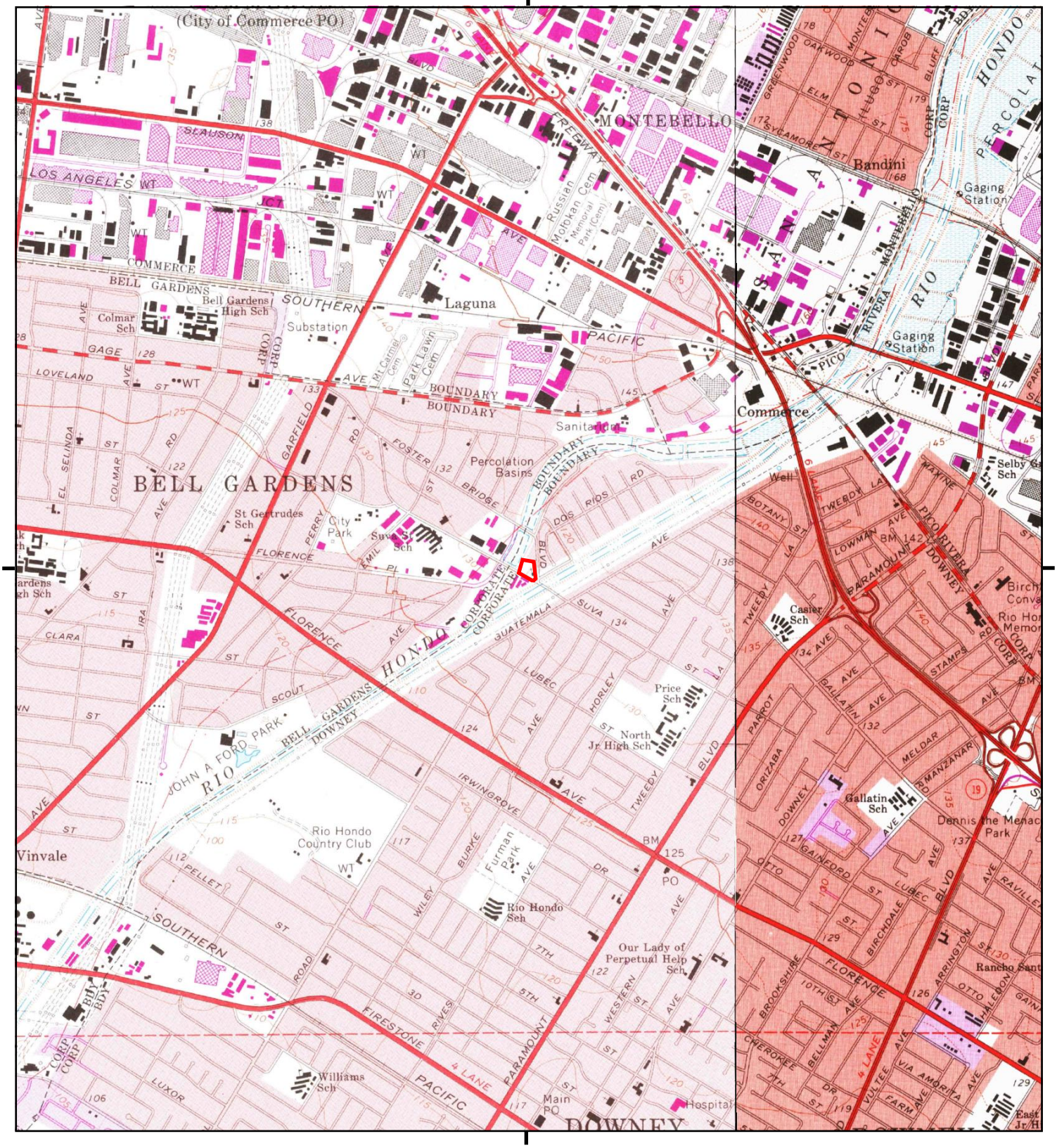
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, South Gate, 2012, 7.5-minute
SE, Whittier, 2012, 7.5-minute

SITE NAME: 7360 Foster Bridge Blvd
ADDRESS: 7360 Foster Bridge Blvd
Downey, CA 90240
CLIENT: SCS Engineers

N



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

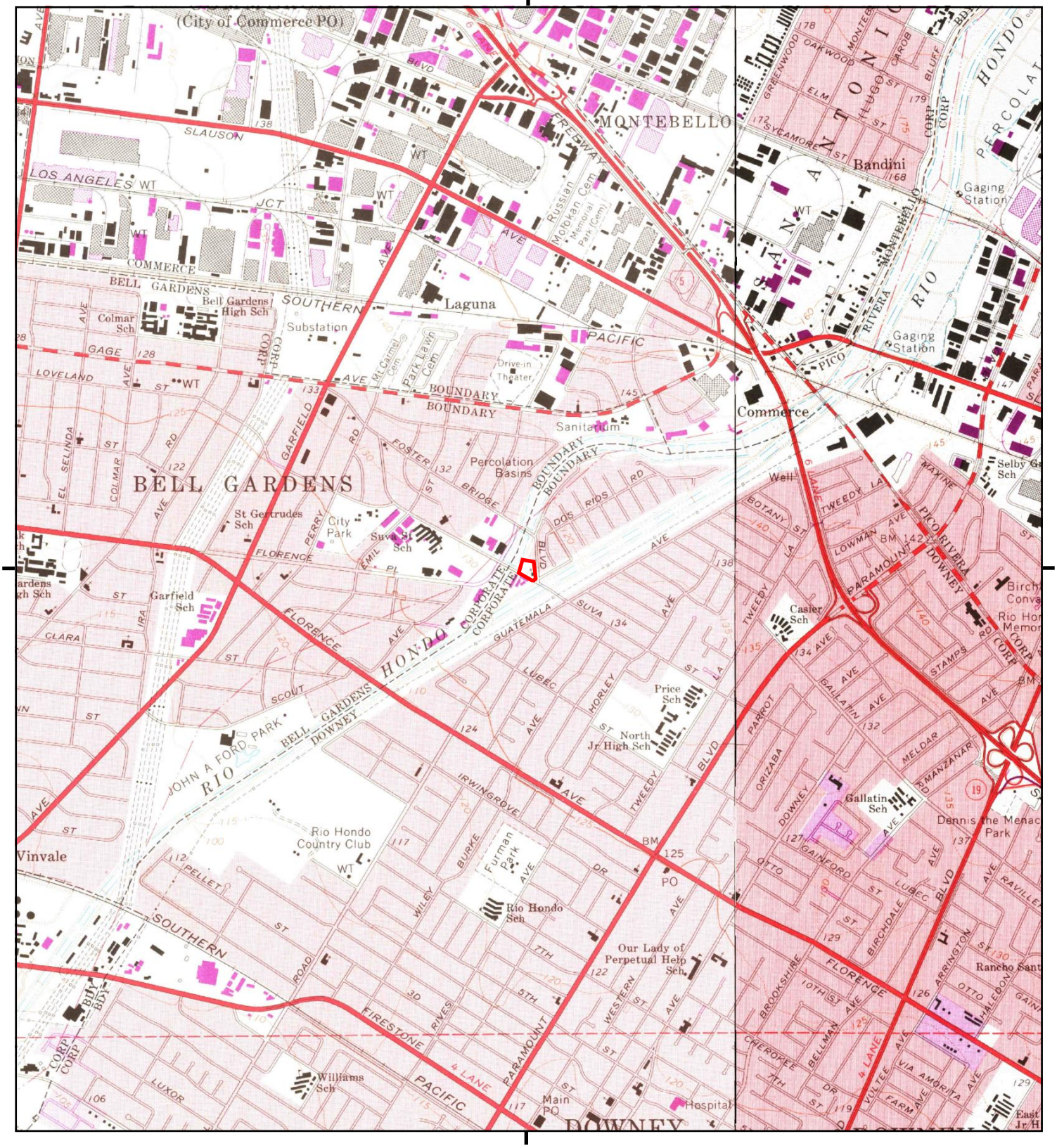
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, South Gate, 1981, 7.5-minute
SE, Whittier, 1981, 7.5-minute

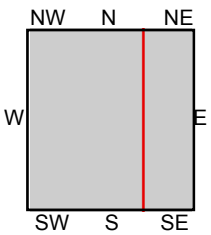
SITE NAME: 7360 Foster Bridge Blvd
ADDRESS: 7360 Foster Bridge Blvd
Downey, CA 90240
CLIENT: SCS Engineers

N



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

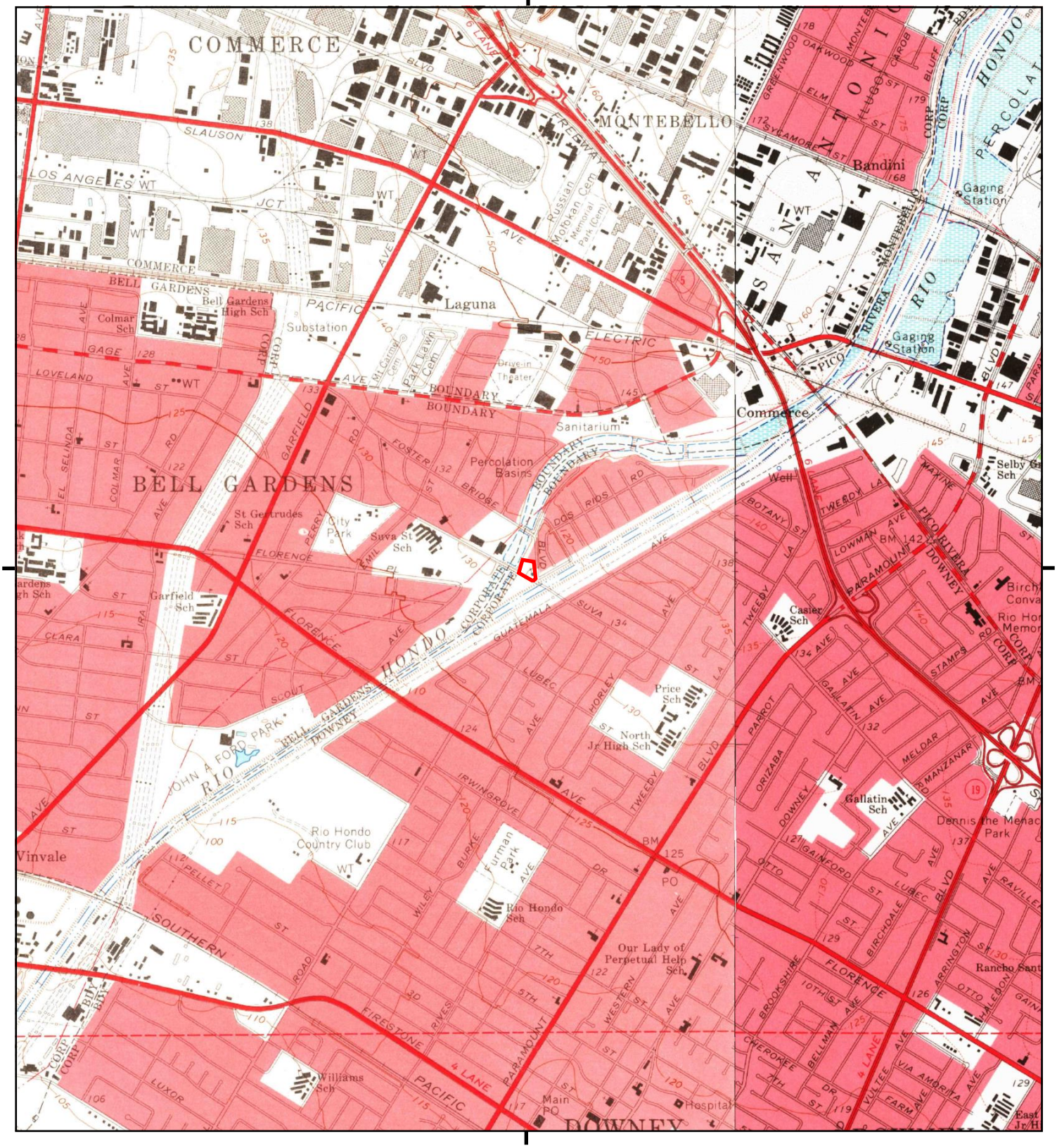
0 Miles 0.25 0.5 1 1.5



TP, South Gate, 1972, 7.5-minute
SE, Whittier, 1972, 7.5-minute

SITE NAME: 7360 Foster Bridge Blvd
ADDRESS: 7360 Foster Bridge Blvd
Downey, CA 90240
CLIENT: SCS Engineers

N



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

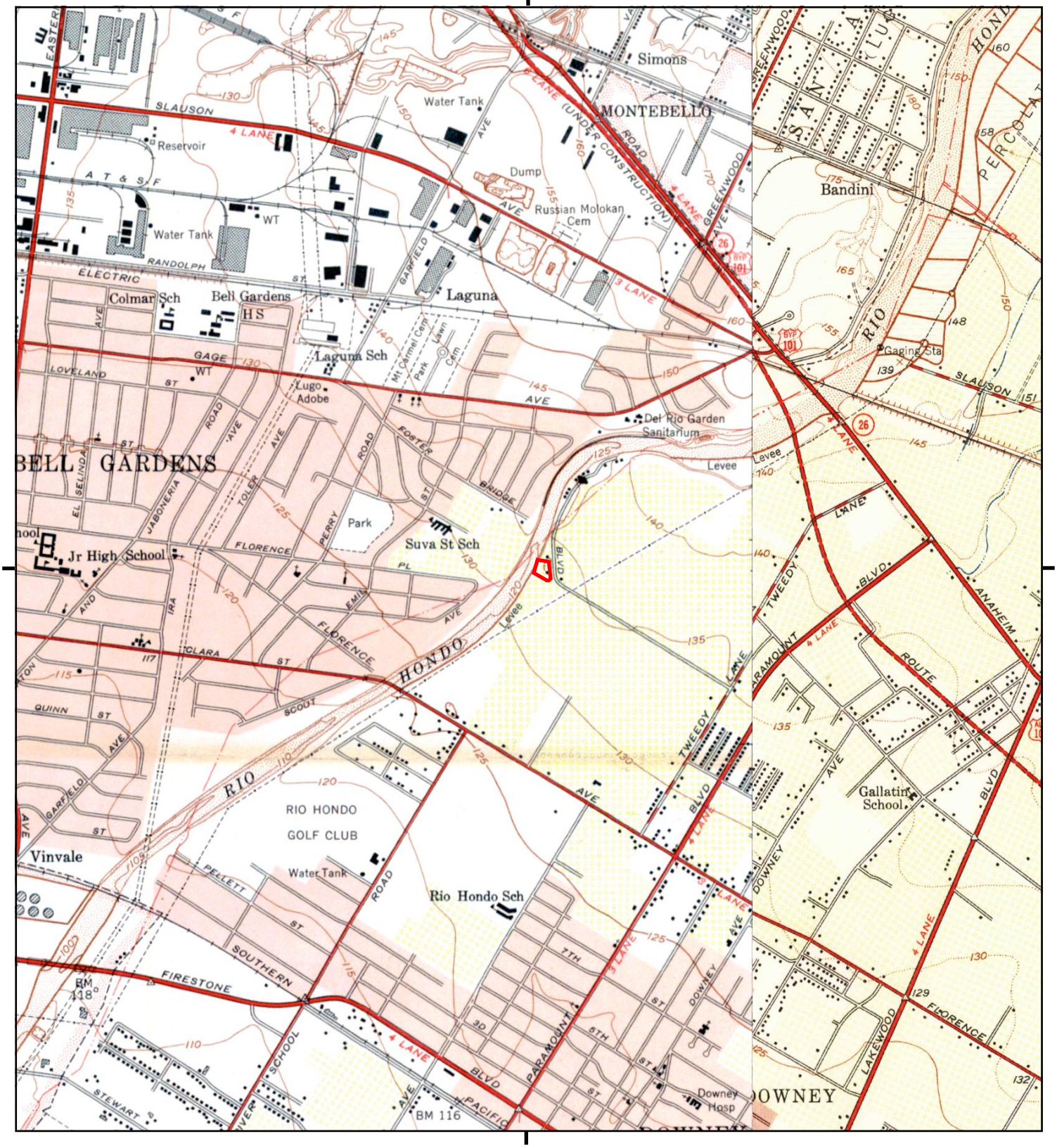
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, South Gate, 1964, 7.5-minute
SE, Whittier, 1965, 7.5-minute

SITE NAME: 7360 Foster Bridge Blvd
ADDRESS: 7360 Foster Bridge Blvd
Downey, CA 90240
CLIENT: SCS Engineers

N



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

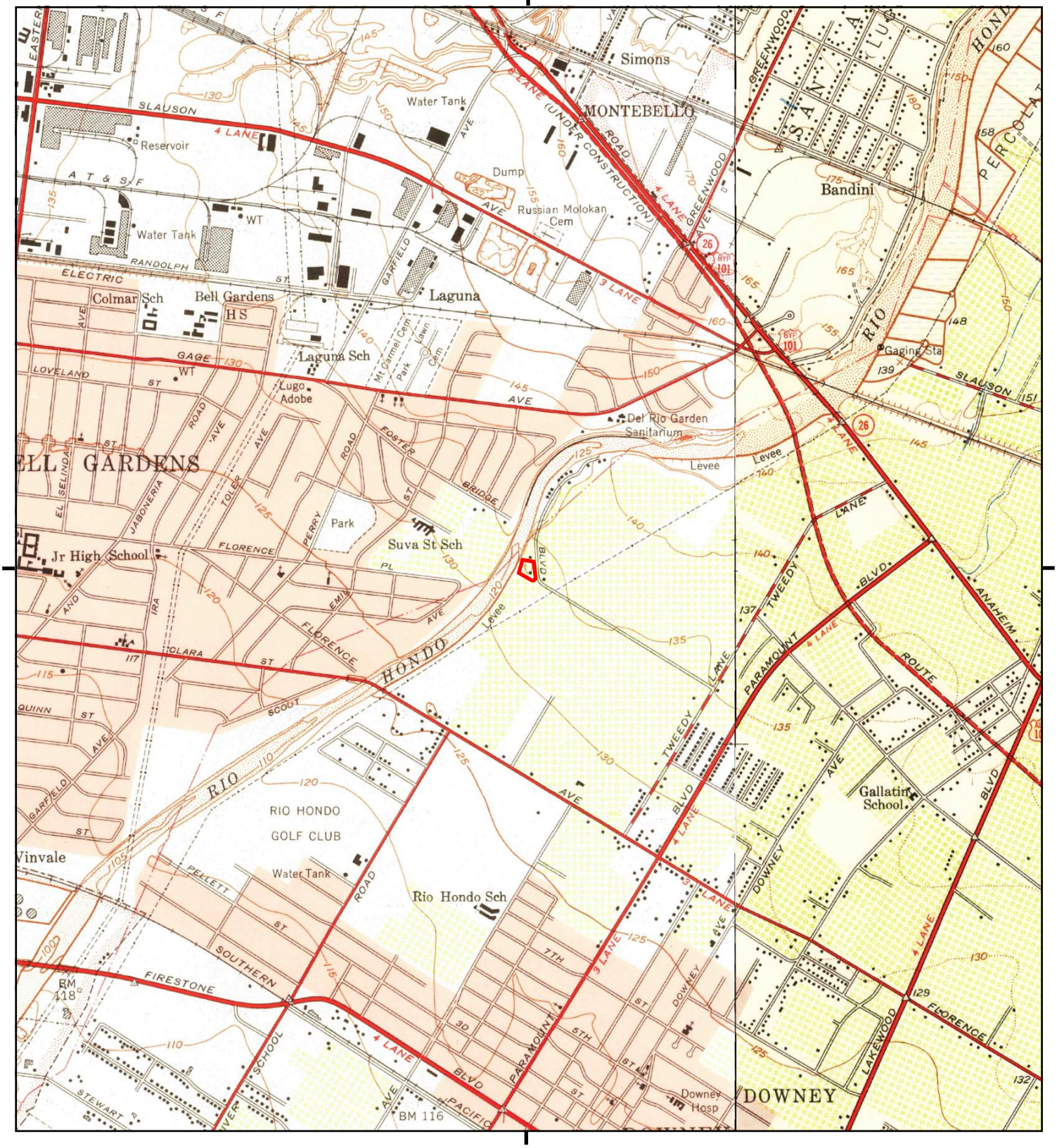
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, SOUTH GATE, 1952, 7.5-minute
SE, Whittier, 1951, 7.5-minute

SITE NAME: 7360 Foster Bridge Blvd
ADDRESS: 7360 Foster Bridge Blvd
Downey, CA 90240
CLIENT: SCS Engineers

N



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

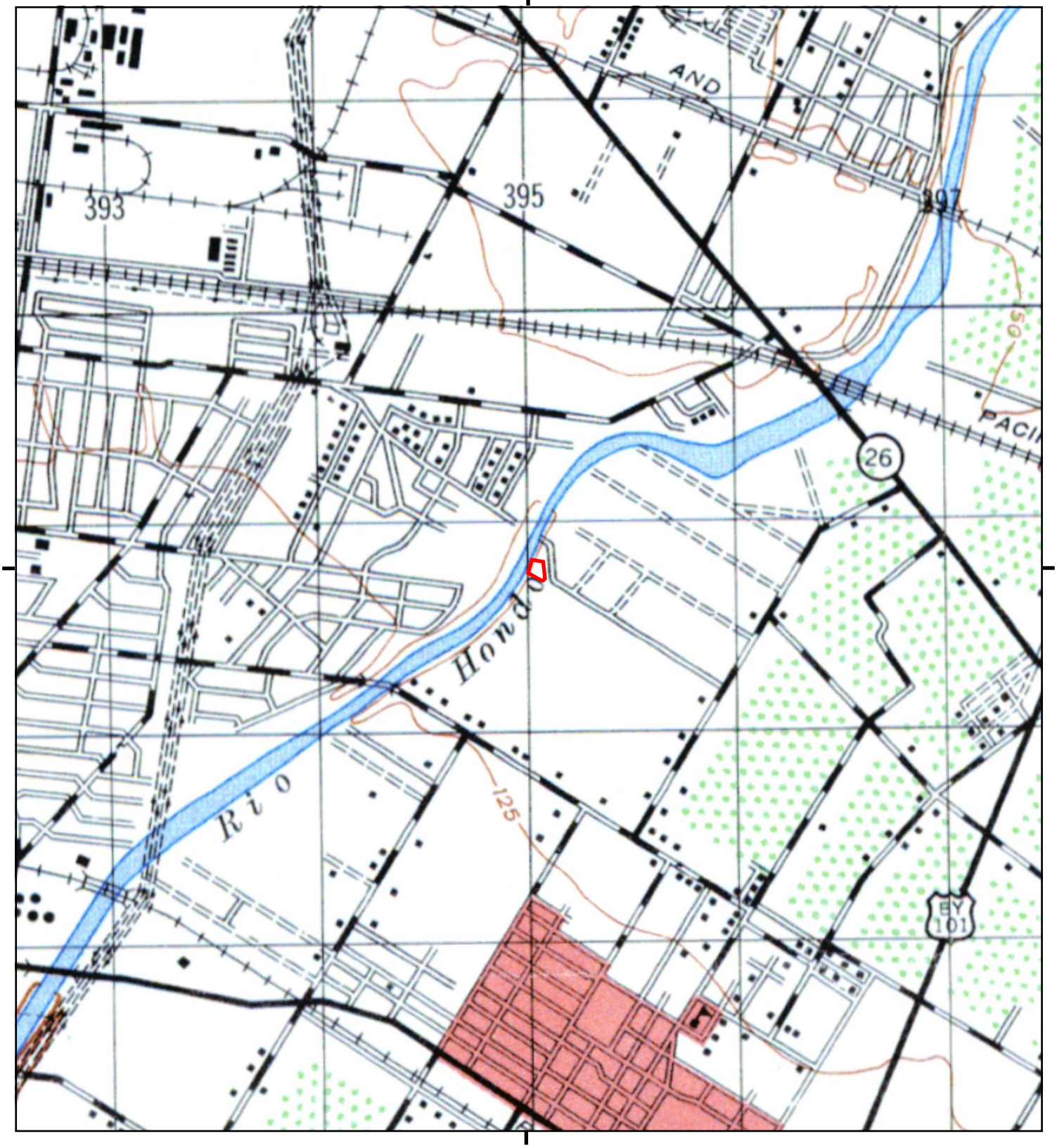
TP, South Gate, 1949, 7.5-minute
SE, Whittier, 1949, 7.5-minute

SITE NAME: 7360 Foster Bridge Blvd
ADDRESS: 7360 Foster Bridge Blvd
Downey, CA 90240
CLIENT: SCS Engineers

N

Historical Topo Map

1947



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

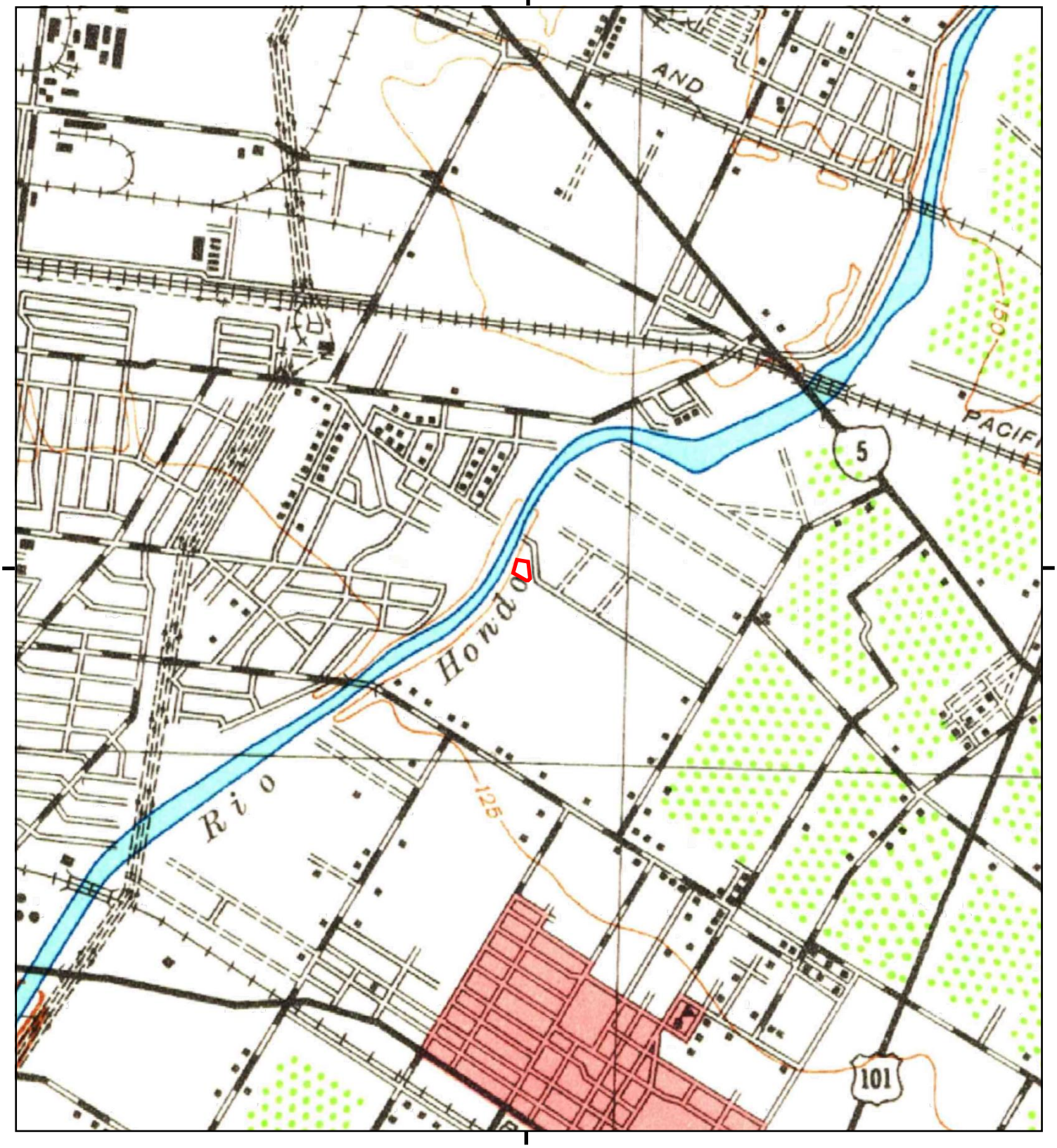
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, DOWNEY, 1947, 15-minute

SITE NAME: 7360 Foster Bridge Blvd
ADDRESS: 7360 Foster Bridge Blvd
Downey, CA 90240
CLIENT: SCS Engineers

N



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

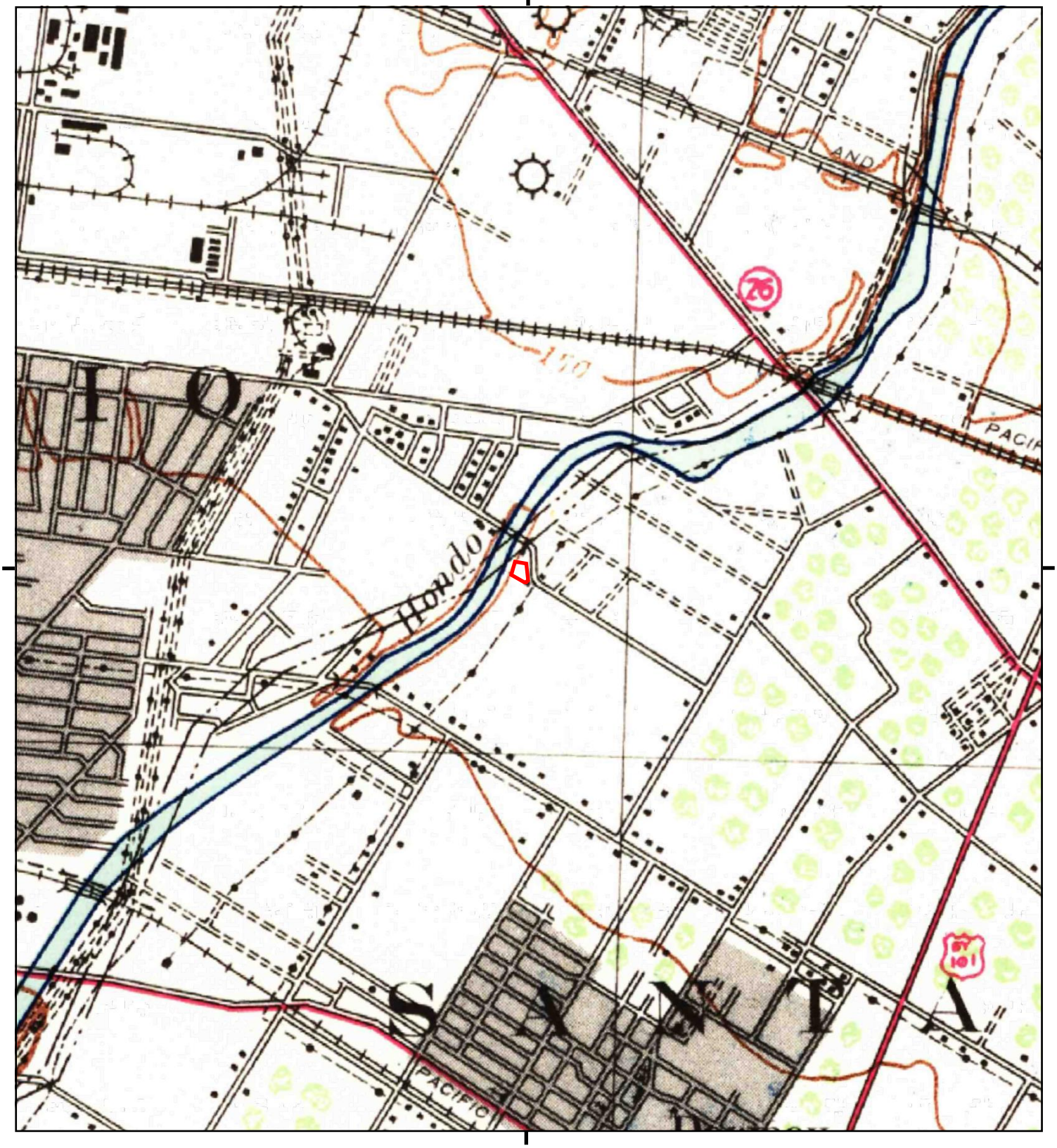
TP, Downey, 1943, 15-minute

SITE NAME: 7360 Foster Bridge Blvd
ADDRESS: 7360 Foster Bridge Blvd
Downey, CA 90240
CLIENT: SCS Engineers

N

Historical Topo Map

1942



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

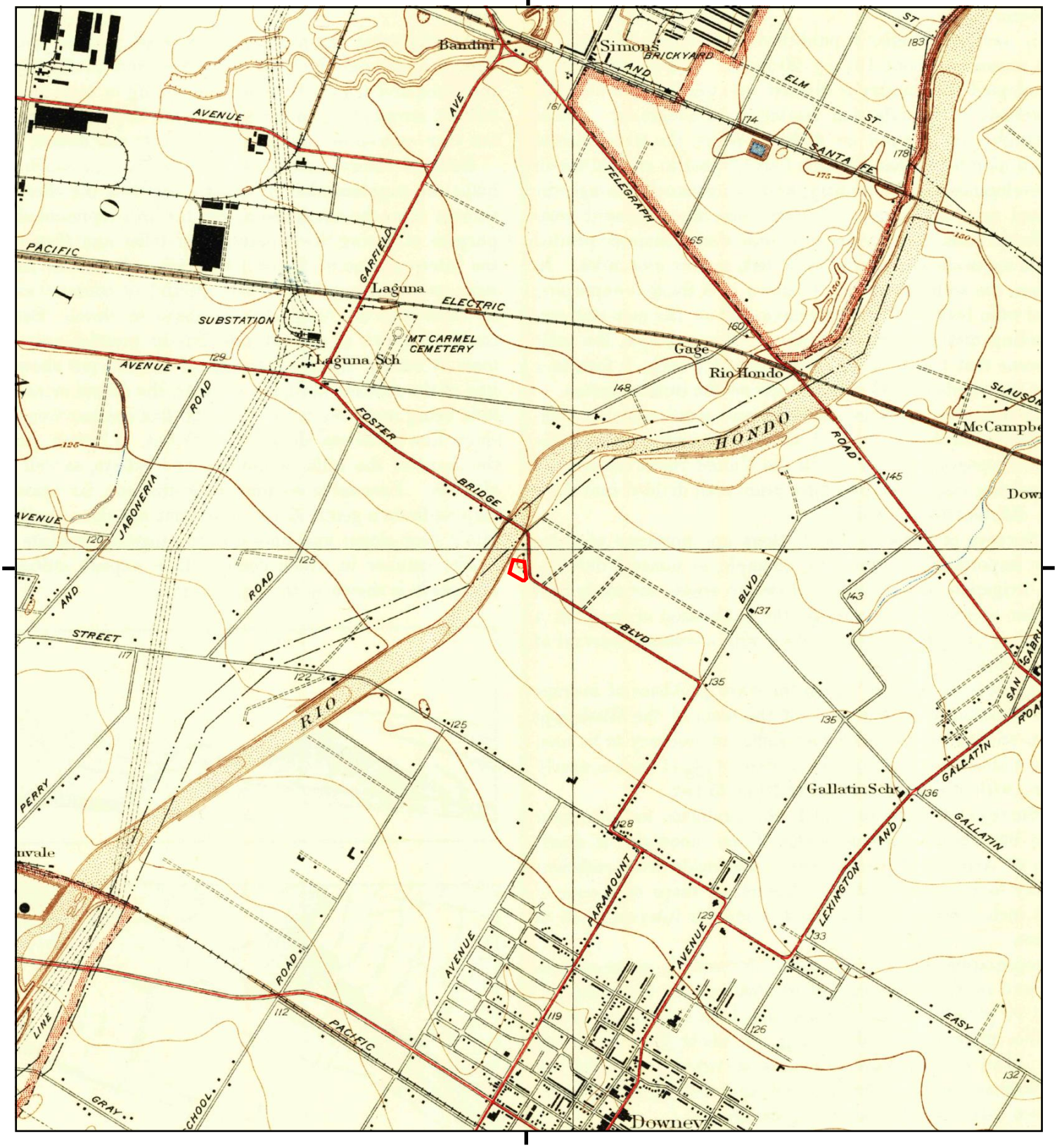
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Downey, 1942, 15-minute

SITE NAME: 7360 Foster Bridge Blvd
ADDRESS: 7360 Foster Bridge Blvd
Downey, CA 90240
CLIENT: SCS Engineers

N



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

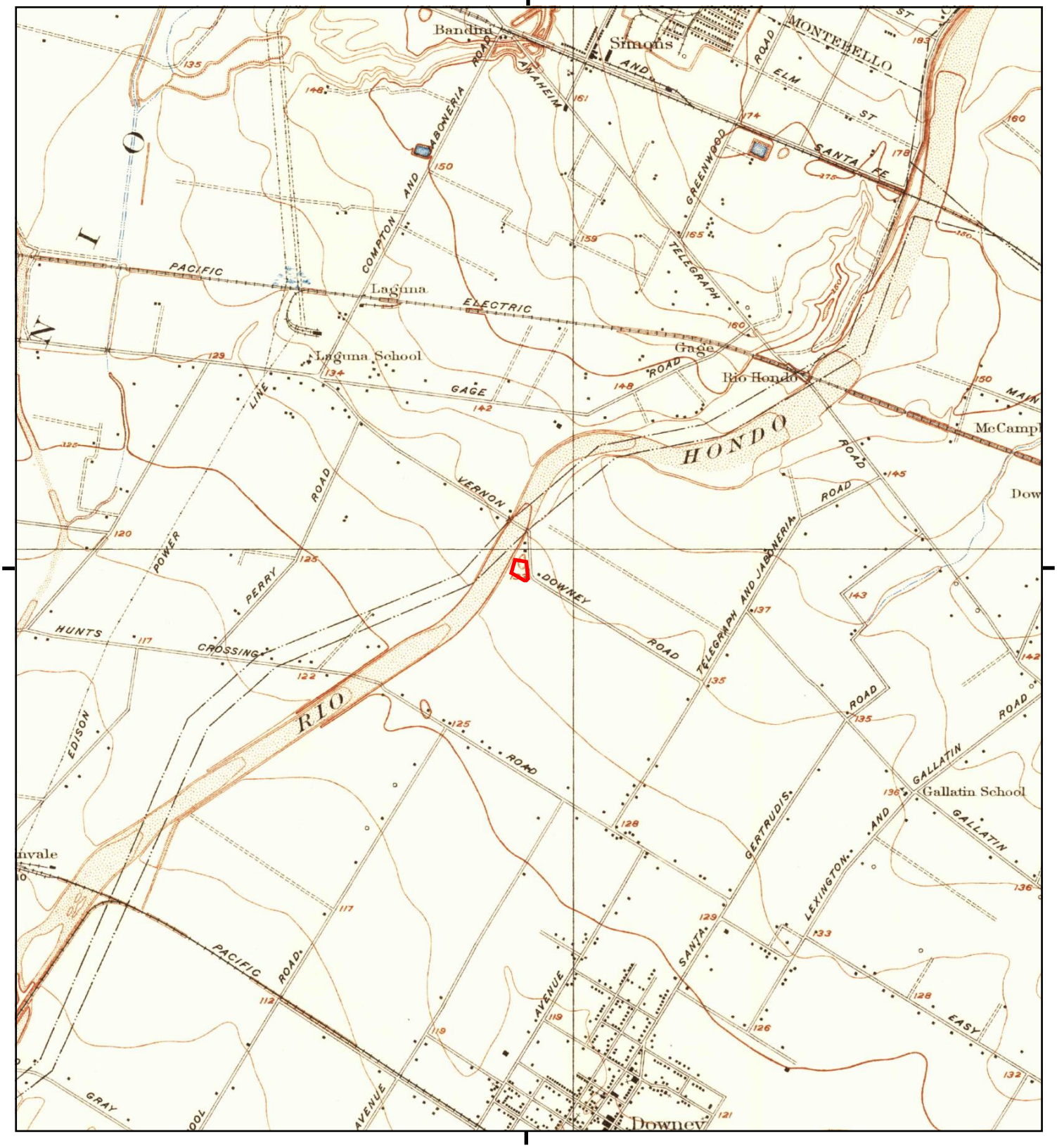
TP, Bell, 1936, 7.5-minute

SITE NAME: 7360 Foster Bridge Blvd
ADDRESS: 7360 Foster Bridge Blvd
Downey, CA 90240
CLIENT: SCS Engineers

N

Historical Topo Map

1925



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

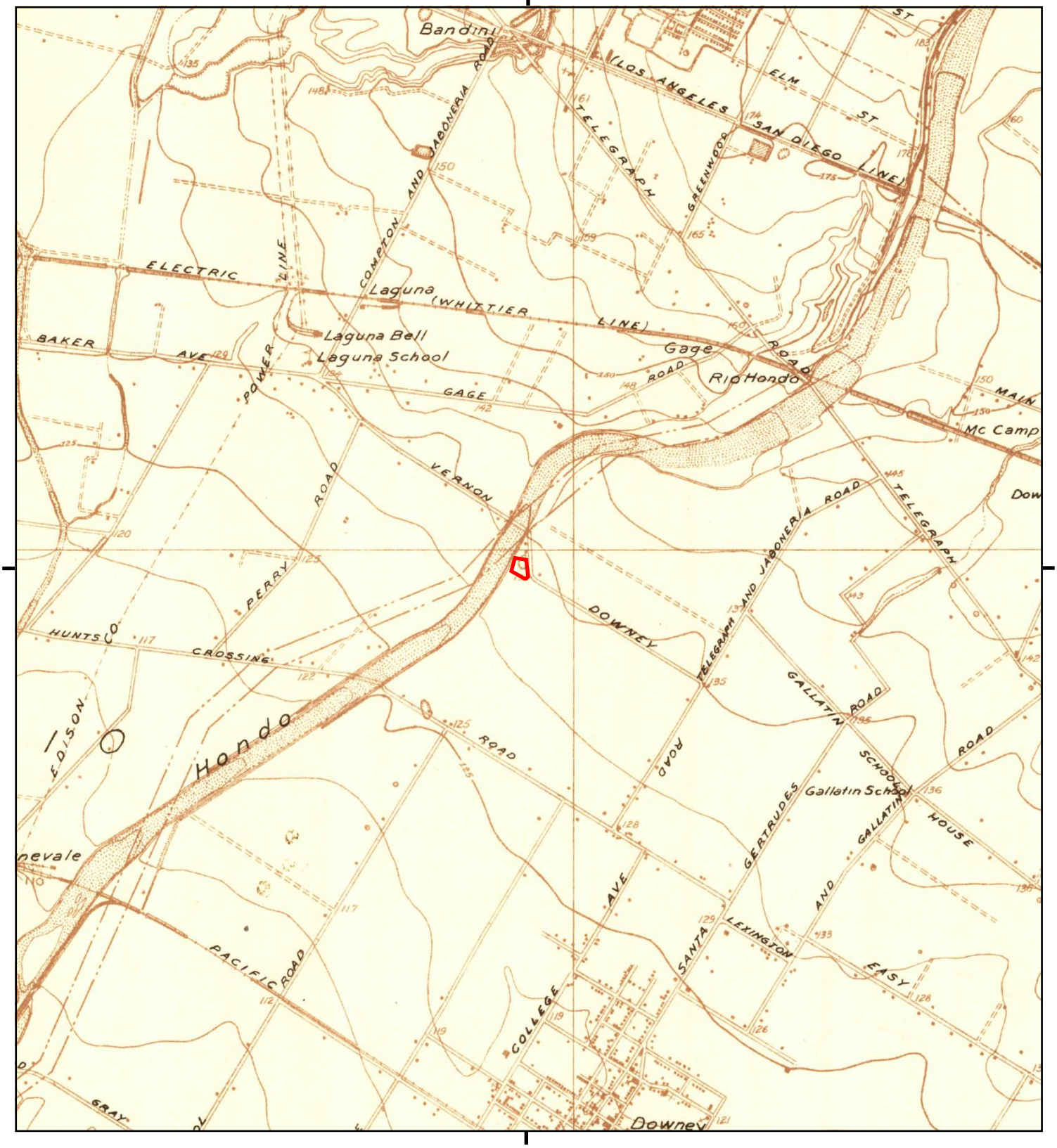
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Bell, 1925, 7.5-minute

SITE NAME: 7360 Foster Bridge Blvd
ADDRESS: 7360 Foster Bridge Blvd
Downey, CA 90240
CLIENT: SCS Engineers

N



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

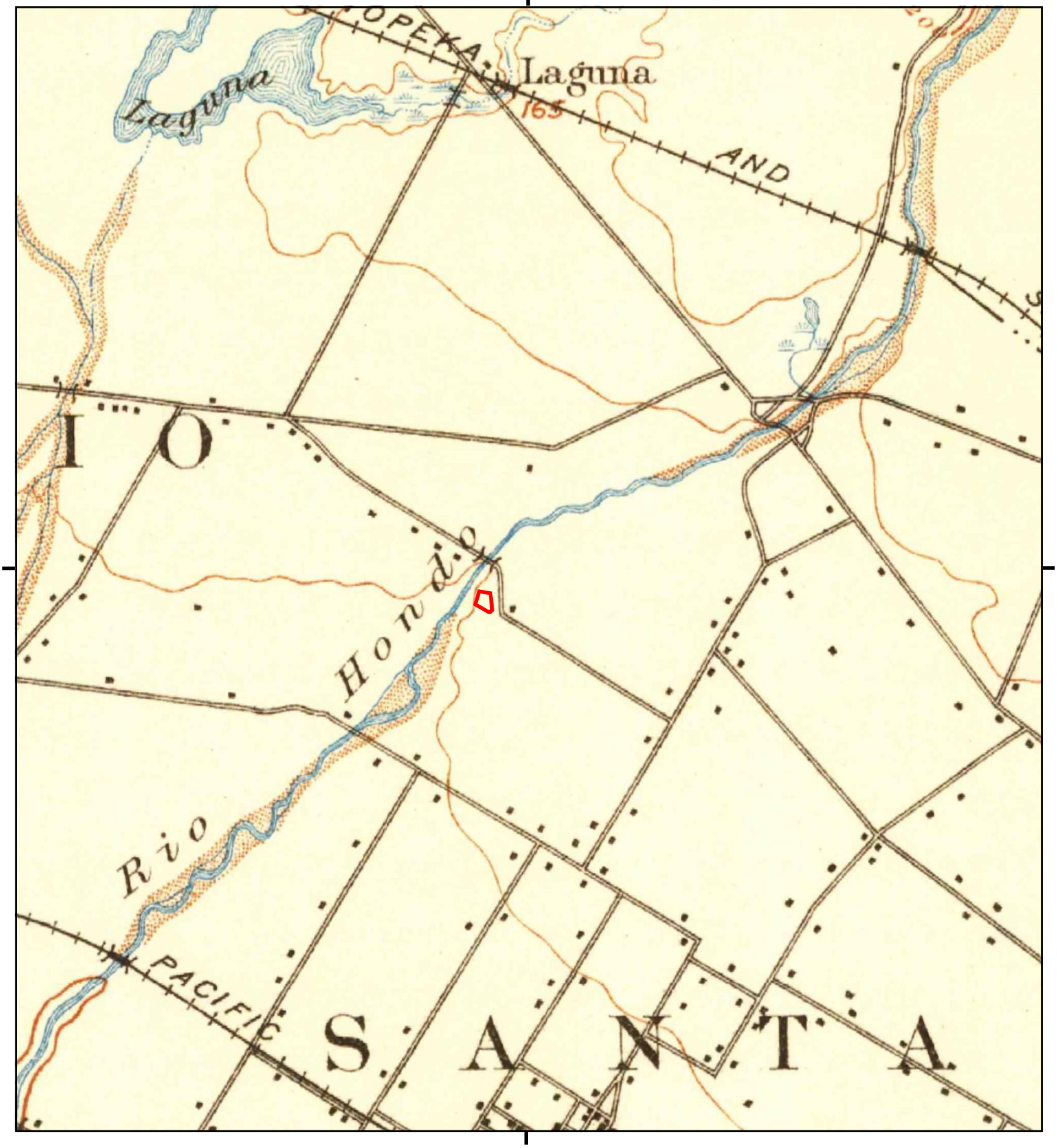
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Bell, 1923, 7.5-minute

SITE NAME: 7360 Foster Bridge Blvd
ADDRESS: 7360 Foster Bridge Blvd
Downey, CA 90240
CLIENT: SCS Engineers

N



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Downey, 1902, 15-minute

SITE NAME: 7360 Foster Bridge Blvd
ADDRESS: 7360 Foster Bridge Blvd
Downey, CA 90240
CLIENT: SCS Engineers

N

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

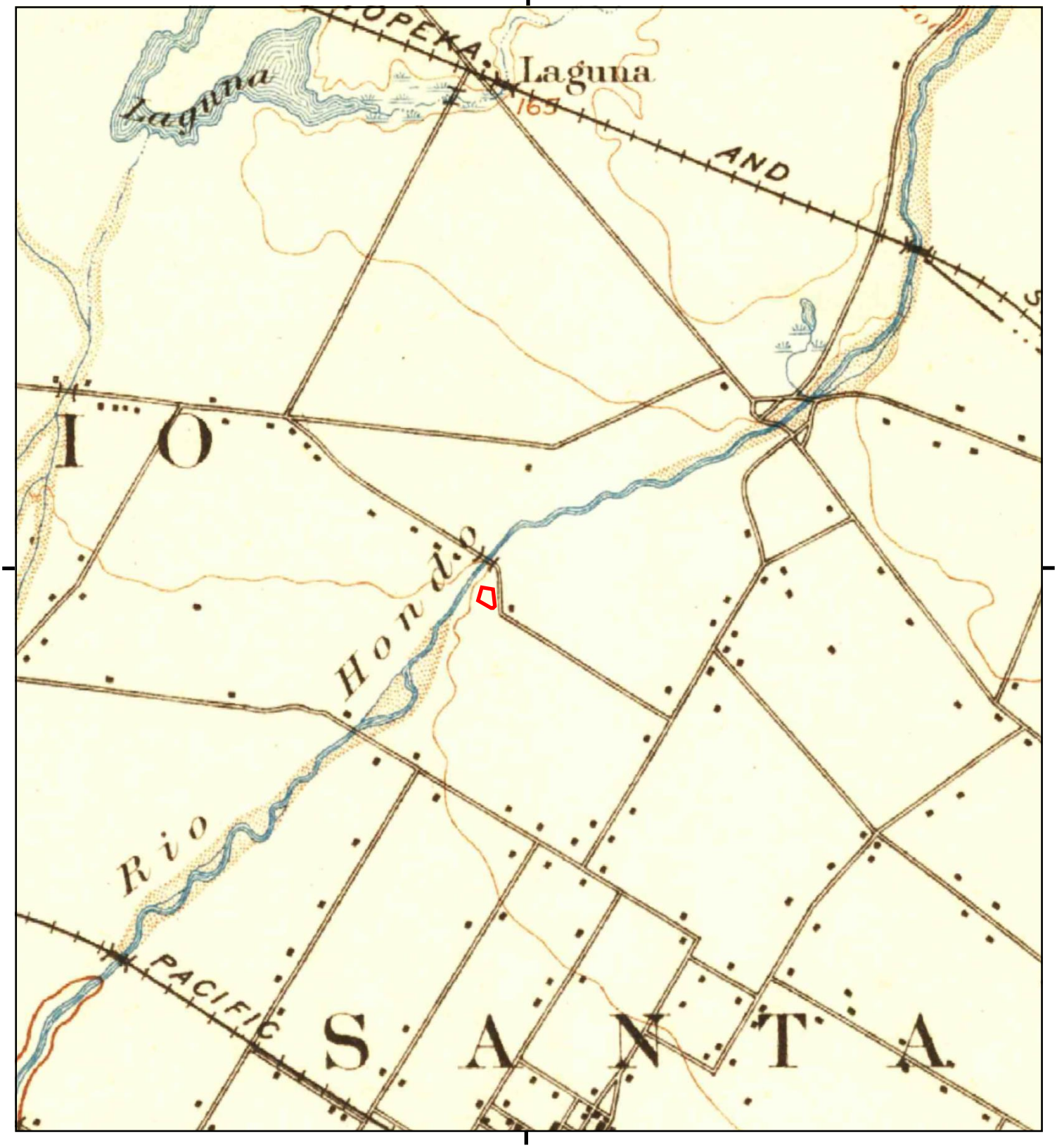
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Downey, 1899, 15-minute

SITE NAME: 7360 Foster Bridge Blvd
ADDRESS: 7360 Foster Bridge Blvd
Downey, CA 90240
CLIENT: SCS Engineers

N



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Downey, 1896, 15-minute

SITE NAME: 7360 Foster Bridge Blvd
ADDRESS: 7360 Foster Bridge Blvd
Downey, CA 90240
CLIENT: SCS Engineers

N

7360 Foster Bridge Blvd

7360 Foster Bridge Blvd

Downey, CA 90240

Inquiry Number: 7155128.3

October 20, 2022

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

10/20/22

Site Name:	Client Name:
7360 Foster Bridge Blvd	SCS Engineers
7360 Foster Bridge Blvd	3900 Kilroy Airport Way
Downey, CA 90240	Long Beach, CA 90806
EDR Inquiry # 7155128.3	Contact: Gloria Barrientos

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

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

Certified Sanborn Results:

Certification # 735D-4737-8358

PO # NA

Project 01222267.00

UNMAPPED PROPERTY

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

Sanborn® Library search results

Certification #: 735D-4737-8358

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

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

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

SCS Engineers (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

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

Copyright 2022 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

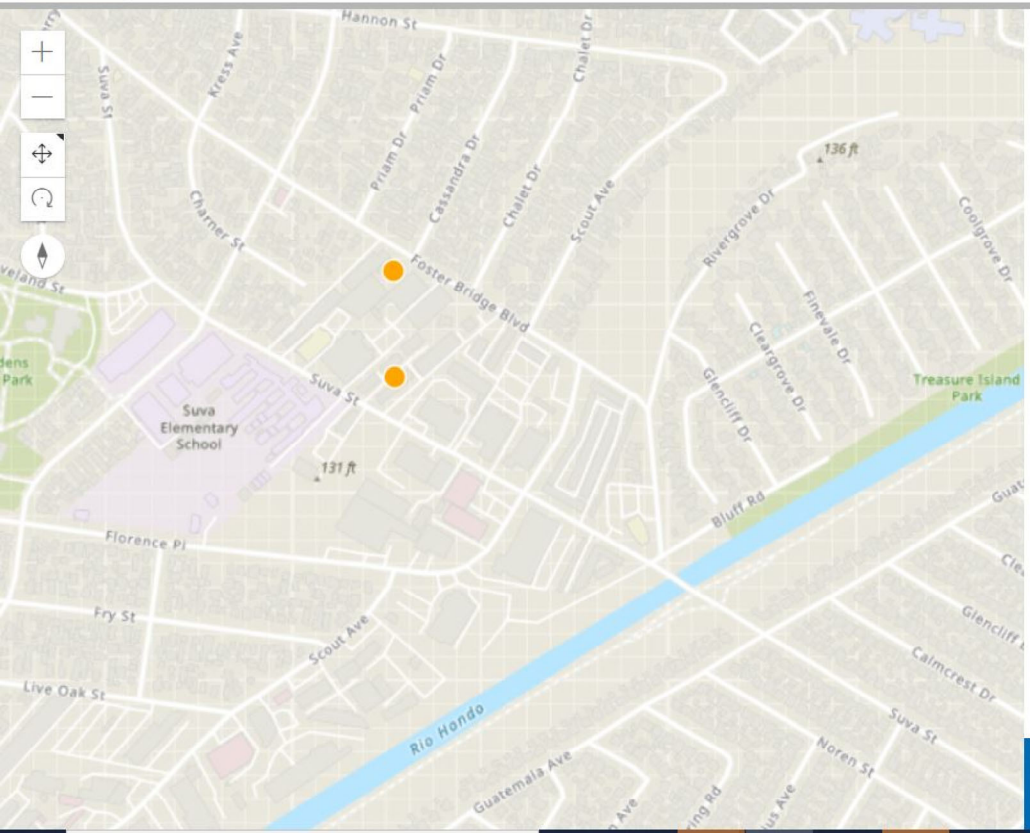
Appendix D

Regulatory Agency Review Information

South Coast AQMD

Facility INformation Detail (F.I.N.D.)

Select Search Type: Find a Facility | Name | Street: Foster Bridge | City | Zip | RECLAIM | TITLE V | SEARCH



SEARCH RESULTS

3 Results

Street: foster bridge

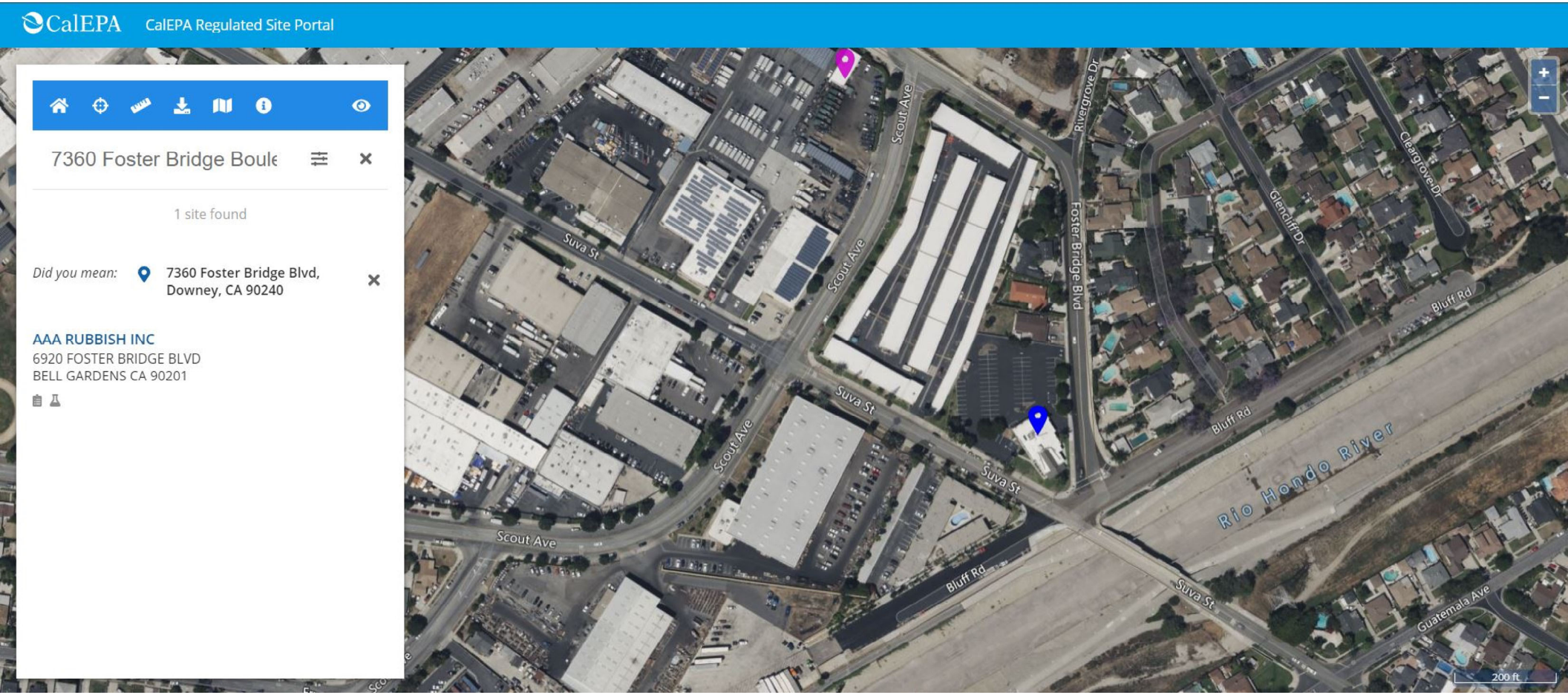
Sort: Status

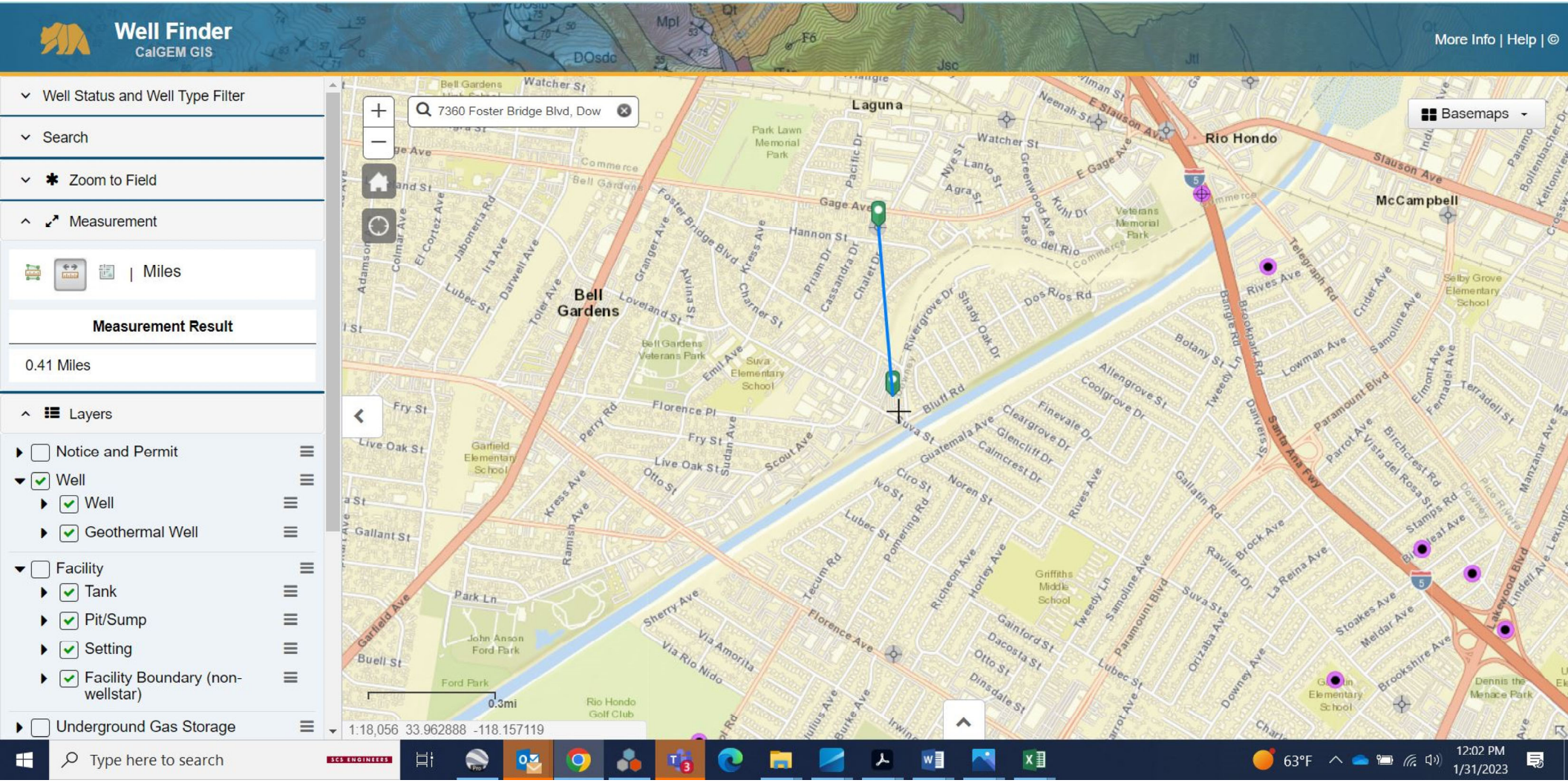
16448
Facility Name SUGDEN ENGINEERING CO
Facility Address: 6832 FOSTER BRIDGE BLVD, BELL GARDENS, CA 90202
Status: ACTIVE

129965
Facility Name ENTERPRISE POWDER COATINGS INC
Facility Address: 6760 FOSTER BRIDGE BLVD, BELL GARDENS, CA 90201
Status: ACTIVE

30256
Facility Name KELBEY CONSTRUCTION
Facility Address: 6920 FOSTER BRIDGE BLVD, BELL GARDENS, CA 90201

Export all records to Excel


CalEPA
CalEPA Regulated Site Portal
7360 Foster Bridge Boule
1 site found
Did you mean:
7360 Foster Bridge Blvd,
Downey, CA 90240
AAA RUBBISH INC
6920 FOSTER BRIDGE BLVD
BELL GARDENS CA 90201
Scout Ave
Suva St
Foster Bridge Blvd
Rivergrove Dr
Glencliff Dr
Cleargrove Dr
Bluff Rd
Rio Hondo River
Guatemala Ave
200 ft


Well Finder
CalGEM GIS
More Info | Help | ©
Well Status and Well Type Filter
Search
Zoom to Field
Measurement
Miles
Measurement Result
0.41 Miles
Layers
Notice and Permit
Well
Well
Geothermal Well
Facility
Tank
Pit/Sump
Setting
Facility Boundary (non-wellstar)
Underground Gas Storage
7360 Foster Bridge Blvd, Dow
Basemaps
Laguna
Rio Hondo
McCampbell
Bell Gardens
Park Lawn Memorial Park
Bell Gardens Veterans Park
Suva Elementary School
Garfield Elementary School
John Anson Ford Park
Ford Park
Rio Hondo Golf Club
Griffiths Middle School
Selby Grove Elementary School
Dennis the Menace Park
Gallatin Elementary School
Watcher St
Gage Ave
Hannon St
Florence Pl
Fry St
Live Oak St
Otto St
Scout Ave
Bluff Rd
Suva St
Guatemala Ave
Noren St
Rives Ave
Paramount Blvd
Santa Ana Fwy
Lakewood Blvd
Garfield Ave
Park Ln
Buell St
Sherry Ave
Via Amorita
Via Rio Nido
Florence Ave
Tecum Rd
Lubec St
Pomering Rd
Richeon Ave
Horley Ave
Gainford St
Dacosta St
Otto St
Dinsdale St
Tweedy Ln
Samoline Ave
Paramount Blvd
Suva St
Orizaba Ave
Downey Ave
Brookshire Ave
Meldar Ave
Stoakes Ave
Brock Ave
La Reina Ave
Raviller Dr
Gallatin Rd
Rives Ave
Botany St
Allengrove St
Coolgrove Dr
Finevale Dr
Cleargrove Dr
Glencliff Dr
Calmcrest Dr
Ivo St
Ciro St
Lubec St
Pomering Rd
Tweedy Ln
Samoline Ave
Paramount Blvd
Lowman Ave
Samoline Ave
Crider Ave
Telegraph Rd
Rives Ave
Brookpark Rd
Bangle Rd
Tweedy Ln
Danvers St
Parrot Ave
Vista del Rosa St
Birchcrest Rd
Stamps Rd
Elmont Ave
Fernadel Ave
Terradell St
Manzanar Ave
Lindell Ave
Lexington
Dos Rios Rd
Shady Oak Dr
Rivergrove Dr
Paseo del Rio
Kuhl Dr
Greenwood Ave
Nye St
Lanto St
Agra St
Pacific Dr
Cassandra Dr
Priam Dr
Chalet Dr
Kress Ave
Charner St
Alvina St
Granger Ave
Loveland St
Foster Bridge Blvd
Toler Ave
Darwell Ave
Ira Ave
Jaboneria Rd
El Cortez Ave
Colmar Ave
Adamson
Commerce
Bell Gardens
Watcher St
Neenah St
E Slauson Ave
Slauson Ave
Pico Rivera
Downey
Park Lawn Memorial Park
Veterans Memorial Park
Garfield Elementary School
Griffiths Middle School
Dennis the Menace Park
Gallatin Elementary School
Rio Hondo Golf Club
0.3mi
1:18,056 33.962888 -118.157119
Type here to search
63°F
12:02 PM
1/31/2023

Yana Garcia
Secretary for
Environmental Protection

Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Gavin Newsom
Governor

Facility Search Results

Selection Criteria:

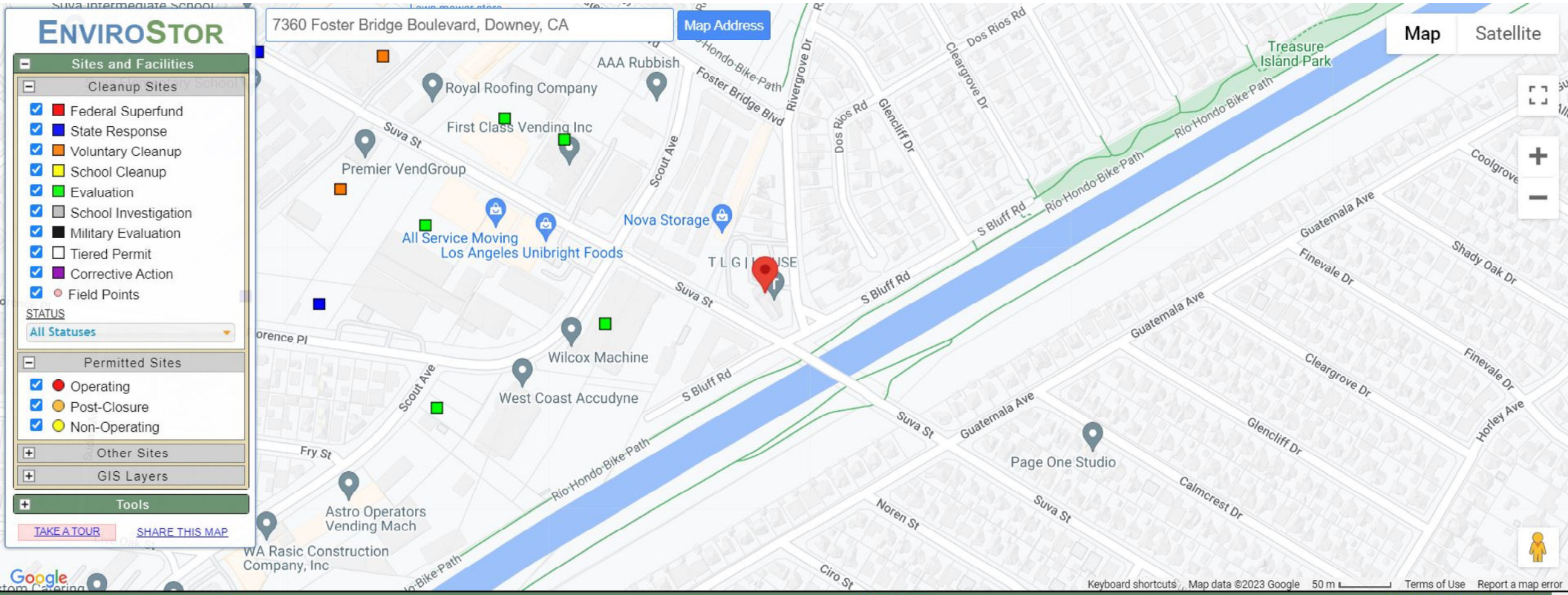
Facility:
Search on: Physical Address
Street: Foster Bridge
Status: Active and Inactive
Sort Direction: asc
Sorted By: EPA ID
Records Found: 11

EPA ID Number	Name	Address	City	Zip
CAC000112877	1X SUDGEN ENGINEERING	6832 FOSTER BRIDGE	BELL GARDENS	902010000
CAC000214305	1X KELBY CONSTRUCTION	6920 FOSTER BRIDGE BLVD.	BELL GARDENS	902010000
CAC000636856	1X CITY OF BELL GARDENS/REDEV AGENCY	6481 FOSTER BRIDGE_BLVD	BELL GARDENS	902010000
CAC000736784	FLORALAND ASSOCIATES	6748 FOSTER BRIDGE RD	BELL GARDENS	902010000
CAC001238520	JUAN/LUCY SANCHEZ	6645 FOSTER BRIDGE BLVD #E	BELL GARDENS	902010000
CAD000323287	1X SUGDEN ENG CO	6832 FOSTER BRIDGE BLVD	BELL GARDENS	902010000
CAL000071754	J&C ELECTRIC	6433 FOSTER BRIDGE	BELL GARDENS	902010000
CAL000283405	MID-CITIES PAPER BOX CO INC	6814 FOSTER BRIDGE	BELL GARDENS	90201
CAL000288498	AAA RUBBISH INC	6920 FOSTER BRIDGE BLVD	BELL GARDENS	90201

CAL000451389	JJ TIRES AND ROAD SUPPORT LLC	6814 FOSTER BRIDGE BLVD STE 200	BELL GARDENS	90201
CAL000466490	LEWIS INDUSTRIES DBA MCLANE MANUFATURING	6814 FOSTER BRIDGE BLVD	BELL GARDENS	90201

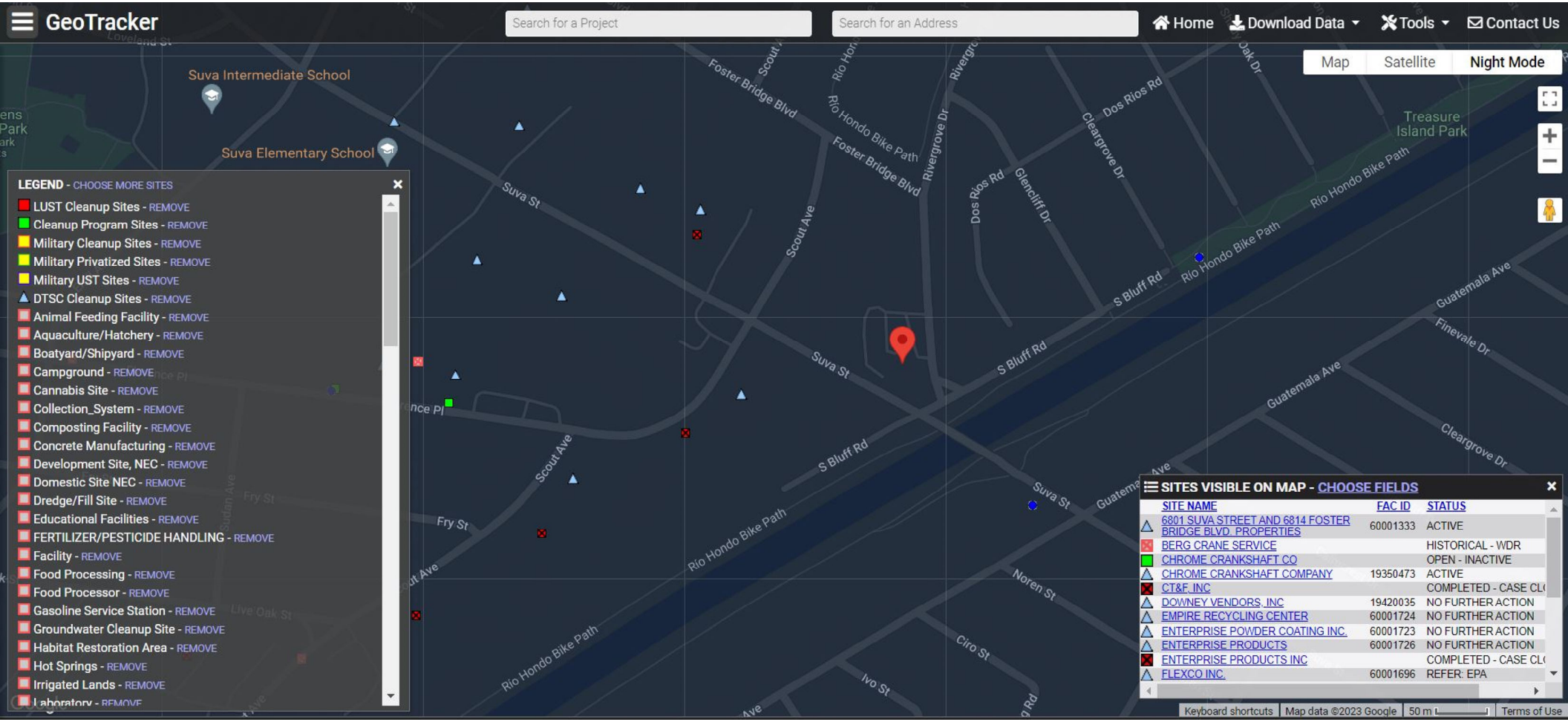
The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

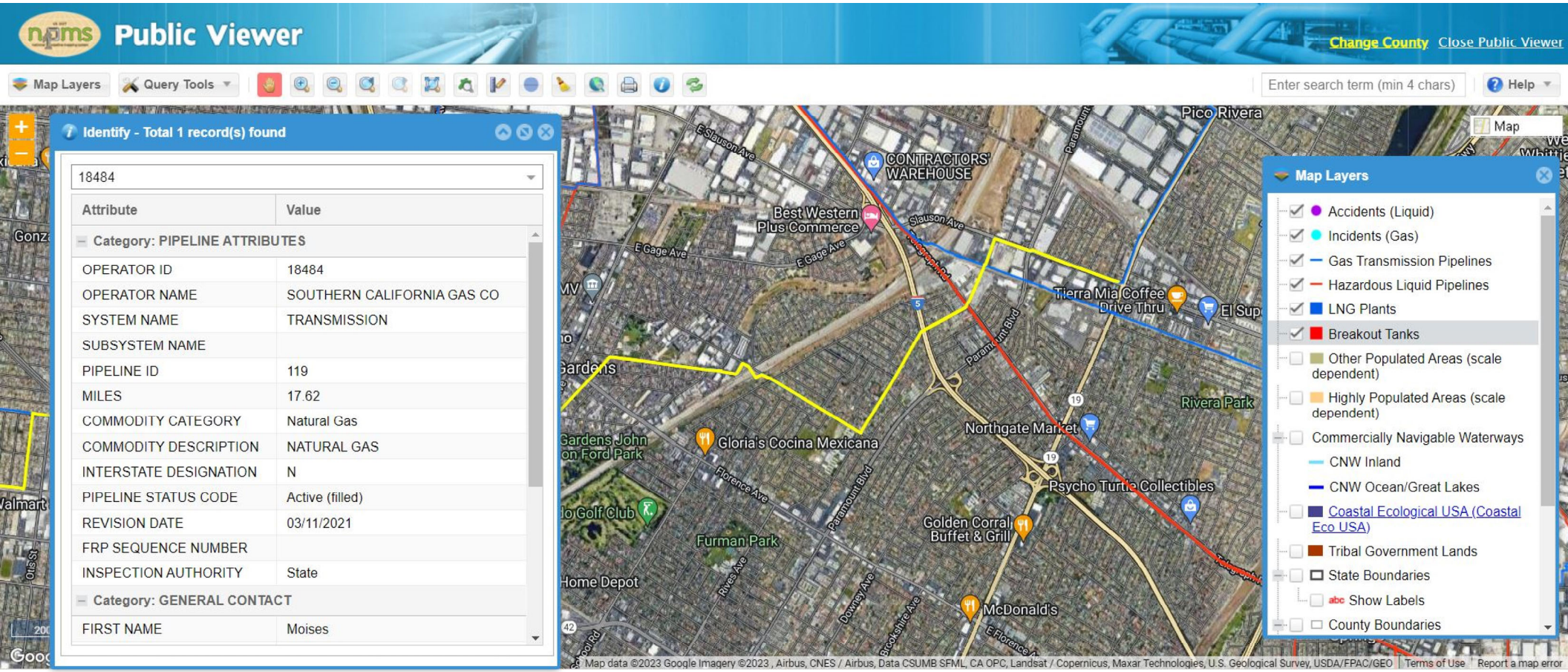
Report Generation Date: 01/31/2023



SITES CURRENTLY VISIBLE ON MAP — 10 SITES LISTED — EXPORT THIS LIST TO EXCEL

PROJECT NAME	STATUS	PROJECT TYPE	ADDRESS	CITY
6801 SUVA STREET AND 6814 FOSTER BRIDGE BLVD. PROPERTIES	ACTIVE	VOLUNTARY CLEANUP	6801 SUVA STREET AND 6814 FOSTER BRIDGE BLVD.	BELL GARDENS
CHROME CRANKSHAFT COMPANY	ACTIVE	STATE RESPONSE	6845 FLORENCE PL	BELL GARDENS
DOWNEY VENDORS, INC	NO FURTHER ACTION	VOLUNTARY CLEANUP	6814 SUVA STREET	BELL GARDENS
EMPIRE RECYCLING CENTER	NO FURTHER ACTION	EVALUATION	7214 SCOUT AVENUE	BELL GARDENS
ENTERPRISE POWDER COATING INC.	NO FURTHER ACTION	EVALUATION	6840 SUVA STREET	BELL GARDENS
ENTERPRISE PRODUCTS	NO FURTHER ACTION	EVALUATION	6875 SUVA STREET	BELL GARDENS
FLEXCO INC.	REFER: EPA	EVALUATION	6855 SUVA STREET	BELL GARDENS


GeoTracker
Search for a Project
Search for an Address
Home
Download Data
Tools
Contact Us
Map
Satellite
Night Mode
Suva Intermediate School
Suva Elementary School
Treasure Island Park
Foster Bridge Blvd
Rio Hondo Bike Path
Rivergrove Dr
Dos Rios Rd
Cleargrove Dr
Glencliff Dr
Scout Ave
Suva St
S Bluff Rd
Guatemala Ave
Finevale Dr
Fry St
Noren St
Ciro St
Ivo St
LEGEND - CHOOSE MORE SITES
LUST Cleanup Sites - REMOVE
Cleanup Program Sites - REMOVE
Military Cleanup Sites - REMOVE
Military Privatized Sites - REMOVE
Military UST Sites - REMOVE
DTSC Cleanup Sites - REMOVE
Animal Feeding Facility - REMOVE
Aquaculture/Hatchery - REMOVE
Boatyard/Shipyard - REMOVE
Campground - REMOVE
Cannabis Site - REMOVE
Collection_System - REMOVE
Composting Facility - REMOVE
Concrete Manufacturing - REMOVE
Development Site, NEC - REMOVE
Domestic Site NEC - REMOVE
Dredge/Fill Site - REMOVE
Educational Facilities - REMOVE
FERTILIZER/PESTICIDE HANDLING - REMOVE
Facility - REMOVE
Food Processing - REMOVE
Food Processor - REMOVE
Gasoline Service Station - REMOVE
Groundwater Cleanup Site - REMOVE
Habitat Restoration Area - REMOVE
Hot Springs - REMOVE
Irrigated Lands - REMOVE
Laboratory - REMOVE
SITES VISIBLE ON MAP - CHOOSE FIELDS
SITE NAME
FAC ID
STATUS
6801 SUVA STREET AND 6814 FOSTER BRIDGE BLVD. PROPERTIES 60001333 ACTIVE
BERG CRANE SERVICE HISTORICAL - WDR
CHROME CRANKSHAFT CO OPEN - INACTIVE
CHROME CRANKSHAFT COMPANY 19350473 ACTIVE
CT&F, INC COMPLETED - CASE CL
DOWNEY VENDORS, INC 19420035 NO FURTHER ACTION
EMPIRE RECYCLING CENTER 60001724 NO FURTHER ACTION
ENTERPRISE POWDER COATING INC. 60001723 NO FURTHER ACTION
ENTERPRISE PRODUCTS 60001726 NO FURTHER ACTION
ENTERPRISE PRODUCTS INC COMPLETED - CASE CL
FLEXCO INC. 60001696 REFER: EPA
Keyboard shortcuts
Map data ©2023 Google
50 m
Terms of Use


Public Viewer
Change County
Close Public Viewer
Map Layers
Query Tools
Enter search term (min 4 chars)
Help
Identify - Total 1 record(s) found
18484
Attribute
Value
Category: PIPELINE ATTRIBUTES
OPERATOR ID 18484
OPERATOR NAME SOUTHERN CALIFORNIA GAS CO
SYSTEM NAME TRANSMISSION
SUBSYSTEM NAME
PIPELINE ID 119
MILES 17.62
COMMODITY CATEGORY Natural Gas
COMMODITY DESCRIPTION NATURAL GAS
INTERSTATE DESIGNATION N
PIPELINE STATUS CODE Active (filled)
REVISION DATE 03/11/2021
FRP SEQUENCE NUMBER
INSPECTION AUTHORITY State
Category: GENERAL CONTACT
FIRST NAME Moises
Map Layers
Accidents (Liquid)
Incidents (Gas)
Gas Transmission Pipelines
Hazardous Liquid Pipelines
LNG Plants
Breakout Tanks
Other Populated Areas (scale dependent)
Highly Populated Areas (scale dependent)
Commercially Navigable Waterways
CNW Inland
CNW Ocean/Great Lakes
Coastal Ecological USA (Coastal Eco USA)
Tribal Government Lands
State Boundaries
Show Labels
County Boundaries
CONTRACTORS' WAREHOUSE
Best Western Plus Commerce
Tierra Mia Coffee Drive Thru
Gloria's Cocina Mexicana
Northgate Market
Psycho Turtle Collectibles
Golden Corral Buffet & Grill
McDonald's
Furman Park
Rivera Park
Pico Rivera
Map data ©2023 Google Imagery ©2023 , Airbus, CNES / Airbus, Data CSUMB SFML, CA OPC, Landsat / Copernicus, Maxar Technologies, U.S. Geological Survey, USDA/FPAC/GEO
Terms of Use
Report a map error
Ready
Zoom Level: 14 of 19 (1:24,000)
Closest Zoom for Pipelines
(lat,long): 33.983464, -118.194196
Map Showing Pipelines in: Los Angeles, CA
©USDOT PHMSA. All rights reserved

Appendix E

EDR Database Report

7360 Foster Bridge Blvd
7360 Foster Bridge Blvd
Downey, CA 90240

Inquiry Number: 07155128.2r
October 20, 2022

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	426
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.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. **NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA) INFORMATION PROVIDED IN THIS REPORT.** Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2022 by Environmental Data Resources, LLC. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, LLC, or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

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 (E1527-21), 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

7360 FOSTER BRIDGE BLVD
DOWNEY, CA 90240

COORDINATES

Latitude (North):	33.9658750 - 33ˆ 57' 57.15''
Longitude (West):	118.1365360 - 118ˆ 8' 11.52''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	394996.4
UTM Y (Meters):	3758759.8
Elevation:	137 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	11997976 SOUTH GATE, CA
Version Date:	2018
Southeast Map:	11997982 WHITTIER, CA
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140513
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
7360 FOSTER BRIDGE BLVD
DOWNEY, CA 90240

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	WEST COAST RUBBER	7180 SCOUT AVENUE	ENVIROSTOR, CERS HAZ WASTE, CERS TANKS, LOS...	Lower	255, 0.048, WSW
A2	WEST COAST RUBBER	7180 SCOUT AVENUE	SEMS, RCRA NonGen / NLR	Lower	255, 0.048, WSW
B3	FRONTIER FOODS INC	7101 SOUTH SCOUT AVE	HIST UST	Lower	444, 0.084, West
B4	UNIBRIGHT FOODS, INC	7101 SCOUT AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	Lower	444, 0.084, West
B5	WESTERN TREAT CO	7101 S SCOUT ST	SWEEPS UST	Lower	444, 0.084, West
B6	FRONTIER FOODS, INC.	7101 SCOUT AVE	HIST UST	Lower	444, 0.084, West
B7	UNIBRIGHT FOODS INC	7101 SCOUT AVE	RCRA NonGen / NLR	Lower	444, 0.084, West
C8	KELBY CONSTRUCTION	6920 FOSTER BRIDGE B	SWF/LF, AST, CERS HAZ WASTE, SWEEPS UST, HIST UST,..	Lower	475, 0.090, NNW
C9	AAA RUBBISH INC	6920 FOSTER BRIDGE B	RCRA NonGen / NLR	Lower	475, 0.090, NNW
10	WELL 07 (OLD WELL 30		PFAS	Lower	480, 0.091, SE
B11	BARBER WELDING & MFG	7171 SCOUT AVE	CERS HAZ WASTE, SWEEPS UST, FINDS, ECHO, CERS,...	Lower	530, 0.100, West
B12	NORCHEM CORPORATION	7171 SCOUT AVE	RCRA NonGen / NLR	Lower	530, 0.100, West
B13	BARBER WELDING 7 MFG	7171 SCOUT AVE	RCRA-SQG, HIST UST, LOS ANGELES CO. HMS	Lower	530, 0.100, West
B14	BARBER WELDING AND M	7171 SCOUT AVE	HIST UST	Lower	530, 0.100, West
C15	AAA RUBBISH, INC.		LOS ANGELES CO LF METHANE	Lower	537, 0.102, NNW
B16	ENTERPRISE PRODUCTS	6875 SUVA STREET	LUST, HIST UST, Cortese, LOS ANGELES CO. HMS, CERS	Lower	605, 0.115, WNW
B17	ENTERPRISE PRODUCTS,	6875 SUVA ST	ENVIROSTOR, SWEEPS UST, HIST UST	Lower	605, 0.115, WNW
B18	FIRST CLASS VENDING	6875 SUVA ST	RCRA NonGen / NLR	Lower	605, 0.115, WNW
D19	CRYSTAL AV	7191 SCOTT AVE	RCRA NonGen / NLR	Lower	710, 0.134, WSW
D20	WILCOX MACHINE CO.	7190 SCOUT AVE	LUST, SWEEPS UST, Cortese, HIST CORTESE, CERS	Lower	722, 0.137, WSW
E21	ENTERPRISE POWDER CO	6840 SUVA STREET	ENVIROSTOR	Lower	802, 0.152, WNW
22	HELEN RODGERS	9327 GUATEMALA AVE	RCRA NonGen / NLR	Lower	805, 0.152, ESE
E23	FLEXCO INC	6855 SUVA ST	CERS HAZ WASTE, LOS ANGELES CO. HMS, CERS	Lower	838, 0.159, WNW
E24	FLEXCO INC	6855 SUVA ST	RCRA NonGen / NLR	Lower	838, 0.159, WNW
E25	FLEXCO, INC	6855 SUVA ST	ENVIROSTOR, EMI	Lower	838, 0.159, WNW
26	HECTOR GOMEZ	7420 CIRO ST	RCRA NonGen / NLR	Lower	862, 0.163, SSE
E27	RWS BP INC DBA ROYAL	6831 SUVA ST	RCRA NonGen / NLR	Lower	928, 0.176, WNW
F28	PEDRO HERNANDEZ COLI	6616 SCOUT AVE	RCRA NonGen / NLR	Higher	962, 0.182, North
F29	HERMELINDA MELCHOR	6627 SCOUT AVE	RCRA NonGen / NLR	Higher	974, 0.184, NNW
G30	FRANKS DISPOSAL CO	7214 SCOTT AVE	RCRA NonGen / NLR	Lower	1012, 0.192, WSW
G31	EMPIRE RECYCLING CEN	7214 SCOUT AVENUE	ENVIROSTOR	Lower	1012, 0.192, WSW
G32	FRANK'S DISPOSAL	7214 SCOUT AVE.	SWF/LF, LOS ANGELES CO. HMS	Lower	1012, 0.192, WSW
H33	EFI EMPIRE FOAM INNO	6891 FLORENCE PL	RCRA NonGen / NLR	Lower	1034, 0.196, West
G34	FRANK'S DISPOSAL		LOS ANGELES CO LF METHANE	Lower	1039, 0.197, WSW
I35	SUGDEN ENGINEERING	6832 FOSTER BRIDGE B	HIST UST	Lower	1054, 0.200, WNW
I36	SUGDEN ENGINEERING C	6832 FOSTER BRIDGE B	SWEEPS UST, HIST UST	Lower	1054, 0.200, WNW
37	SALVADOR MELENDEZ	9728 TECUM RD	RCRA NonGen / NLR	Lower	1072, 0.203, South
F38	SANDRA SHELTON	6613 SCOUT AVE	RCRA NonGen / NLR	Higher	1086, 0.206, NNW
J39	LEWIS INDUSTRIES DBA	6814 FOSTER BRIDGE B	RCRA NonGen / NLR	Lower	1103, 0.209, NW

MAPPED SITES SUMMARY

Target Property Address:
7360 FOSTER BRIDGE BLVD
DOWNEY, CA 90240

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J40	MCLANE MFG	6814 FOSTER BRIDGE B	CERS HAZ WASTE, NPDES, CERS, HWTS	Lower	1103, 0.209, NW
J41	JJ TIRES AND ROAD SU	6814 FOSTER BRIDGE B	RCRA NonGen / NLR	Lower	1103, 0.209, NW
G42	C T & F CORP	7228 SCOUT AVE	RCRA-SQG, FINDS, ECHO	Lower	1135, 0.215, WSW
G43	CT&F INC	7228 SCOUT AVE	SWEEPS UST	Lower	1135, 0.215, WSW
G44	CT&F, INC	7228 S. SCOUT AVE	LUST, Cortese, HAZNET, LOS ANGELES CO. HMS, CERS,...	Lower	1135, 0.215, WSW
K45	PENSKE TRUCK LEASING	6814 SUVA ST	RCRA NonGen / NLR	Lower	1232, 0.233, WNW
K46	DOWNEY VENDORS, INC	6814 SUVA STREET	ENVIROSTOR, VCP	Lower	1232, 0.233, WNW
H47	J&S CHROME	6863 FLORENCE	CPS-SLIC	Lower	1245, 0.236, West
48	REDA KAROUT	7544 CALMCREST DR	RCRA NonGen / NLR	Lower	1265, 0.240, ESE
H49	J&S CHROME PLATING	6863 FLORENCE PL	RESPONSE, ENVIROSTOR, LIENS, DEED, Cortese, CERS,...	Lower	1278, 0.242, West
H50	J & S CHROME	6863 FLORENCE PL E	LUST, CPS-SLIC, HIST CORTESE, CERS	Lower	1278, 0.242, West
H51	J&S CHROME PLATING	683 FLORENCE PLACE	SEMS, HIST Cal-Sites, SWEEPS UST, HIST UST, LOS...	Lower	1278, 0.242, West
H52	J AND S CHROME PLATI	6863 E FLORENCE PL	RCRA-SQG, FINDS, ECHO	Lower	1278, 0.242, West
I53	MID CITIES PAPER BOX	6801 SUVA ST	UST	Lower	1295, 0.245, WNW
I54	HENRY CHUNG	6801 SUVA ST	RCRA NonGen / NLR	Lower	1295, 0.245, WNW
I55	1X MID-CITIES PAPER	6801 SUVA ST	ENVIROSTOR, VCP, DEED, HAZNET, HWTS	Lower	1295, 0.245, WNW
I56	HENRY CHUNG	6801 SUVA ST	SWEEPS UST, HIST UST, EMI, HAZNET, LA Co. Site...	Lower	1295, 0.245, WNW
57	SIPPLE PROPERTY	6750 FOSTER BRIDGE B	ENVIROSTOR	Lower	1452, 0.275, NW
58	WELL 08 (OLD WELL 05		PFAS	Lower	1473, 0.279, SSW
L59	CHROME CRANKSHAFT	6845 FLORENCE	CPS-SLIC	Lower	1479, 0.280, West
L60	CHROME CRANKSHAFT, C	6845 FLORENCE PL	HIST Cal-Sites	Lower	1512, 0.286, West
L61	CHROME CRANKSHAFT	6845 E. FLORENCE PL.	SEMS, RCRA-LQG, RESPONSE, ENVIROSTOR, LUST,...	Lower	1512, 0.286, West
M62	USA WASTE	7314 SCOUT AVE	SEMS-ARCHIVE	Lower	1654, 0.313, WSW
M63	W A RASIC CONSTRUCTI	7314 SCOUT AVE	LUST, Cortese, WDS, CIWQS, CERS	Lower	1654, 0.313, WSW
64	SUVA SCHOOLS	6740 SUVA ST	RESPONSE, ENVIROSTOR, CERS	Lower	1659, 0.314, WNW
65	RED'S CATERING	7437 SCOUT AVE	LUST, CERS HAZ WASTE, Cortese, HIST CORTESE, LOS...	Lower	2113, 0.400, WSW
66	MODEL PLATING	6709 E. FLORENCE	ENVIROSTOR, EMI, LA Co. Site Mitigation, WDS, CERS	Lower	2833, 0.537, WSW
67	INDUSTRIAL FORKLIFTS	6710 FLORENCE AVE	RCRA-SQG, ENVIROSTOR, FINDS, ECHO	Lower	3245, 0.615, WSW
68	GRIFFITHS MIDDLE SCH	9633 TWEEDY LANE	ENVIROSTOR, SCH, CHMIRS, NPDES, CIWQS, CERS	Lower	3343, 0.633, SE
69	TURGEON J P & SONS'	7758 SCOUT ST	RCRA-SQG, ENVIROSTOR, NPDES, CIWQS, CERS	Lower	3913, 0.741, WSW
70	TOMADUR ENGINE COMPA	7171 WATCHER ST	ENVIROSTOR, LA Co. Site Mitigation	Higher	3980, 0.754, NE
71	LAGUNA NUEVA ELEMENT	6360 GARFIELD AVENUE	ENVIROSTOR, SCH, DEED	Lower	4108, 0.778, NW
72	GOLDEN OIL TRUCK SUP	6501 CLARA STREET	ENVIROSTOR	Lower	4192, 0.794, WSW
73	MARTIN SPROKET & GEA	5920 S TRIANGLE DR	ENVIROSTOR, LA Co. Site Mitigation	Higher	4220, 0.799, North
74	USA & RAFAEL CLEANER	7125 GARFIELD AVE #A	ENVIROSTOR, DRYCLEANERS, EMI, LOS ANGELES CO. HMS,...	Lower	4295, 0.813, West
75	SANTA FE INDUSTRIAL	6423 CLARA ST.	ENVIROSTOR	Lower	4778, 0.905, WSW
76	CAMEO	6904 EAST SLAUSON AV	RESPONSE, ENVIROSTOR, Cortese	Higher	5235, 0.991, 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

Lists of Federal NPL (Superfund) sites

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROLS ---------- Institutional Controls Sites List

Federal ERNS list

ERNS ---------- Emergency Response Notification System

Lists of state and tribal leaking storage tanks

INDIAN LUST ---- Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST ---- Underground Storage Tank Listing
INDIAN UST ---- Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield 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
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

AOCONCERN ---- Key Areas of Concerns in Los Angeles County
US HIST CDL ---- Delisted National Clandestine Laboratory Register
SCH ---- School Property Evaluation Program
CDL ---- Clandestine Drug Labs
Toxic Pits ---- Toxic Pits Cleanup Act Sites
US CDL ---- National Clandestine Laboratory Register
AQUEOUS FOAM ---- Former Fire Training Facility Assessments Listing

Local Lists of Registered Storage Tanks

CA FID UST ---- Facility Inventory Database

Local Land Records

LIENS ---- Environmental Liens Listing
LIENS 2 ---- CERCLA Lien Information

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

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
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
ECHO	Enforcement & Compliance History Information
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
HAZNET	Facility and Manifest Data
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
UIC GEO UIC GEO (GEOTRACKER)
WASTEWATER PITS Oil Wastewater Pits Listing
WDS Waste Discharge System
WIP Well Investigation Program Case List
MILITARY PRIV SITES MILITARY PRIV SITES (GEOTRACKER)
PROJECT PROJECT (GEOTRACKER)
WDR Waste Discharge Requirements Listing
CIWQS California Integrated Water Quality System
CERS CERS
NON-CASE INFO NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ Well Stimulation Project (GEOTRACKER)
HWTS Hazardous Waste Tracking System
MINES MRDS Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
EDR Hist Auto EDR Exclusive Historical Auto Stations
EDR Hist Cleaner EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF Recovered Government Archive Solid Waste Facilities List
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

Lists of Federal sites subject to CERCLA removals and CERCLA orders

SEMS: 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.

A review of the SEMS list, as provided by EDR, and dated 07/26/2022 has revealed that there are 3 SEMS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST COAST RUBBER Site ID: 0905815 EPA Id: CAD981662711	***7180 SCOUT AVENUE***	***WSW 0 - 1/8 (0.048 mi.)***	***A2***	***19***
J&S CHROME PLATING Site ID: 0900038 EPA Id: CAD982400343	***683 FLORENCE PLACE***	***W 1/8 - 1/4 (0.242 mi.)***	***H51***	***204***
CHROME CRANKSHAFT Site ID: 0909377 Site ID: 0904276 EPA Id: CAN000909377 EPA Id: CAD055780167	***6845 E. FLORENCE PL.***	***W 1/4 - 1/2 (0.286 mi.)***	***L61***	***270***

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/26/2022 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
USA WASTE	7314 SCOUT AVE	WSW 1/4 - 1/2 (0.313 mi.)	M62	310

EXECUTIVE SUMMARY

Lists of Federal RCRA generators

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 06/20/2022 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BARBER WELDING 7 MFG	***7171 SCOUT AVE***	***W 0 - 1/8 (0.100 mi.)***	***B13***	***81***
EPA ID:: CAD983662784				
C T & F CORP	***7228 SCOUT AVE***	***WSW 1/8 - 1/4 (0.215 mi.)***	***G42***	***150***
EPA ID:: CAD981444615				
J AND S CHROME PLATI	***6863 E FLORENCE PL***	***W 1/8 - 1/4 (0.242 mi.)***	***H52***	***218***
EPA ID:: CAD008359002				

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: 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.

A review of the RESPONSE list, as provided by EDR, has revealed that there are 4 RESPONSE sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAMEO	***6904 EAST SLAUSON AV***	***NNW 1/2 - 1 (0.991 mi.)***	***76***	***390***
Database: RESPONSE, Date of Government Version: 07/25/2022				
Status: Active				
Facility Id: 19390043				

Lower Elevation	Address	Direction / Distance	Map ID	Page
J&S CHROME PLATING	***6863 FLORENCE PL***	***W 1/8 - 1/4 (0.242 mi.)***	***H49***	***166***
Database: RESPONSE, Date of Government Version: 07/25/2022				
Status: Active				
Facility Id: 19340358				
CHROME CRANKSHAFT	***6845 E. FLORENCE PL.***	***W 1/4 - 1/2 (0.286 mi.)***	***L61***	***270***
Database: RESPONSE, Date of Government Version: 07/25/2022				
Status: Active				
Facility Id: 19350473				
SUVA SCHOOLS	***6740 SUVA ST***	***WNW 1/4 - 1/2 (0.314 mi.)***	***64***	***315***
Database: RESPONSE, Date of Government Version: 07/25/2022				
Status: No Further Action				
Facility Id: 19820014				

EXECUTIVE SUMMARY

Lists of state- and tribal hazardous waste facilities

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 07/25/2022 has revealed that there are 22 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOMADUR ENGINE COMPA Facility Id: 19350474 Status: Refer: 1248 Local Agency	***7171 WATCHER ST***	***NE 1/2 - 1 (0.754 mi.)***	***70***	***361***
MARTIN SPROKET & GEA Facility Id: 19350475 Status: Refer: 1248 Local Agency	***5920 S TRIANGLE DR***	***N 1/2 - 1 (0.799 mi.)***	***73***	***380***
CAMEO Facility Id: 19390043 Status: Active	***6904 EAST SLAUSON AV***	***NNW 1/2 - 1 (0.991 mi.)***	***76***	***390***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST COAST RUBBER Facility Id: 60003182 Status: Inactive - Needs Evaluation	***7180 SCOUT AVENUE***	***WSW 0 - 1/8 (0.048 mi.)***	***A1***	***9***
ENTERPRISE PRODUCTS, Facility Id: 60001726 Status: No Further Action	***6875 SUVA ST***	***WNW 0 - 1/8 (0.115 mi.)***	***B17***	***88***
ENTERPRISE POWDER CO Facility Id: 60001723 Status: No Further Action	6840 SUVA STREET	WNW 1/8 - 1/4 (0.152 mi.)	E21	99
FLEXCO, INC Facility Id: 60001696 Status: Refer: EPA	***6855 SUVA ST***	***WNW 1/8 - 1/4 (0.159 mi.)***	***E25***	***112***
EMPIRE RECYCLING CEN Facility Id: 60001724 Status: No Further Action	7214 SCOUT AVENUE	WSW 1/8 - 1/4 (0.192 mi.)	G31	128
DOWNEY VENDORS, INC Facility Id: 19420035 Status: No Further Action	***6814 SUVA STREET***	***WNW 1/8 - 1/4 (0.233 mi.)***	***K46***	***160***
J&S CHROME PLATING Facility Id: 19340358 Status: Active	***6863 FLORENCE PL***	***W 1/8 - 1/4 (0.242 mi.)***	***H49***	***166***
1X MID-CITIES PAPER	***6801 SUVA ST***	***WNW 1/8 - 1/4 (0.245 mi.)***	***I55***	***224***

Facility Id: 60001333 Status: Active				
SIPPLE PROPERTY Facility Id: 60001674 Status: Refer: EPA	6750 FOSTER BRIDGE B	NW 1/4 - 1/2 (0.275 mi.)	57	252
CHROME CRANKSHAFT Facility Id: 19350473 Status: Active	***6845 E. FLORENCE PL.***	***W 1/4 - 1/2 (0.286 mi.)***	***L61***	***270***
SUVA SCHOOLS Facility Id: 19820014 Status: No Further Action	***6740 SUVA ST***	***WNW 1/4 - 1/2 (0.314 mi.)***	***64***	***315***
MODEL PLATING Facility Id: 71002178 Facility Id: 19340785 Status: Refer: Other Agency Status: Active	***6709 E. FLORENCE***	***WSW 1/2 - 1 (0.537 mi.)***	***66***	***329***
INDUSTRIAL FORKLIFTS Facility Id: 60001740 Status: No Further Action	***6710 FLORENCE AVE***	***WSW 1/2 - 1 (0.615 mi.)***	***67***	***336***
GRIFFITHS MIDDLE SCH Facility Id: 19820108 Status: Inactive - Withdrawn	***9633 TWEEDY LANE***	***SE 1/2 - 1 (0.633 mi.)***	***68***	***340***
TURGEON J P & SONS' Facility Id: 60001531 Status: Refer: Local Agency	***7758 SCOUT ST***	***WSW 1/2 - 1 (0.741 mi.)***	***69***	***348***
LAGUNA NUEVA ELEMENT Facility Id: 19890013 Status: Certified O&M - Land Use Restrictions Only	***6360 GARFIELD AVENUE***	***NW 1/2 - 1 (0.778 mi.)***	***71***	***363***
GOLDEN OIL TRUCK SUP Facility Id: 60001732 Status: Refer: Other Agency	6501 CLARA STREET	WSW 1/2 - 1 (0.794 mi.)	72	378
USA & RAFAEL CLEANER Facility Id: 60003301 Status: Active	***7125 GARFIELD AVE #A***	***W 1/2 - 1 (0.813 mi.)***	***74***	***381***
SANTA FE INDUSTRIAL Facility Id: 60001676 Status: No Further Action	6423 CLARA ST.	WSW 1/2 - 1 (0.905 mi.)	75	389

Lists of state and tribal landfills and solid waste disposal facilities

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 are 2 SWF/LF sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KELBY CONSTRUCTION	***6920 FOSTER BRIDGE B***	***NNW 0 - 1/8 (0.090 mi.)***	***C8***	***47***
Database: LOS ANGELES CO. LF, Date of Government Version: 07/11/2022				

Site ID: 246
Status: Active

FRANK'S DISPOSAL ***7214 SCOUT AVE.*** ***WSW 1/8 - 1/4 (0.192 mi.)*** ***G32*** ***129***
Database: LOS ANGELES CO. LF, Date of Government Version: 07/11/2022
Site ID: 1444
Status: Active

Lists of state and tribal leaking storage tanks

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 7 LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ENTERPRISE PRODUCTS	***6875 SUVA STREET***	***WNW 0 - 1/8 (0.115 mi.)***	***B16***	***85***
Database: LUST, Date of Government Version: 05/23/2022 Status: Completed - Case Closed Global Id: T0603718199				
WILCOX MACHINE CO.	***7190 SCOUT AVE***	***WSW 1/8 - 1/4 (0.137 mi.)***	***D20***	***95***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 05/23/2022 Status: Completed - Case Closed Facility Id: I-16661 Status: Case Closed Global Id: T0603704426 Global ID: T0603704426				
CT&F, INC	***7228 S. SCOUT AVE***	***WSW 1/8 - 1/4 (0.215 mi.)***	***G44***	***154***
Database: LUST, Date of Government Version: 05/23/2022 Status: Completed - Case Closed Global Id: T0603711740				
J & S CHROME	***6863 FLORENCE PL E***	***W 1/8 - 1/4 (0.242 mi.)***	***H50***	***202***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Facility Id: 902010052 Status: Remediation Plan Global ID: T0603701239				
CHROME CRANKSHAFT	***6845 E. FLORENCE PL.***	***W 1/4 - 1/2 (0.286 mi.)***	***L61***	***270***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Facility Id: 902010061 Status: Remediation Plan Global ID: T0603701240				
W A RASIC CONSTRUCTI	***7314 SCOUT AVE***	***WSW 1/4 - 1/2 (0.313 mi.)***	***M63***	***312***
Database: LUST, Date of Government Version: 05/23/2022 Status: Completed - Case Closed Global Id: T0603789140				
RED'S CATERING	***7437 SCOUT AVE***	***WSW 1/4 - 1/2 (0.400 mi.)***	***65***	***318***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 05/23/2022				

Status: Completed - Case Closed
Facility Id: R-20327
Status: Case Closed
Global Id: T0603705301
Global ID: T0603705301

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 are 4 CPS-SLIC sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
J&S CHROME	6863 FLORENCE	W 1/8 - 1/4 (0.236 mi.)	H47	164
Database: SLIC REG 4, Date of Government Version: 11/17/2004				
J & S CHROME	***6863 FLORENCE PL E***	***W 1/8 - 1/4 (0.242 mi.)***	***H50***	***202***
Database: CPS-SLIC, Date of Government Version: 05/23/2022 Global Id: T0603701239 Facility Status: Open - Inactive				
CHROME CRANKSHAFT	6845 FLORENCE	W 1/4 - 1/2 (0.280 mi.)	L59	261
Database: SLIC REG 4, Date of Government Version: 11/17/2004				
CHROME CRANKSHAFT	***6845 E. FLORENCE PL.***	***W 1/4 - 1/2 (0.286 mi.)***	***L61***	***270***
Database: CPS-SLIC, Date of Government Version: 05/23/2022 Global Id: SL204341552 Facility Status: Open - Inactive				

Lists of state and tribal registered storage tanks

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 is 1 UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MID CITIES PAPER BOX	6801 SUVA ST	WNW 1/8 - 1/4 (0.245 mi.)	I53	221
Database: UST, Date of Government Version: 06/06/2022 Facility Id: 11735				

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KELBY CONSTRUCTION	***6920 FOSTER BRIDGE B***	***NNW 0 - 1/8 (0.090 mi.)***	***C8***	***47***
Database: AST, Date of Government Version: 07/06/2016				

Lists of state and tribal voluntary cleanup sites

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 07/25/2022 has revealed that there are 2 VCP sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DOWNEY VENDORS, INC	***6814 SUVA STREET***	***WNW 1/8 - 1/4 (0.233 mi.)***	***K46***	***160***
Status: No Further Action Facility Id: 19420035				
1X MID-CITIES PAPER	***6801 SUVA ST***	***WNW 1/8 - 1/4 (0.245 mi.)***	***I55***	***224***
Status: Active Facility Id: 60001333				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there are 2 HIST Cal-Sites sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
J&S CHROME PLATING	***683 FLORENCE PLACE***	***W 1/8 - 1/4 (0.242 mi.)***	***H51***	***204***
CHROME CRANKSHAFT, C	6845 FLORENCE PL	W 1/4 - 1/2 (0.286 mi.)	L60	261

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.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 07/18/2022 has revealed that there

are 6 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST COAST RUBBER	***7180 SCOUT AVENUE***	***WSW 0 - 1/8 (0.048 mi.)***	***A1***	***9***
UNIBRIGHT FOODS, INC	***7101 SCOUT AVE***	***W 0 - 1/8 (0.084 mi.)***	***B4***	***23***
KELBY CONSTRUCTION	***6920 FOSTER BRIDGE B***	***NNW 0 - 1/8 (0.090 mi.)***	***C8***	***47***
BARBER WELDING & MFG	***7171 SCOUT AVE***	***W 0 - 1/8 (0.100 mi.)***	***B11***	***72***
FLEXCO INC	***6855 SUVA ST***	***WNW 1/8 - 1/4 (0.159 mi.)***	***E23***	***103***
MCLANE MFG	***6814 FOSTER BRIDGE B***	***NW 1/8 - 1/4 (0.209 mi.)***	***J40***	***142***

PFAS: A listing of PFAS contaminated sites included in the GeoTracker database.

A review of the PFAS list, as provided by EDR, and dated 06/06/2022 has revealed that there are 2 PFAS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WELL 07 (OLD WELL 30		SE 0 - 1/8 (0.091 mi.)	10	63
WELL 08 (OLD WELL 05		SSW 1/4 - 1/2 (0.279 mi.)	58	253

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 9 SWEEPS UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTERN TREAT CO Status: A Comp Number: 4505	7101 S SCOUT ST	W 0 - 1/8 (0.084 mi.)	B5	44
KELBY CONSTRUCTION Status: A Comp Number: 11559	***6920 FOSTER BRIDGE B***	***NNW 0 - 1/8 (0.090 mi.)***	***C8***	***47***
BARBER WELDING & MFG Status: A Tank Status: A Comp Number: 11778	***7171 SCOUT AVE***	***W 0 - 1/8 (0.100 mi.)***	***B11***	***72***
ENTERPRISE PRODUCTS, Status: A Comp Number: 11491	***6875 SUVA ST***	***WNW 0 - 1/8 (0.115 mi.)***	***B17***	***88***
WILCOX MACHINE CO. Status: A Tank Status: A Comp Number: 16661	***7190 SCOUT AVE***	***WSW 1/8 - 1/4 (0.137 mi.)***	***D20***	***95***
SUGDEN ENGINEERING C Status: A	***6832 FOSTER BRIDGE B***	***WNW 1/8 - 1/4 (0.200 mi.)***	***I36***	***134***

Comp Number: 11820				
CT&F INC Status: A Tank Status: A Comp Number: 11214	7228 SCOUT AVE	WSW 1/8 - 1/4 (0.215 mi.)	G43	153
J&S CHROME PLATING Status: A Tank Status: A Comp Number: 1529	***683 FLORENCE PLACE***	***W 1/8 - 1/4 (0.242 mi.)***	***H51***	***204***
HENRY CHUNG Status: A Tank Status: A Comp Number: 11735	***6801 SUVA ST***	***WNW 1/8 - 1/4 (0.245 mi.)***	***I56***	***247***

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 11 HIST UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FRONTIER FOODS INC	7101 SOUTH SCOUT AVE	W 0 - 1/8 (0.084 mi.)	B3	23
FRONTIER FOODS, INC. Facility Id: 00000004045	7101 SCOUT AVE	W 0 - 1/8 (0.084 mi.)	B6	44
KELBY CONSTRUCTION Facility Id: 00000003763	***6920 FOSTER BRIDGE B***	***NNW 0 - 1/8 (0.090 mi.)***	***C8***	***47***
BARBER WELDING 7 MFG	***7171 SCOUT AVE***	***W 0 - 1/8 (0.100 mi.)***	***B13***	***81***
BARBER WELDING AND M Facility Id: 00000050713	7171 SCOUT AVE	W 0 - 1/8 (0.100 mi.)	B14	84
ENTERPRISE PRODUCTS	***6875 SUVA STREET***	***WNW 0 - 1/8 (0.115 mi.)***	***B16***	***85***
ENTERPRISE PRODUCTS, Facility Id: 00000050799	***6875 SUVA ST***	***WNW 0 - 1/8 (0.115 mi.)***	***B17***	***88***
SUGDEN ENGINEERING Facility Id: 00000003240	6832 FOSTER BRIDGE B	WNW 1/8 - 1/4 (0.200 mi.)	I35	133
SUGDEN ENGINEERING C Facility Id: 00000003203	***6832 FOSTER BRIDGE B***	***WNW 1/8 - 1/4 (0.200 mi.)***	***I36***	***134***
J&S CHROME PLATING Facility Id: 00000050572	***683 FLORENCE PLACE***	***W 1/8 - 1/4 (0.242 mi.)***	***H51***	***204***
HENRY CHUNG Facility Id: 00000050514	***6801 SUVA ST***	***WNW 1/8 - 1/4 (0.245 mi.)***	***I56***	***247***

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.

A review of the CERS TANKS list, as provided by EDR, and dated 07/18/2022 has revealed that there are 2 CERS TANKS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST COAST RUBBER	***7180 SCOUT AVENUE***	***WSW 0 - 1/8 (0.048 mi.)***	***A1***	***9***
KELBY CONSTRUCTION	***6920 FOSTER BRIDGE B***	***NNW 0 - 1/8 (0.090 mi.)***	***C8***	***47***

EXECUTIVE SUMMARY

Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 05/31/2022 has revealed that there are 3 DEED sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
J&S CHROME PLATING Status: ACTIVE Envirostor ID: 19340358	***6863 FLORENCE PL***	***W 1/8 - 1/4 (0.242 mi.)***	***H49***	***166***
1X MID-CITIES PAPER Status: ACTIVE Envirostor ID: 60001333	***6801 SUVA ST***	***WNW 1/8 - 1/4 (0.245 mi.)***	***I55***	***224***
CHROME CRANKSHAFT Status: ACTIVE Envirostor ID: 19350473	***6845 E. FLORENCE PL.***	***W 1/4 - 1/2 (0.286 mi.)***	***L61***	***270***

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 06/20/2022 has revealed that there are 21 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PEDRO HERNANDEZ COLI EPA ID:: CAR000186676	6616 SCOUT AVE	N 1/8 - 1/4 (0.182 mi.)	F28	120
HERMELINDA MELCHOR EPA ID:: CAC003176556	6627 SCOUT AVE	NNW 1/8 - 1/4 (0.184 mi.)	F29	123
SANDRA SHELTON EPA ID:: CAC003107107	6613 SCOUT AVE	NNW 1/8 - 1/4 (0.206 mi.)	F38	137

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST COAST RUBBER EPA ID:: CAD981662711	***7180 SCOUT AVENUE***	***WSW 0 - 1/8 (0.048 mi.)***	***A2***	***19***
UNIBRIGHT FOODS INC EPA ID:: CAL000297420	7101 SCOUT AVE	W 0 - 1/8 (0.084 mi.)	B7	45
AAA RUBBISH INC EPA ID:: CAL000288498	6920 FOSTER BRIDGE B	NNW 0 - 1/8 (0.090 mi.)	C9	61
NORCHEM CORPORATION EPA ID:: CAL000466860	7171 SCOUT AVE	W 0 - 1/8 (0.100 mi.)	B12	79
FIRST CLASS VENDING	6875 SUVA ST	WNW 0 - 1/8 (0.115 mi.)	B18	90

EPA ID:: CAL000357830				
CRYSTAL AV EPA ID:: CAC003106616	7191 SCOTT AVE	WSW 1/8 - 1/4 (0.134 mi.)	D19	93
HELEN RODGERS EPA ID:: CAC003053590	9327 GUATEMALA AVE	ESE 1/8 - 1/4 (0.152 mi.)	22	100
FLEXCO INC EPA ID:: CAL000377169	6855 SUVA ST	WNW 1/8 - 1/4 (0.159 mi.)	E24	110
HECTOR GOMEZ EPA ID:: CAC003151053	7420 CIRO ST	SSE 1/8 - 1/4 (0.163 mi.)	26	115
RWS BP INC DBA ROYAL EPA ID:: CAL000390972	6831 SUVA ST	WNW 1/8 - 1/4 (0.176 mi.)	E27	117
FRANKS DISPOSAL CO EPA ID:: CAL000274850	7214 SCOTT AVE	WSW 1/8 - 1/4 (0.192 mi.)	G30	126
EFI EMPIRE FOAM INNO EPA ID:: CAC002986676	6891 FLORENCE PL	W 1/8 - 1/4 (0.196 mi.)	H33	130
SALVADOR MELENDEZ EPA ID:: CAC002987988	9728 TECUM RD	S 1/8 - 1/4 (0.203 mi.)	37	135
LEWIS INDUSTRIES DBA EPA ID:: CAL000466490	6814 FOSTER BRIDGE B	NW 1/8 - 1/4 (0.209 mi.)	J39	140
JJ TIRES AND ROAD SU EPA ID:: CAL000451389	6814 FOSTER BRIDGE B	NW 1/8 - 1/4 (0.209 mi.)	J41	148
PENSKE TRUCK LEASING EPA ID:: CAP000200109	6814 SUVA ST	WNW 1/8 - 1/4 (0.233 mi.)	K45	158
REDA KAROUT EPA ID:: CAC003033293	7544 CALMCREST DR	ESE 1/8 - 1/4 (0.240 mi.)	48	164
HENRY CHUNG EPA ID:: CAC003117945	6801 SUVA ST	WNW 1/8 - 1/4 (0.245 mi.)	I54	221

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 (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 06/21/2022 has revealed that there are 7 Cortese sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ENTERPRISE PRODUCTS Cleanup Status: COMPLETED - CASE CLOSED	***6875 SUVA STREET***	***WNW 0 - 1/8 (0.115 mi.)***	***B16***	***85***
WILCOX MACHINE CO. Cleanup Status: COMPLETED - CASE CLOSED	***7190 SCOUT AVE***	***WSW 1/8 - 1/4 (0.137 mi.)***	***D20***	***95***
CT&F, INC Cleanup Status: COMPLETED - CASE CLOSED	***7228 S. SCOUT AVE***	***WSW 1/8 - 1/4 (0.215 mi.)***	***G44***	***154***
J&S CHROME PLATING Envirostor Id: 19340358 Cleanup Status: ACTIVE - LAND USE RESTRICTIONS	***6863 FLORENCE PL***	***W 1/8 - 1/4 (0.242 mi.)***	***H49***	***166***
CHROME CRANKSHAFT Envirostor Id: 19350473	***6845 E. FLORENCE PL.***	***W 1/4 - 1/2 (0.286 mi.)***	***L61***	***270***

Cleanup Status: ACTIVE - LAND USE RESTRICTIONS

W A RASIC CONSTRUCTI	***7314 SCOUT AVE***	***WSW 1/4 - 1/2 (0.313 mi.)***	***M63***	***312***
Cleanup Status: COMPLETED - CASE CLOSED				
RED'S CATERING	***7437 SCOUT AVE***	***WSW 1/4 - 1/2 (0.400 mi.)***	***65***	***318***
Cleanup Status: COMPLETED - CASE CLOSED				

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 4 HIST CORTESE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WILCOX MACHINE CO.	***7190 SCOUT AVE***	***WSW 1/8 - 1/4 (0.137 mi.)***	***D20***	***95***
Reg Id: I-16661				
J & S CHROME	***6863 FLORENCE PL E***	***W 1/8 - 1/4 (0.242 mi.)***	***H50***	***202***
Reg Id: 902010052				
CHROME CRANKSHAFT	***6845 E. FLORENCE PL.***	***W 1/4 - 1/2 (0.286 mi.)***	***L61***	***270***
Reg Id: 902010061				
RED'S CATERING	***7437 SCOUT AVE***	***WSW 1/4 - 1/2 (0.400 mi.)***	***65***	***318***
Reg Id: R-20327				

LOS ANGELES CO LF METHANE: This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

A review of the LOS ANGELES CO LF METHANE list, as provided by EDR, and dated 01/10/2022 has revealed that there are 2 LOS ANGELES CO LF METHANE sites within approximately 0.5 miles of the target property.

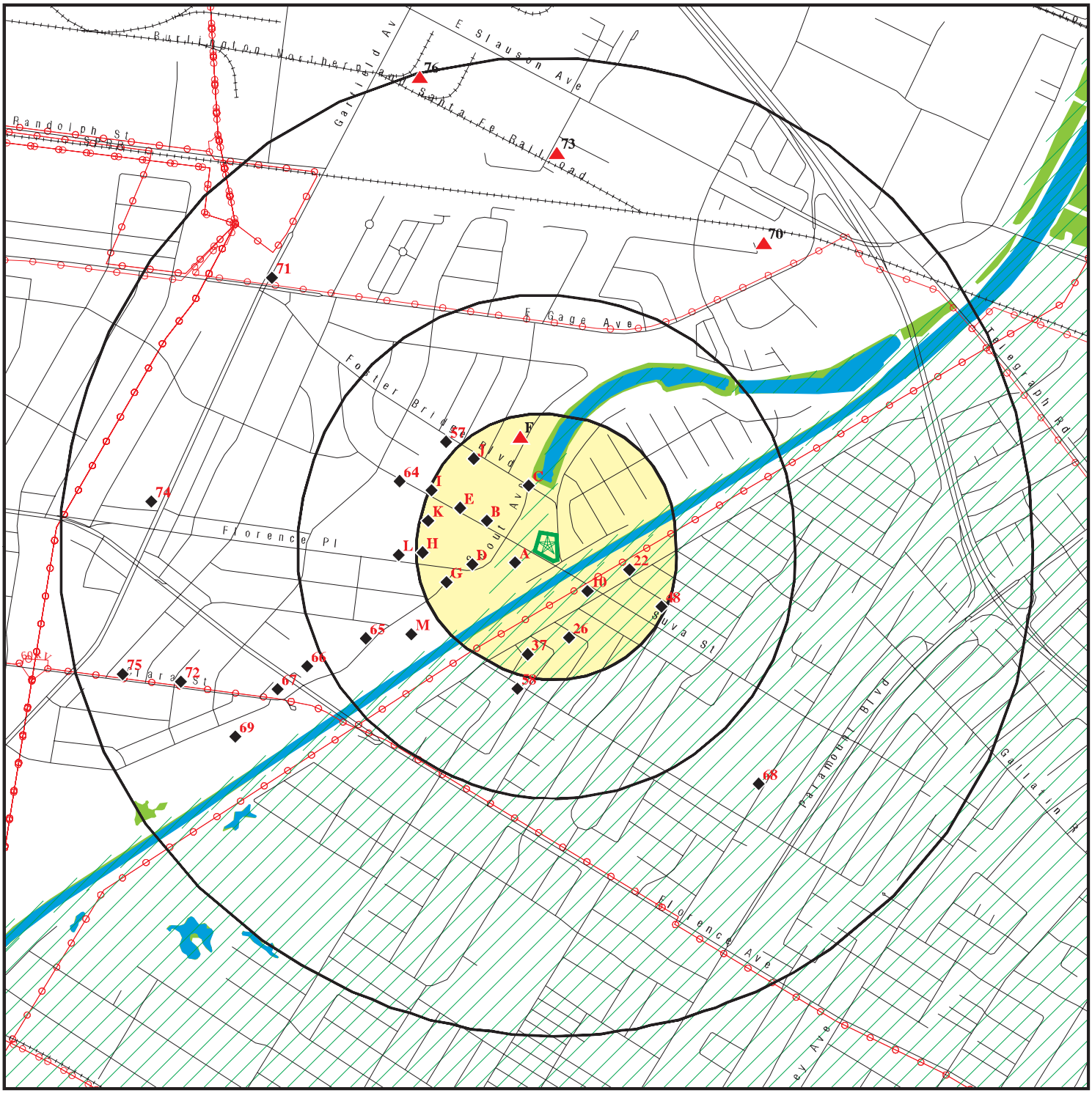
Lower Elevation	Address	Direction / Distance	Map ID	Page
AAA RUBBISH, INC.		NNW 0 - 1/8 (0.102 mi.)	C15	85
FRANK'S DISPOSAL		WSW 1/8 - 1/4 (0.197 mi.)	G34	133

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name	Database(s)
SALVAGE CORP	SWF/LF
MARRS FABULOUS CLEANERS	CPS-SLIC

OVERVIEW MAP - 07155128.2R



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

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

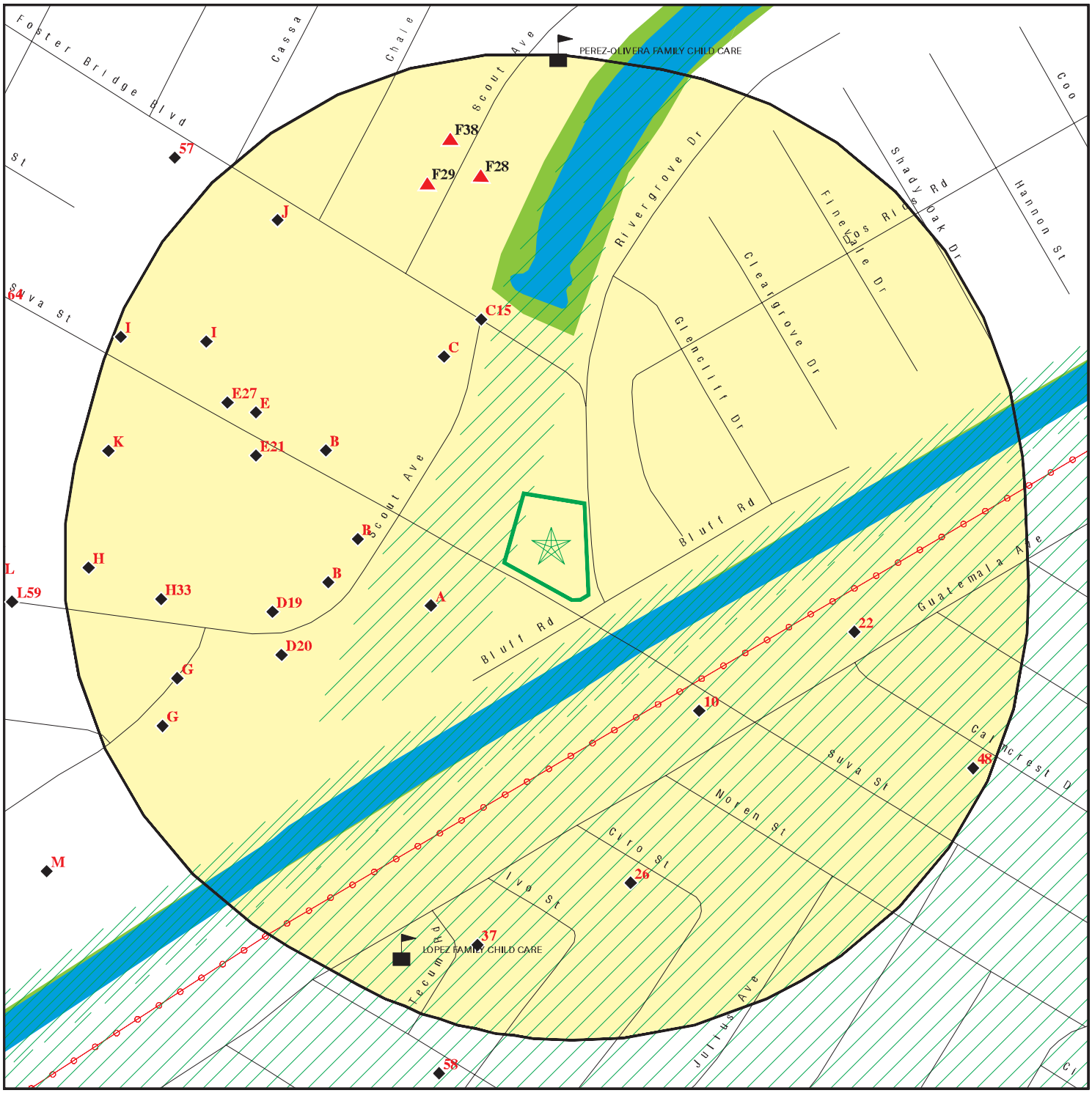
N

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:	7360 Foster Bridge Blvd	CLIENT:	SCS Engineers
ADDRESS:	7360 Foster Bridge Blvd Downey CA 90240	CONTACT:	Gloria Barrientos
LAT/LONG:	33.965875 / 118.136536	INQUIRY #:	07155128.2r
		DATE:	October 20, 2022 5:37 pm

Copyright © 2022 EDR, Inc. © 2015 TomTom Rel. 2015.

DETAIL MAP - 07155128.2R



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- 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: 7360 Foster Bridge Blvd	CLIENT: SCS Engineers
ADDRESS: 7360 Foster Bridge Blvd Downey CA 90240	CONTACT: Gloria Barrientos INQUIRY #: 07155128.2r
LAT/LONG: 33.965875 / 118.136536	DATE: October 20, 2022 5:39 pm

Copyright © 2022 EDR, Inc. © 2015 TomTom Rel. 2015.

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								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		1	1	1	NR	NR	3
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		1	2	NR	NR	NR	3
RCRA-VSQG	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 CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	1	2	1	NR	4
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		2	6	3	11	NR	22
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		1	1	0	NR	NR	2

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
Lists of state and tribal leaking storage tanks								
LUST	0.500		1	3	3	NR	NR	7
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	2	2	NR	NR	4
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	1	NR	NR	NR	1
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
VCP	0.500		0	2	0	NR	NR	2
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield 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
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								
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	1	1	0	NR	2
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		4	2	NR	NR	NR	6
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		1	0	1	NR	NR	2
AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		4	5	NR	NR	NR	9
HIST UST	0.250		7	4	NR	NR	NR	11

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 FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		2	0	NR	NR	NR	2
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	2	1	NR	NR	3
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		5	16	NR	NR	NR	21
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
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	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
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		1	3	3	NR	NR	7
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
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		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	2	2	NR	NR	4
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
UIC GEO	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
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	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
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
LOS ANGELES CO LF METHANE	0.500		1	1	0	NR	NR	2

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	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
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	32	55	20	12	0	119

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **WEST COAST RUBBER** **ENVIROSTOR** **S109422271**
WSW **7180 SCOUT AVENUE** **CERS HAZ WASTE** **N/A**
< 1/8 **BELL GARDENS, CA 90201** **CERS TANKS**
0.048 mi. **LOS ANGELES CO. HMS**
255 ft. **Site 1 of 2 in cluster A** **CERS**

Relative:
Lower

Actual:
136 ft.

ENVIROSTOR:

Name:	WEST COAST RUBBER
Address:	7180 SCOUT AVENUE
City,State,Zip:	BELL GARDENS, CA 90201
Facility ID:	60003182
Status:	Inactive - Needs Evaluation
Status Date:	08/01/2021
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	2.15
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Lora Jameson
Supervisor:	Javier Hinojosa
Division Branch:	Cleanup Chatsworth
Assembly:	58
Senate:	33
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not Applicable
Latitude:	33.96547
Longitude:	-118.1381
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD981662711
Alias Type:	EPA Identification Number
Alias Name:	60003182
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	PA/SI Reassessment
Completed Date:	07/07/2014
Comments:	The site does not warrant further Federal assessment activities, but may warrant further State assessment.
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

WEST COAST RUBBER (Continued) **S109422271**

CERS HAZ WASTE:
Name: WILCOX MACHINE CO
Address: 7180 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 90201
Site ID: 407746
CERS ID: 10272028
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: WILCOX MACHINE CO
Address: 7180 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 90201
Site ID: 407746
CERS ID: 10272028
CERS Description: Aboveground Petroleum Storage

LOS ANGELES CO. HMS:
Name: WILCOX MACHINE CO
Address: 7180 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 90201
Region: LA
Permit Category: Not reported
Facility Id: 019518-028244
Facility Type: Not reported
Facility Status: OPEN
Area: 3Y
Permit Number: Not reported
Permit Status: Not reported

CERS:
Name: WILCOX MACHINE CO
Address: 7180 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 90201
Site ID: 407746
CERS ID: 10272028
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 407746
Site Name: WILCOX MACHINE CO
Violation Date: 03-23-2016
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 06/09/2017. OBSERVATION: 10x55 gal empty containers without label or date. CORRECTIVE ACTION: Each empty container larger than 5 gallons that previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value or managed on site in such a manner within one year of being emptied. 22CCR 11 66261.7
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 407746

WEST COAST RUBBER (Continued) **S109422271**

Site Name:	WILCOX MACHINE CO
Violation Date:	03-23-2016
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 03/23/2016. OBSERVATION: 1x750 gal poly container without lid. All hazardous waste containers shall be closed at all times except when adding or removing waste. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste. Lid replaced, COS.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	407746
Site Name:	WILCOX MACHINE CO
Violation Date:	02-11-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 04/04/2019. OBSERVATION: Four 55-gallon drums of non-RCRA hazardous waste solids located in the side yard were observed without required information. Two 55-gallon drums of waste oil at satellite accumulation sites were observed without hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	407746
Site Name:	WILCOX MACHINE CO
Violation Date:	02-13-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to prepare an SPCC Plan that meets all applicable requirements.
Violation Notes:	Returned to compliance on 05/07/2019. OBSERVATION: Failure to prepare an SPCC Plan that meets all applicable requirements, as observed total amount of petroleum products were over 1320 gallons. CORRECTIVE ACTION: Complete or revise SPCC plan that meets all applicable requirements.
Violation Division:	Los Angeles County Fire Department
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	407746
Site Name:	WILCOX MACHINE CO
Violation Date:	01-11-2022
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter

WEST COAST RUBBER (Continued) **S109422271**

6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal of acute/extremely hazardous waste after the first 1-kilogram threshold amount was accumulated within a 90 day period.
Violation Notes: Returned to compliance on 03/14/2022. OBSERVATION: Owner/Operator who is a generator of <100 kg/mth failed to send hazardous waste offsite for treatment, storage, or disposal within 180/270 days of accumulating 100 kilograms, or within 90 days of accumulating 1 kg of extremely/acutely hazardous waste. CORRECTIVE ACTION: Dispose of hazardous waste and submit a copy of the manifest/receipt to the CUPA. Ensure that hazardous waste is not stored for more than 180/270 days after the accumulation period begins, and that acute/extremely hazardous waste is not stored for more than 90 days after accumulating 1 kilogram.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 407746
Site Name: WILCOX MACHINE CO
Violation Date: 02-11-2019
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 04/04/2019. OBSERVATION: No disposal records of non - RCRA hazardous waste solids (contaminated rags, contaminated absorbents, sanding wastes, etc.) as observed 4 x 55-gallon drums of non RCRA hazardous waste solids without accumulation start date and no disposal record in the last 90 days was available. CORRECTIVE ACTION: Dispose of hazardous waste that has been stored over the applicable time limit and provide documentation that the violation has been corrected.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 407746
Site Name: WILCOX MACHINE CO
Violation Date: 02-11-2019
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 04/04/2019. OBSERVATION: Oil spills were observed on the top soil under and around roll-off bin of scrap metals. Secondary containment of oil drums was filled with spills at

WEST COAST RUBBER (Continued) **S109422271**

	the last aisle of the shop. CORRECTIVE ACTION: Submit photos/documentation to the CUPA demonstrating the spill has been properly removed and managed.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	407746
Site Name:	WILCOX MACHINE CO
Violation Date:	01-11-2022
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 03/14/2022. OBSERVATION: All hazardous waste containers observed at the facility had a hazardous waste label, however the required information on the label was missing. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	407746
Site Name:	WILCOX MACHINE CO
Violation Date:	02-11-2019
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 04/16/2019. OBSERVATION: A 55-gallon drum of waste oil at the last aisle of the shop was observed open. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly closed.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	407746
Site Name:	WILCOX MACHINE CO
Violation Date:	03-23-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 03/23/2016. OBSERVATION: 1x750 gal poly container without hazardous waste label. All hazardous waste containers shall be marked with the following information: 1) the

WEST COAST RUBBER (Continued) **S109422271**

words Hazardous Waste ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information. COS.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 407746
Site Name: WILCOX MACHINE CO
Violation Date: 03-23-2016
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes: Returned to compliance on 12/06/2017. OBSERVATION: 4x55 gal absorbent and oil debris found stored >180 days. Facilities who generate less than 1000 kg of hazardous waste per month and do not exceed 6000 kg of waste stored on site at any time may store waste on site up to 180 days. CORRECTIVE ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA by 30 days from now.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 407746
Site Name: WILCOX MACHINE CO
Violation Date: 01-11-2022
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to address in the SPCC Plan the type of oil and storage capacity for each fixed container. For mobile or portable containers, either provide the type of oil and storage capacity, or an estimate of the potential number of mobile or portable containers, the types of oil, and anticipated storage capacities.
Violation Notes: Returned to compliance on 03/14/2022. OBSERVATION: Failure to address in the SPCC Plan the type of oil and storage capacity for each fixed container, or, for portable and/or mobile containers, either provide the type of oil and storage capacity, or an estimate of the potential number of portable or mobile containers, the types of oil, and anticipated storage capacities. CORRECTIVE ACTION: Amend the SPCC Plan to properly address the type and storage capacity of all fixed and portable and/or mobile containers as required.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS,

Site ID: 407746
Site Name: WILCOX MACHINE CO
Violation Date: 01-11-2022
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site

WEST COAST RUBBER (Continued) **S109422271**

at or above reportable quantities.
Violation Notes: Returned to compliance on 03/14/2022. OBSERVATION: The business failed to electronically submit complete and accurate chemical inventory information for all hazardous materials on site at or above reportable quantities. CORRECTIVE ACTION: Electronically submit complete and accurate chemical inventory information for all hazardous materials on site at or above reportable quantities.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-11-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Keith Noone Quality Assurance Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-11-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Keith Noone Quality Assurance Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Keith Noone, QA Manager
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-23-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Keith Noone
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-18-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

WEST COAST RUBBER (Continued) **S109422271**

Eval General Type: Other/Unknown
Eval Date: 03-19-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Keith Noone
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-23-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Keith Noone Also own property at West Coast Accudyne 95-3541131 check
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-06-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-11-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Keith Noone Quality Assurance Manager
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Keith Noone, QA Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-19-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Keith Noone
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-01-2017
Violations Found: No

WEST COAST RUBBER (Continued) **S109422271**

Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Keith Noone, QA Manager You are required to adequately complete annual CERS submittal before annual due date.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-09-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Keith Noone
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 407746
Facility Name: WILCOX MACHINE CO
Env Int Type Code: HMBP
Program ID: 10272028
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.965370
Longitude: -118.137730

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000,

Affiliation Type Desc: Document Preparer
Entity Name: JILL WIGNEY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

WEST COAST RUBBER (Continued) **S109422271**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	7180 SCOUT AVE
Affiliation City:	BELL GARDENS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90202
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	WILCOX MACHINE CO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(562) 927-5353,

Affiliation Type Desc:	Legal Owner
Entity Name:	WILCOX MACHINE CO
Entity Title:	Not reported
Affiliation Address:	7180 SCOUT AVE
Affiliation City:	BELL GARDENS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90201
Affiliation Phone:	(562) 927-5353,

Affiliation Type Desc:	Parent Corporation
Entity Name:	WILCOX MACHINE CO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	JILL WIGNEY
Entity Title:	Not reported
Affiliation Address:	7180 SCOUT AVE
Affiliation City:	BELL GARDENS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90201
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Jill Wigney
Entity Title:	Office Mgr
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

WEST COAST RUBBER (Continued) **S109422271**

Affiliation Zip: Not reported
Affiliation Phone: ,

A2 **WEST COAST RUBBER** **SEMS** **1003109118**
WSW **7180 SCOUT AVENUE** **RCRA NonGen / NLR** **CAD981662711**
< 1/8 **BELL GARDENS, CA 90201**
0.048 mi.
255 ft. **Site 2 of 2 in cluster A**

Relative:
Lower

Actual:
136 ft.

SEMS:
Site ID: 0905815
EPA ID: CAD981662711
Name: WEST COAST RUBBER
Address: 7180 SCOUT AVENUE
Address 2: Not reported
City,State,Zip: BELL GARDENS, CA 90201
Cong District: Not reported
FIPS Code: 06037
Latitude: +33.966111
Longitude: -118.138611
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Detail:
Region: 09
Site ID: 0905815
EPA ID: CAD981662711
Site Name: WEST COAST RUBBER
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 2000-02-07 05:00:00
Finish Date: 2000-02-07 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0905815
EPA ID: CAD981662711
Site Name: WEST COAST RUBBER
NPL: N
FF: N
OU: 00
Action Code: HX
Action Name: PRE-CERC
SEQ: 1
Start Date: 2000-02-07 05:00:00
Finish Date: 2000-02-07 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0905815

WEST COAST RUBBER (Continued) **1003109118**

EPA ID: CAD981662711
Site Name: WEST COAST RUBBER
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 2003-10-01 04:00:00
Finish Date: 2006-09-30 04:00:00
Qual: L
Current Action Lead: EPA Perf

Region: 09
Site ID: 0905815
EPA ID: CAD981662711
Site Name: WEST COAST RUBBER
NPL: N
FF: N
OU: 00
Action Code: OO
Action Name: SITE REASS
SEQ: 1
Start Date: 2013-07-01 05:00:00
Finish Date: 2014-10-01 05:00:00
Qual: N
Current Action Lead: EPA Perf

RCRA Listings:
Date Form Received by Agency: 19870410
Handler Name: WILCOX MACHINE
Handler Address: 7180 SCOUT AVE
Handler City,State,Zip: BELL GARDENS, CA 90201-0000
EPA ID: CAD981662711
Contact Name: JILL WIGNEY
Contact Address: 7180 SCOUT AVE
Contact City,State,Zip: BELL GARDENS, CA 90201
Contact Telephone: 562-927-5353
Contact Fax: 000-000-0000
Contact Email: J.WIGNEY@WILCOXMACHINE.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: PO BOX 2159
Mailing City,State,Zip: BELL GARDENS, CA 90202-2159
Owner Name: WILCOX MACHINE CORP
Owner Type: Other
Operator Name: JILL WIGNEY
Operator Type: Other

WEST COAST RUBBER (Continued) **1003109118**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

WEST COAST RUBBER (Continued) **1003109118**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: JILL WIGNEY	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7180 SCOUT AVE
Owner/Operator City,State,Zip:	BELL GARDENS, CA 90201
Owner/Operator Telephone:	562-927-5353
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: WILCOX MACHINE CORP	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7180 SCOUT AVE
Owner/Operator City,State,Zip:	BELL GARDENS, CA 90201-0000
Owner/Operator Telephone:	562-927-5353
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19870410
Handler Name: WILCOX MACHINE	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	3327
NAICS Description:	MACHINE SHOPS; TURNED PRODUCT; AND SCREW, NUT, AND BOLT MANUFACTURING

NAICS Code:	336399
NAICS Description:	ALL OTHER MOTOR VEHICLE PARTS MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

B3 **FRONTIER FOODS INC** **HIST UST** **S118410389**
West **7101 SOUTH SCOUT AVENUE** **N/A**
< 1/8 **BELL GARDENS, CA 90201**
0.084 mi.
444 ft. **Site 1 of 12 in cluster B**

Relative: **Lower**

Actual: **132 ft.**

HIST UST:

Name:	FRONTIER FOODS INC
Address:	7101 SOUTH SCOUT AVENUE
City,State,Zip:	BELL GARDENS, CA 90201
File Number:	00026943
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026943.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:

B4 **UNIBRIGHT FOODS, INC** **CERS HAZ WASTE** **S113138590**
West **7101 SCOUT AVE** **HAZNET** **N/A**
< 1/8 **BELL GARDENS, CA 90201** **CERS**
0.084 mi. **HWTS**
444 ft. **Site 2 of 12 in cluster B**

Relative: **Lower**

Actual: **132 ft.**

CERS HAZ WASTE:

Name:	UNIBRIGHT FOODS, INC
Address:	7101 SCOUT AVE
City,State,Zip:	BELL GARDENS, CA 90201
Site ID:	78693
CERS ID:	10281130
CERS Description:	Hazardous Chemical Management
Name:	UNIBRIGHT FOODS, INC
Address:	7101 SCOUT AVE
City,State,Zip:	BELL GARDENS, CA 90201
Site ID:	78693
CERS ID:	10281130
CERS Description:	Hazardous Waste Generator

HAZNET:

Name:	UNIBRIGHT FOODS INC
Address:	7101 SCOUT AVE
Address 2:	Not reported

UNIBRIGHT FOODS, INC (Continued) **S113138590**

City,State,Zip: BELL GARDENS, CA 90201
Contact: DANIEL OGITA
Telephone: 5628189797
Mailing Name: Not reported
Mailing Address: 7101 SCOUT AVE

Year: 2021
Gepaid: CAL000297420
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.09

Year: 2018
Gepaid: CAL000297420
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.00000

Year: 2015
Gepaid: CAL000297420
TSD EPA ID: CAD044429835
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.8

Year: 2009
Gepaid: CAL000297420
TSD EPA ID: CAD981696420
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.588

Additional Info:
Year: 2015
Gen EPA ID: CAL000297420

Shipment Date: 20150220
Creation Date: 6/25/2015 22:15:36
Receipt Date: 20150306
Manifest ID: 004712988SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported

UNIBRIGHT FOODS, INC (Continued) **S113138590**

Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.8
Waste Quantity: 1600
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2009
Gen EPA ID: CAL000297420

Shipment Date: 20090710
Creation Date: 8/25/2009 18:30:31
Receipt Date: 20090710
Manifest ID: 003946806JJK
Trans EPA ID: CAD982413262
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981696420
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.588
Waste Quantity: 140
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: UNIBRIGHT FOODS, INC
Address: 7101 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 90201
Site ID: 78693
CERS ID: 10281130
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 78693
Site Name: UNIBRIGHT FOODS, INC
Violation Date: 06-23-2022
Citation: 19 CCR 4.5 2755.1(b) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.1(b)
Violation Description: Failure to ensure that the process is designed in compliance with recognized and generally accepted good engineering practices.
Violation Notes: OBSERVATION: The owner/operator failed to ensure that the process is

UNIBRIGHT FOODS, INC (Continued) **S113138590**

designed in compliance with recognized and generally accepted good engineering practices. The owner/operator failed to ensure that combustible materials are properly stored in the machinery room according to IIAR-9 Section 7.3.4 Combustible Materials - Combustible materials shall not be stored in machinery rooms outside of approved fire-rated storage containers. One 55-gallon drum with new oil was observed in the machinery room on a wood pallet at the time of the follow-up inspection. This violation is a Class II violation due to it being a repeated violation. On 8/19/21, an NOV was issued to the owner/operator for the same non-compliance. CORRECTIVE ACTION: Submit photographs to the UPA demonstrating you have ensured that the new oil is stored according to recognized and generally accepted good engineering practices.

Violation Division: Los Angeles County Fire Department
Violation Program: CalARP
Violation Source: CERS,

Site ID: 78693
Site Name: UNIBRIGHT FOODS, INC
Violation Date: 04-26-2021
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 05/06/2021. OBSERVATION: Uniform hazardous waste manifests were not available at time of inspection. CORRECTIVE ACTION: Provide this agency with copies of the manifests for the used oil.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 78693
Site Name: UNIBRIGHT FOODS, INC
Violation Date: 08-19-2021
Citation: 19 CCR 4.5 2755.1(b) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.1(b)
Violation Description: Failure to ensure that the process is designed in compliance with recognized and generally accepted good engineering practices.
Violation Notes: OBSERVATION: The owner/operator failed to ensure that the process is designed in compliance with recognized and generally accepted good engineering practices. The owner/operator failed to ensure that combustible materials are properly stored in the machinery room according to IIAR-9 Section 7.3.4 Combustible Materials - Combustible materials shall not be stored in machinery rooms outside of approved fire-rated storage containers. One 55-gallon drum with new oil was observed in the machinery room on a wood pallet at the time of the inspection. CORRECTIVE ACTION: Submit photographs to the UPA demonstrating you have ensured that the new oil is stored according to recognized and generally accepted good engineering practices.
Violation Division: Los Angeles County Fire Department
Violation Program: CalARP
Violation Source: CERS,

UNIBRIGHT FOODS, INC (Continued) **S113138590**

Site ID:	78693
Site Name:	UNIBRIGHT FOODS, INC
Violation Date:	05-10-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 05/10/2019. OBSERVATION: The business failed to electronically submit and certify that the hazardous materials business plan (HMBP) is complete, accurate, and in compliance with EPCRA on or before the annual due date. The last electronic submittal of the HMBP was 2/2/18 and the due date for the latest annual submittal was 3/15/19. During the inspection, Mr. John Ichimoto - Unibright Sales electronically submitted the HMBP in CERS to abate the violation. CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA within 30 days. On an ongoing basis, electronically submit and certify the business plan annually on or before the annual due date.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	78693
Site Name:	UNIBRIGHT FOODS, INC
Violation Date:	08-19-2021
Citation:	19 CCR 4.5 2755.7(c) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.7(c)
Violation Description:	Failure to prepare a summary at the conclusion of the investigation that includes at minimum: 1. Date of incident; 2. Date investigation began; 3. Description of incident; 4. Factors that contributed to the incident; 5. Recommendations resulting from the investigation
Violation Notes:	OBSERVATION: The owner/operator failed to prepare a summary of the investigation at the conclusion of the investigation that includes the date of incident; date investigation began; description of incident (see CORRECTIVE ACTON for additional requirements); factors that contributed to the incident; and recommendations resulting from the investigation. The owner/operator failed to document an incident investigation regarding the previously described release of anhydrous ammonia that occurred approximately 6 months ago as noted above in the Hazardous Materials Handler violation. CORRECTIVE ACTION: Prepare and submit a copy of the incident investigation report to the UPA that includes the date of incident; date investigation began; description of incident (see required items below); factors that contributed to the incident; and recommendations resulting from the investigation (follow the Incident Investigation section in your Risk Management Plan for further [Truncated]
Violation Division:	Los Angeles County Fire Department
Violation Program:	CalARP
Violation Source:	CERS,

Site ID:	78693
Site Name:	UNIBRIGHT FOODS, INC
Violation Date:	06-18-2020
Citation:	19 CCR 4.5 2755.6(d) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.6(d)
Violation Description:	Failure to: 1. Promptly determine and document an appropriate response

UNIBRIGHT FOODS, INC (Continued) **S113138590**

to each of the findings of the compliance audit; 2. Enter into an agreement with the UPA on a timetable for resolution of these findings. Otherwise these responses shall be completed one and one-half (1.5) years after performing the compliance audit, or the next planned turnaround for items requiring a turnaround (these timelines shall not apply to any compliance audit completed prior to January 1, 2015); 3. Document the actual completion dates when deficiencies were corrected.

Violation Notes: Returned to compliance on 08/19/2021. OBSERVATION: The owner/operator failed to promptly determine and document an appropriate response to each of the findings of the compliance audit and document the completion dates when deficiencies have been corrected. The owner/operator failed to complete 8 of 18 findings from the 2014 Compliance Audit and 2 of 9 findings from the 2017 Compliance Audit. Below are examples of the findings not completed: 1. From the 2014 Compliance Audit - Review the operating procedures with the refrigeration contractor. Ensure to document this review. 2. From the 2014 Compliance Audit - Ensure contractors are trained on the Contractor Safety Program. Document this training. 3. From the 2017 Compliance Audit - Invite the fire department onsite to train on Emergency Response. Ensure to document the invitation and training. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating the owner/operator has documented an appropriate response to each of the findings of the [Truncated]

Violation Division: Los Angeles County Fire Department
Violation Program: CalARP
Violation Source: CERS,

Site ID: 78693
Site Name: UNIBRIGHT FOODS, INC
Violation Date: 03-13-1998
Citation: 03001 - Search Title 8 regulations for 4542 A at https://www.dir.ca.gov/title8/index/T8index.asp
Violation Description: Cal/OSHA Violation
Violation Notes: Not reported
Violation Division: Cal/OSHA
Violation Program: OSHA
Violation Source: CERS,

Site ID: 78693
Site Name: UNIBRIGHT FOODS, INC
Violation Date: 05-10-2019
Citation: 19 CCR 4.5 2755.5(b) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.5(b)
Violation Description: Failure to train or cause to be trained each employee involved in maintaining the on-going mechanical integrity of the process in: 1. The hazards of the process; 2. How to avoid or correct unsafe conditions; 3. The procedures applicable to the employee s job tasks.
Violation Notes: Returned to compliance on 06/18/2020. OBSERVATION: The owner/operator failed to train or cause to be trained each employee involved in maintaining the on-going mechanical integrity of the process in: the hazards of the process; how to avoid or correct unsafe conditions; the procedures applicable to the employee s job tasks. Documentation of initial & refresher employee training of the maintenance of the ammonia system is missing. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating each employee involved in maintaining the on-going mechanical integrity of the process is trained in: the

UNIBRIGHT FOODS, INC (Continued) **S113138590**

hazards of the process; how to avoid or correct unsafe conditions; the procedures applicable to the employee s job tasks.
Violation Division: Los Angeles County Fire Department
Violation Program: CalARP
Violation Source: CERS,

Site ID: 78693
Site Name: UNIBRIGHT FOODS, INC
Violation Date: 04-26-2021
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 05/05/2021. OBSERVATION: 6 - 55 gallon drums of used oil were not labeled. CORRECTIVE ACTION: Ensure used oil drums are labeled. Submit a photo of labeled drums to this agency.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 78693
Site Name: UNIBRIGHT FOODS, INC
Violation Date: 06-18-2020
Citation: 19 CCR 4.5 2755.2(e) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.2(e)
Violation Description: Failure to address the following in the hazard review: 1. Document the results of the hazard review and ensure problems identified are resolved; 2. Complete these actions on a timetable agreed upon with the UPA, or within two and one-half (2.5) years of performing the hazard review, or the next planned turnaround, for those items that require a turnaround; 3. Document the final resolution taken to address each recommendation and actual completion date.
Violation Notes: Returned to compliance on 08/19/2021. OBSERVATION: The owner/operator failed to ensure that problems identified in the hazard review were resolved. The owner/operator failed to resolve 10 of 37 recommendations from the 2011 Hazard Review, 6 of 11 recommendations from the 2011 Seismic Assessment, 3 of 3 recommendations from the 2016 Hazard Review, and 12 of 12 recommendations from the 2016 Seismic Assessment. Below are four examples of identified problems that are not resolved: 1. From the 2011 Hazard Review - Ensure the emergency exhaust fan is properly sized (inlet and outlet) 2. From the 2011 Seismic Assessment - High Pressure Receiver, Low Temperature Recirculator, and High Temperature Recirculator need bracing. 3. From the 2016 Hazard Review - Review ammonia detection system to verify it complies with IIAR Standard 2 (2014) criteria. 4. From the 2016 Seismic Assessment - The support skids for Low Temperature and High Temperature Recirculators are corroded. They should be cleaned and painted to [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: CalARP
Violation Source: CERS,

Site ID: 78693
Site Name: UNIBRIGHT FOODS, INC

UNIBRIGHT FOODS, INC (Continued) **S113138590**

Violation Date: 08-19-2021
Citation: 19 CCR 4.5 2755.2(e) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.2(e)
Violation Description: Failure to address the following in the hazard review: 1. Document the results of the hazard review and ensure problems identified are resolved; 2. Complete these actions on a timetable agreed upon with the UPA, or within two and one-half (2.5) years of performing the hazard review, or the next planned turnaround, for those items that require a turnaround; 3. Document the final resolution taken to address each recommendation and actual completion date.
Violation Notes: OBSERVATION: The owner/operator failed to ensure that problems identified in the Hazard Review (HR) were resolved. The owner/operator failed to complete the following 3 out of 37 recommendations from the 2011 HR: 11HR01 Update the piping diagram to reflect the current system (7 items were listed including 11HR19 below) 11HR07 Ensure the emergency exhaust fan is properly sized (inlet and outlet). 11HR19 Verify if there is a valve in the suction line from the Low Temp Recirculator Yes, therefore, update piping diagram. Also, the following 4 out of 11 recommendations from the 2011 Seismic Assessment (SA) have not been completed: 11SA01 - High Pressure Receiver (HPR): Install lateral braces in two directions., 11SA02 - Low Temperature Recirculator (LTR): Install lateral braces in two directions, 11SA04 - High Temperature Recirculator (HTR): Install lateral braces in two directions. At the bottom of pages 6 and on page 38 - A review of [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: CalARP
Violation Source: CERS,

Site ID: 78693
Site Name: UNIBRIGHT FOODS, INC
Violation Date: 03-30-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 03/30/2018. OBSERVATION: One of two 55-gallon drums of waste oil located in the maintenance area was observed without a hazardous waste label. CORRECTIVE ACTION: Violation was corrected on-site. Ensure proper labelling is implemented in the future.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 78693
Site Name: UNIBRIGHT FOODS, INC
Violation Date: 05-10-2019
Citation: 19 CCR 4.5 2755.2(h) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.2(h)
Violation Description: Failure to retain hazard reviews and updates or revalidations for each process covered by 19 CCR 4.5 section 2755.2, as well as the documented resolution of recommendations described in 19 CCR 4.5 section 2755.2(e) for the life of the process.

UNIBRIGHT FOODS, INC (Continued) **S113138590**

Violation Notes:	Returned to compliance on 06/18/2020. OBSERVATION: The owner/operator failed to document resolution of several recommendations for the life of the process. Documentation to resolve several recommendations from the past 2 hazard reviews (3/2/11 & 2/29/16) is missing, including several recommendations from the past 2 seismic assessments (3/28/11 & 3/30/16). CORRECTIVE ACTION: Submit any missing documented resolutions from the past 2 hazard reviews and seismic assessments to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CalARP
Violation Source:	CERS,
Site ID:	78693
Site Name:	UNIBRIGHT FOODS, INC
Violation Date:	06-18-2020
Citation:	19 CCR 4.5 2755.1(b) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.1(b)
Violation Description:	Failure to ensure that the process is designed in compliance with recognized and generally accepted good engineering practices.
Violation Notes:	Returned to compliance on 08/19/2021. OBSERVATION: The owner/operator failed to ensure that the process is designed in compliance with recognized and generally accepted good engineering practices. The owner/operator failed to mark piping that contains anhydrous ammonia according to industry standards found in ANSI/IIAR-2 which indicates the following: Ammonia piping mains, headers, and branches shall be identified with the following information: 1. "AMMONIA". 2. Physical state of ammonia. 3. Relative pressure level of ammonia, being low or high as applicable. 4. Pipe service. 5. Direction flow CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating you have ensured that the process is designed in compliance with recognized and generally accepted good engineering practices as abovementioned.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CalARP
Violation Source:	CERS,
Site ID:	78693
Site Name:	UNIBRIGHT FOODS, INC
Violation Date:	08-19-2021
Citation:	19 CCR 4.5 2755.6(d) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.6(d)
Violation Description:	Failure to: 1. Promptly determine and document an appropriate response to each of the findings of the compliance audit; 2. Enter into an agreement with the UPA on a timetable for resolution of these findings. Otherwise these responses shall be completed one and one-half (1.5) years after performing the compliance audit, or the next planned turnaround for items requiring a turnaround (these timelines shall not apply to any compliance audit completed prior to January 1, 2015); 3. Document the actual completion dates when deficiencies were corrected.
Violation Notes:	OBSERVATION: The owner/operator failed to promptly determine and document an appropriate response to each of the findings of the compliance audit and document the completion dates when deficiencies have been corrected. The owner/operator failed to complete the following 3 out of 18 findings from the 2014 Compliance Audit: 14AUD04 Ensure to complete the 2011 Seismic Recommendations. Document the completion. 14AUD08 Ensure contractors are trained on the Contractor Safety Program. Document this training. 14AUD15 Label the ammonia system per IIAR Bulletin 114. Also, the owner/operator failed to

UNIBRIGHT FOODS, INC (Continued) **S113138590**

complete the following 3 out of 9 findings from the 2017 Compliance Audit: 17AUD02 Ensure to complete the 2016 Seismic Recommendations located in the Revalidation Binder. Document the completion. 17AUD04 Invite the fire department onsite to train on Emergency Response. Ensure to document the invitation and training. 17AUD06 Include an updated [Truncated]

Violation Division: Los Angeles County Fire Department
Violation Program: CalARP
Violation Source: CERS,

Site ID: 78693
Site Name: UNIBRIGHT FOODS, INC
Violation Date: 05-10-2019
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 06/18/2020. OBSERVATION: The business failed to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material including familiarity with the emergency response plan or failure to document and maintain training records for a minimum of three years. Documented initial & refresher employee training is missing. CORRECTIVE ACTION: Establish and electronically submit an employee training program containing provisions to ensure initial and annual training for all employees in safety procedures in the event of a release or threatened release of a hazardous material and document and maintain training records for a minimum of three years.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 78693
Site Name: UNIBRIGHT FOODS, INC
Violation Date: 05-18-2015
Citation: 19 CCR 4.5 2755.2(e) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.2(e)
Violation Description: Failure to document the results of the hazard review and ensure that problems identified are resolved in a timely manner.
Violation Notes: Returned to compliance on 01/04/2017. OBSERVATION: The hazard review including the seismic assessment was conducted in March 2, 2011. A recommendation implementation schedule identified the need to provide safeguards to the ammonia process equipment. The form for the recommendation implementation schedule was not completed to show that the work had been done. CORRECTIVE ACTION: Review the recommendations of the hazard review and seismic assessment. Document the date and name of person who performed the tasks of the recommendations on the implementation schedule. Validate that the work is completed according to the recommendations. Then, acknowledge your review of the completed work. Using your company letterhead, acknowledge the completion of the recommendation schedule. Sign and date the letter. Send it to the CUPA at Los Angeles County Fire Department, Cal ARP Unit, 5825 Rickenbacker Rd., Commerce, CA 90040. Alternatively, call Michael Whitehead at (323) 890-4109 to schedule a follow-up inspection to [Truncated]

UNIBRIGHT FOODS, INC (Continued) **S113138590**

Violation Division:	Los Angeles County Fire Department
Violation Program:	CalARP
Violation Source:	CERS,
Site ID:	78693
Site Name:	UNIBRIGHT FOODS, INC
Violation Date:	05-10-2019
Citation:	19 CCR 4.5 2755.4(e) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.4(e)
Violation Description:	Failure to document initial and refresher training for each employee.
Violation Notes:	Returned to compliance on 06/18/2020. OBSERVATION: The owner/operator failed to document initial and refresher training for each employee. Documentation of initial & refresher employee training is missing including training of the operation procedures of the ammonia system. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating initial and refresher training for each employees has been conducted.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CalARP
Violation Source:	CERS,
Site ID:	78693
Site Name:	UNIBRIGHT FOODS, INC
Violation Date:	08-19-2021
Citation:	19 CCR 4.5 2755.1(a) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.1(a)
Violation Description:	Failure to compile and maintain the following up-to-date safety information related to the regulated substances, processes, and equipment: 1. Material Safety Data Sheets that meet the requirements of Section 5189 of Title 8 of CCR; 2. Maximum intended inventory of equipment in which the regulated substances are stored or processed; 3. Safe upper and lower temperatures, pressures, flows and compositions; 4. Equipment specifications; 5. Codes and standards used to design, build & operate the process.
Violation Notes:	OBSERVATION: The owner/operator failed to compile and maintain the following up-to-date safety information related to the regulated substances, processes, and equipment: Equipment specifications and/or maximum intended inventory of equipment The owner/operator failed to include in the Safety Information: 1. Specifications for the 2-fan evaporator (manufactured by Frick) inside the small blast freezer in the Processing 1 area 2. The correct design specifications and the correct ammonia capacity levels for the High Pressure Receiver, Intercooler, Low Temperature Recirculator, and High Temperature Recirculator. The current documented specifications are for much larger vessels. This violation was escalated to a Class II violation due to non-compliance with the abovementioned items included in a previous NOV dated 8/19/21. The owner/operator did include in the Safety Information the correct maximum operating pressure of 150-pounds per square inch for the High [Truncated]
Violation Division:	Los Angeles County Fire Department
Violation Program:	CalARP
Violation Source:	CERS,
Site ID:	78693
Site Name:	UNIBRIGHT FOODS, INC
Violation Date:	03-04-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

UNIBRIGHT FOODS, INC (Continued) **S113138590**

Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 03/30/2018. OBSERVATION: [Describe containers and what information was missing]. All hazardous waste containers shall be marked with the following information: 1) the words Hazardous Waste ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. - Observed missing Haz Waste label to the one used oil drum. NOTE: a complete label was provided before the end of the inspection. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	78693
Site Name:	UNIBRIGHT FOODS, INC
Violation Date:	05-10-2019
Citation:	19 CCR 4.5 2755.6(d) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.6(d)
Violation Description:	Failure to: 1. Promptly determine and document an appropriate response to each of the findings of the compliance audit; 2. Enter into an agreement with the AA on a timetable for resolution of these findings. Otherwise these responses shall be completed one and one-half (1.5) years after performing the compliance audit, or the next planned turnaround for items requiring a turnaround (these timelines shall not apply to any compliance audit completed prior to January 1, 2015); 3. Document the actual completion dates when deficiencies were corrected.
Violation Notes:	Returned to compliance on 06/18/2020. OBSERVATION: The owner/operator failed to promptly determine and document an appropriate response to each of the findings of the compliance audit and document the completion dates when deficiencies have been corrected. Documentation of responses to several recommendations from the compliance audits dated 3/3/15 and 1/4/18 are missing. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating the owner/operator has documented an appropriate response to each of the findings of the compliance audit including completion dates for deficiencies that have been corrected.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CalARP
Violation Source:	CERS,
Site ID:	78693
Site Name:	UNIBRIGHT FOODS, INC
Violation Date:	05-10-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 05/10/2019. OBSERVATION: The business failed to complete and electronically submit a site map with all required content. The site map is missing the location of nitrogen, new & used oil, and the hazardous materials storage area on the first floor. During the inspection, Mr. John Ichimoto - Unibright Sales

UNIBRIGHT FOODS, INC (Continued) **S113138590**

electronically submitted an updated site map to abate the violation. CORRECTIVE ACTION: Complete and electronically submit a site map with all required content.

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 78693
Site Name: UNIBRIGHT FOODS, INC
Violation Date: 08-19-2021
Citation: 19 CCR 4.5 2755.1(a) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.1(a)
Violation Description: Failure to compile and maintain the following up-to-date safety information related to the regulated substances, processes, and equipment: 1. Material Safety Data Sheets that meet the requirements of Section 5189 of Title 8 of CCR; 2. Maximum intended inventory of equipment in which the regulated substances are stored or processed; 3. Safe upper and lower temperatures, pressures, flows and compositions; 4. Equipment specifications; 5. Codes and standards used to design, build & operate the process.
Violation Notes: OBSERVATION: The owner/operator failed to compile and maintain the following up-to-date safety information related to the regulated substances, processes, and equipment: Equipment specifications; The owner/operator failed to: 1. Include in the Safety Information the 2-fan evaporator (manufactured by Frick) inside the small blast freezer in the Processing 1 area and the new Diffusion Tank at the exterior of the building. 2. Include the correct maximum operating pressure of 150-pounds per square inch (PSI) for the High Temperature Recirculating Tank as observed as the Maximum Allowable Working Pressure on the nameplate of the High Temperature Recirculating Tank. 3. Include in Table 3-2 of the Safety Information, the correct design specifications and the correct ammonia capacity levels for the High Pressure Receiver, Intercooler, Low Temperature Recirculator Tank, and High Temperature Recirculator Tank as current documented specifications are for much larger [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: CalARP
Violation Source: CERS,

Site ID: 78693
Site Name: UNIBRIGHT FOODS, INC
Violation Date: 01-26-2004
Citation: 04001 - Search Title 8 regulations for 4184 B at https://www.dir.ca.gov/title8/index/T8index.asp
Violation Description: Cal/OSHA Violation
Violation Notes: Not reported
Violation Division: Cal/OSHA
Violation Program: OSHA
Violation Source: CERS,

Site ID: 78693
Site Name: UNIBRIGHT FOODS, INC
Violation Date: 06-18-2020
Citation: 19 CCR 4.5 2755.5(d) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.5(d)
Violation Description: Failure to perform or cause to be performed inspections and tests on process equipment that: 1. Follow recognized and generally accepted

UNIBRIGHT FOODS, INC (Continued) **S113138590**

	good engineering practices; 2. The frequency of inspections & tests must be consistent with applicable manufacturer s recommendations, industry standards or codes, good engineering practices and prior operating experience).
Violation Notes:	Returned to compliance on 08/19/2021. OBSERVATION: The owner/operator failed to perform or cause to be performed inspections and tests on process equipment that: follow recognized and generally accepted good engineering practices; the frequency of inspections & tests must be consistent with applicable manufacturer s recommendations, industry standards or codes, good engineering practices and prior operating experience. The owner/operator failed to conduct the following inspections of the anhydrous ammonia refrigeration system according to the Maintenance section of the facility's Risk Management Plan (RMP): 1. No records of daily inspections are available, 2. Weekly inspections have not been conducted since 11/3/17, 3. The last record of an annual inspection is dated 3/19/18. Also, records of Monthly Safety Equipment Inspections have not been maintained. This violation was first issued on 5/10/19 and has been escalated to a Class II violation due to continued failure of conducting and/or maintaining [Truncated]
Violation Division:	Los Angeles County Fire Department
Violation Program:	CalARP
Violation Source:	CERS,
Site ID:	78693
Site Name:	UNIBRIGHT FOODS, INC
Violation Date:	03-30-2018
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 05/03/2018. OBSERVATION: Waste oil in 1-gallon container at refuse area was leaking onto the ground. CORRECTIVE ACTION: Submit photos/documentation to the CUPA demonstrating the spill has been properly removed and managed.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	78693
Site Name:	UNIBRIGHT FOODS, INC
Violation Date:	04-26-2021
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 05/06/2021. OBSERVATION: Facility has

UNIBRIGHT FOODS, INC (Continued) **S113138590**

accumulated used oil over 180 days. CORRECTIVE ACTION: Ensure used oil is not accumulated on-site for more than 180 days.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 78693
Site Name: UNIBRIGHT FOODS, INC
Violation Date: 03-30-2018
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 05/03/2018. OBSERVATION: Uniform Hazardous Waste Manifests for the following waste streams were not available at the time of inspection. Waste oil Oily solids (filters) CORRECTIVE ACTION: Locate a copy of all manifests for the above waste streams and submit to CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 78693
Site Name: UNIBRIGHT FOODS, INC
Violation Date: 08-19-2021
Citation: 19 CCR 4.5 2755.5(d) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.5(d)
Violation Description: Failure to perform or cause to be performed inspections and tests on process equipment that: 1. Follow recognized and generally accepted good engineering practices; 2. The frequency of inspections & tests must be consistent with applicable manufacturer s recommendations, industry standards or codes, good engineering practices and prior operating experience).
Violation Notes: OBSERVATION: The owner/operator failed to perform or cause to be performed inspections and tests on process equipment that: follow recognized and generally accepted good engineering practices; the frequency of inspections & tests must be consistent with applicable manufacturer s recommendations, industry standards or codes, good engineering practices and prior operating experience. The owner/operator failed to perform Monthly Safety Equipment Inspections that include the following list of items: Proper storage of flammable materials Fire extinguishers Escape routes Eyewash stations/safety showers Access doors Postings Exit signs and lights Emergency telephone numbers Walking surfaces Also, the owner/ operator failed to identify and/or address the following problems observed during the inspection: 1. Excessive scaling and what appeared to be green algae at a pipe joint by the Evaporative Condenser located on the roof 2. Corrosion at the [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: CalARP
Violation Source: CERS,

Site ID: 78693
Site Name: UNIBRIGHT FOODS, INC

UNIBRIGHT FOODS, INC (Continued) **S113138590**

Violation Date:	05-10-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 05/10/2019. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. Entries for refrigerated liquid nitrogen, Super Chlor Foam, and Biocatch are missing from the hazardous materials inventory. During the inspection, Mr. John Ichimoto - Unibright Sales electronically submitted a complete hazardous materials inventory in CERS to abate the violation. CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	78693
Site Name:	UNIBRIGHT FOODS, INC
Violation Date:	05-10-2019
Citation:	19 CCR 4.5 2755.5(d) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.5(d)
Violation Description:	Failure to perform or cause to be performed inspections and tests on process equipment that: 1. Follow recognized and generally accepted good engineering practices; 2. The frequency of inspections & tests must be consistent with applicable manufacturer s recommendations, industry standards or codes, good engineering practices and prior operating experience).
Violation Notes:	Returned to compliance on 06/18/2020. OBSERVATION: The owner/operator failed to perform or cause to be performed inspections and tests on process equipment that: follow recognized and generally accepted good engineering practices; the frequency of inspections & tests must be consistent with applicable manufacturer s recommendations, industry standards or codes, good engineering practices and prior operating experience. Documentation of daily, weekly, monthly, quarterly, semi-annual, annual, and 5 year inspections and tests are missing. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the owner/operator performed inspections and tests on process equipment that: follow recognized and generally accepted good engineering practices; the frequency of inspections & tests must be consistent with applicable manufacturer s recommendations, industry standards or codes, good engineering practices and prior operating experience.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CalARP
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-18-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Consent for the routine inspection was provided by Daniel Ogita. There

UNIBRIGHT FOODS, INC (Continued) **S113138590**

	were no violations of the law or regulations on the hazardous materials business plan and inventory program.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-03-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-23-2022
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Mr. John Ichimoto granted consent to conduct the follow-up inspection. The following violations issued on an NOV dated 8/19/21 were abated: -The Incident Investigation violation: Mr. Ichimoto provided a Summary of Incident Investigation Report dated 10/19/20 -The Maintenance violation: Mr. Ichimoto provided documentation showing that Monthly Safety Equipment Inspections were being completed since October of 2021. Also, the following observations were made: the pump by the evaporative condenser was repaired, the corrosion at the base supports to the evaporative condenser was addressed, and the pumps by the High Temperature Recirculator were properly bolted to the base support.
Eval Division:	Los Angeles County Fire Department
Eval Program:	CalARP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-19-2021
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	JOHN ICHIMOTO
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Occupational Safety and Health Administration Inspection
Eval Date:	09-23-2003
Violations Found:	Yes
Eval Type:	Cal/OSHA Inspection
Eval Notes:	Not reported
Eval Division:	Cal/OSHA
Eval Program:	OSHA
Eval Source:	CERS,
Eval General Type:	Occupational Safety and Health Administration Inspection
Eval Date:	02-09-1998
Violations Found:	Yes
Eval Type:	Cal/OSHA Inspection
Eval Notes:	Not reported
Eval Division:	Cal/OSHA

UNIBRIGHT FOODS, INC (Continued) **S113138590**

Eval Program: OSHA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-04-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Tom Politz (Plant Manager)
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Thomas Politz, Maintenance Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-10-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: JOHN ICHIMOTO C6RN-2QEG
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-18-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: The routine inspection of the Cal ARP program was conducted with Thomas Politz. Consent was given by Daniel Ogita.
Eval Division: Los Angeles County Fire Department
Eval Program: CalARP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-18-2020
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Consent granted by John Ichimoto & Daniel Ogita
Eval Division: Los Angeles County Fire Department
Eval Program: CalARP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: JOHN ICHIMOTO
Eval Division: Los Angeles County Fire Department
Eval Program: CalARP
Eval Source: CERS,

UNIBRIGHT FOODS, INC (Continued) **S113138590**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-26-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	John Ichimoto, Assistant Sales Manger
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-10-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	JOHN ICHIMOTO
Eval Division:	Los Angeles County Fire Department
Eval Program:	CalARP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	10-23-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	01-04-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	CalARP
Eval Source:	CERS,

Coordinates:

Site ID:	78693
Facility Name:	UNIBRIGHT FOODS, INC
Env Int Type Code:	CalARP
Program ID:	10281130
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	33.966070
Longitude:	-118.138750

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	DANIEL OGITA
Entity Title:	Not reported
Affiliation Address:	7101 SCOUT AVE.
Affiliation City:	BELL GARDENS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90201
Affiliation Phone:	(562) 818-9797,

UNIBRIGHT FOODS, INC (Continued) **S113138590**

Affiliation Type Desc:	Parent Corporation
Entity Name:	UNIBRIGHT FOODS INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	DANIEL OGITA
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(562) 806-2750,

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	7101 SCOUT AVE
Affiliation City:	BELL GARDENS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90201
Affiliation Phone:	,

Affiliation Type Desc:	Property Owner
Entity Name:	Mercury Overseas,Inc.
Entity Title:	Not reported
Affiliation Address:	830 Mission St.
Affiliation City:	South Pasadena
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91030
Affiliation Phone:	(323) 681-4951,

Affiliation Type Desc:	Document Preparer
Entity Name:	DANIEL OGITA
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

UNIBRIGHT FOODS, INC (Continued) **S113138590**

Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: John Ichimoto
Entity Title: Not reported
Affiliation Address: 7101 Scout Ave.
Affiliation City: Bell Gardens
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90201
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Daniel Ogita
Entity Title: President/CEO
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:
Name: UNIBRIGHT FOODS INC
Address: 7101 SCOUT AVE
Address 2: Not reported
City,State,Zip: BELL GARDENS, CA 90201
EPA ID: CAL000297420
Inactive Date: Not reported
Create Date: 08/15/2005
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 7101 SCOUT AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: BELL GARDENS, CA 902010000
Owner Name: UNIBRIGHT FOODS INC
Owner Address: 7101 SCOUT AVE
Owner Address 2: Not reported
Owner City,State,Zip: BELL GARDENS, CA 902010000
Contact Name: DANIEL OGITA
Contact Address: 7101 SCOUT AVE
Contact Address 2: Not reported
City,State,Zip: BELL GARDENS, CA 90201
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 33.966116
Longitude: -118.138051

NAICS:
EPA ID: CAL000297420
Create Date: 2005-08-15 12:31:20.830
NAICS Code: 99999
NAICS Description: Not Otherwise Specified
Issued EPA ID Date: 2005-08-15 12:31:20.77000

UNIBRIGHT FOODS, INC (Continued) **S113138590**

Inactive Date:	Not reported
Facility Name:	UNIBRIGHT FOODS INC
Facility Address:	7101 SCOUT AVE
Facility Address 2:	Not reported
Facility City:	BELL GARDENS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	90201

B5 **WESTERN TREAT CO** **SWEEPS UST** **S106934395**
West **7101 S SCOUT ST** **N/A**
< 1/8 **BELL GARDENS, CA**
0.084 mi.
444 ft. **Site 3 of 12 in cluster B**

Relative: **Lower**
Actual: **132 ft.**

SWEEPS UST:

Name:	WESTERN TREAT CO
Address:	7101 S SCOUT ST
City:	BELL GARDENS
Status:	Active
Comp Number:	4505
Number:	9
Board Of Equalization:	Not reported
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

B6 **FRONTIER FOODS, INC.** **HIST UST** **U001562587**
West **7101 SCOUT AVE** **N/A**
< 1/8 **BELL GARDENS, CA 90201**
0.084 mi.
444 ft. **Site 4 of 12 in cluster B**

Relative: **Lower**
Actual: **132 ft.**

HIST UST:

Name:	FRONTIER FOODS, INC.
Address:	7101 SCOUT AVE
City,State,Zip:	BELL GARDENS, CA 90201
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000004045
Facility Type:	Other
Other Type:	DISTRIBUTOR
Contact Name:	RICHARD PALACIOS
Telephone:	2139276696
Owner Name:	FRONTIER FOODS, INC.

FRONTIER FOODS, INC. (Continued) **U001562587**

Owner Address:	7101 SOUTH SCOUT AVENUE
Owner City,St,Zip:	BELL GARDENS, CA 90201
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1975
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	3/16
Leak Detection:	None

B7 **UNIBRIGHT FOODS INC** **RCRA NonGen / NLR** **1024811954**
West **7101 SCOUT AVE** **CAL000297420**
< 1/8 **BELL GARDENS, CA 90201**
0.084 mi.
444 ft. **Site 5 of 12 in cluster B**

Relative: **Lower**

Actual: **132 ft.**

RCRA Listings:

Date Form Received by Agency:		20050815
Handler Name:	UNIBRIGHT FOODS INC	
Handler Address:		7101 SCOUT AVE
Handler City,State,Zip:		BELL GARDENS, CA 90201
EPA ID:		CAL000297420
Contact Name:		DANIEL OGITA
Contact Address:		7101 SCOUT AVE
Contact City,State,Zip:		BELL GARDENS, CA 90201
Contact Telephone:		562-806-3221
Contact Fax:		562-806-2083
Contact Email:		DO@UNIBRIGHTFOODS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		7101 SCOUT AVE
Mailing City,State,Zip:		BELL GARDENS, CA 90201-0000
Owner Name:	UNIBRIGHT FOODS INC	
Owner Type:		Other
Operator Name:	DANIEL OGITA	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes

UNIBRIGHT FOODS INC (Continued) **1024811954**

Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: DANIEL OGITA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7101 SCOUT AVE
Owner/Operator City,State,Zip:	BELL GARDENS, CA 90201
Owner/Operator Telephone:	562-806-3221
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

UNIBRIGHT FOODS INC (Continued) **1024811954**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: UNIBRIGHT FOODS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 7101 SCOUT AVE
Owner/Operator City,State,Zip: BELL GARDENS, CA 90201-0000
Owner/Operator Telephone: 562-806-3221
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20050815
Handler Name: UNIBRIGHT FOODS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C8 **KELBY CONSTRUCTION** **SWF/LF** **U001562579**
NNW **6920 FOSTER BRIDGE BLVD** **AST** **N/A**
< 1/8 **BELL GARDENS, CA 91201** **CERS HAZ WASTE**
0.090 mi. **SWEEPS UST**
475 ft. **Site 1 of 3 in cluster C** **HIST UST**
CERS TANKS
Relative: **EMI**
Lower **HAZNET**
Actual: **CERS**
133 ft. **HWTS**

LOS ANGELES CO. LF:
Name: AAA RUBBISH, INC.
Address: 6920 FOSTER BRIDGE BLVD.
City,State,Zip: BELL GARDENS, CA 90202
Site ID: 246
Alt. Site Name: Not reported

KELBY CONSTRUCTION (Continued) **U001562579**

Alt. Address:	Not reported
Site Contact:	Not reported
Site Contact Phone:	(800) 310-2248
Site Email:	nunufar@aol.com
Site Website:	www.aaarubbish.com
Site Type:	Waste Hauler
Site SWIS Number:	19-AS-0192
Beginning Operation Date:	Not reported
Ending Operation Date:	Not reported
Local Enforcement Agency:	Not reported
Maximun Depth Fill(Ft):	Not reported
Permitted Capacity:	Not reported
Present Use:	Not reported
Remaining Capacity(Million):	Not reported
Status:	Active
Waste Accepted:	Not reported
Hours of Operation:	Mon to Fri, 7 AM - 5 PM
Disposal Area (Acre):	Not reported

Detail As Of 01/2014:

Operator Name:	AAA Rubbish Inc.
Operator Address:	P O Box 2158 Avfd
Operator City/State/Zip:	Bell Gardens, CA 90202-2158
Operator Contact:	Matt Kotanjian
Operator Telephone:	(800) 310-2248
Operator Email:	nunufar@aol.com
Owner Name:	Unknown
Owner Address:	Not reported
Owner City/State/Zip:	Not reported
Owner Contact:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
District:	4
Site Mailing Address:	Not reported

AST:

Name:	AAA RUBBISH INC
Address:	6920 FOSTER BRIDGE BLVD
City/Zip:	BELL GARDENS,90201
Certified Unified Program Agencies:	Not reported
Owner:	AAA RUBBISH INC
Total Gallons:	Not reported
CERSID:	10268650
Facility ID:	LACoFA0011481
Business Name:	AAA RUBBISH INC
Phone:	(562) 927-9669
Fax:	Not reported
Mailing Address:	PO BOX 2158
Mailing Address City:	BELL GARDENS
Mailing Address State:	CA
Mailing Address Zip Code:	90202
Operator Name:	MATTHEW KOTANJIAN
Operator Phone:	(562) 927-9669x200
Owner Phone:	(562) 927-9669
Owner Mail Address:	PO BOX 2158
Owner State:	CA
Owner Zip Code:	90202

KELBY CONSTRUCTION (Continued) **U001562579**

Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	CAC002687620

CERS HAZ WASTE:

Name:	AAA RUBBISH INC
Address:	6920 FOSTER BRIDGE BLVD
City,State,Zip:	BELL GARDENS, CA 90201
Site ID:	2449
CERS ID:	10268650
CERS Description:	Hazardous Waste Generator

SWEEPS UST:

Name:	KELBY CONSTRUCTION
Address:	6920 FOSTER BRIDGE BLVD
City:	BELL GARDENS
Status:	Active
Comp Number:	11559
Number:	1
Board Of Equalization:	Not reported
Referral Date:	12-04-90
Action Date:	12-04-90
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

Name:	KELBY CONSTRUCTION
Address:	6920 FOSTER BRIDGE BLVD
City:	BELL GARDENS
Status:	Not reported
Comp Number:	11559
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:	19-070-011559-000001
Tank Status:	Not reported
Capacity:	4000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT

KELBY CONSTRUCTION (Continued) **U001562579**

Content: DIESEL
Number Of Tanks: 3

Name: KELBY CONSTRUCTION
Address: 6920 FOSTER BRIDGE BLVD
City: BELL GARDENS
Status: Not reported
Comp Number: 11559
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: 19-070-011559-000002
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: KELBY CONSTRUCTION
Address: 6920 FOSTER BRIDGE BLVD
City: BELL GARDENS
Status: Not reported
Comp Number: 11559
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: 19-070-011559-000003
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

HIST UST:
Name: COMPANY OFFICE AND YARD
Address: 6920 FOSTER BRIDGE BLVD
City,State,Zip: BELL GARDENS, CA 90201
File Number: 000272FE
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000272FE.pdf
Region: STATE
Facility ID: 00000003763
Facility Type: Other
Other Type: CONSTRUCTION
Contact Name: D. E. KELBEY
Telephone: 2137735355
Owner Name: KELBEY CONSTRUCTION, INC.
Owner Address: 6920 FOSTER BRIDGE BLVD.

KELBY CONSTRUCTION (Continued) **U001562579**

Owner City,St,Zip: BELL GARDENS, CA 90201
Total Tanks: 0003

Tank Num: 001
Container Num: 1
Year Installed: 1980
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1980
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: 1980
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

CERS TANKS:
Name: AAA RUBBISH INC
Address: 6920 FOSTER BRIDGE BLVD
City,State,Zip: BELL GARDENS, CA 90201
Site ID: 2449
CERS ID: 10268650
CERS Description: Aboveground Petroleum Storage

EMI:
Name: KELBEY CONSTRUCTION
Address: 6920 FOSTER BRIDGE BL
City,State,Zip: BELL GARDENS, CA 91201
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 30256
Air District Name: SC
SIC Code: 1522
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

KELBY CONSTRUCTION (Continued) **U001562579**

NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: KELBEY CONSTRUCTION
Address: 6920 FOSTER BRIDGE BL
City,State,Zip: BELL GARDENS, CA 91201
Year: 1993
County Code: 19
Air Basin: SC
Facility ID: 30256
Air District Name: SC
SIC Code: 1522
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: KELBEY CONSTRUCTION
Address: 6920 FOSTER BRIDGE BL
City,State,Zip: BELL GARDENS, CA 91201
Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 30256
Air District Name: SC
SIC Code: 1522
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

HAZNET:
Name: AAA RUBBISH INC
Address: 6920 FOSTER BRIDGE BLVD
Address 2: Not reported
City,State,Zip: BELL GARDENS, CA 90201
Contact: MATTHEW KOTANJIAN/GENERAL MGR.
Telephone: 5659279669
Mailing Name: Not reported
Mailing Address: PO BOX 2158

Year: 2015
Gepaid: CAL000288498

KELBY CONSTRUCTION (Continued) **U001562579**

TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.15

Year: 2015
Gepaid: CAL000288498
TSD EPA ID: CAT080013352
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.198

Year: 2013
Gepaid: CAL000288498
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.15

Additional Info:
Year: 2015
Gen EPA ID: CAL000288498

Shipment Date: 20150724
Creation Date: 9/23/2015 22:15:29
Receipt Date: 20150730
Manifest ID: 002727776GBF
Trans EPA ID: CAR000129254
Trans Name: BENNY'S MAINTENANCE AND OIL FILTER RECYCLING INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO/KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.198
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150220
Creation Date: 5/6/2015 22:15:19
Receipt Date: 20150223
Manifest ID: 002408433GBF
Trans EPA ID: CAR000129254
Trans Name: BENNY'S MAINTENANCE AND OIL FILTER RECYCLING INC
Trans 2 EPA ID: Not reported

KELBY CONSTRUCTION (Continued) **U001562579**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAL000288498
Shipment Date:	20130807
Creation Date:	9/26/2013 22:15:06
Receipt Date:	20130812
Manifest ID:	002023295GBF
Trans EPA ID:	CAR000129254
Trans Name:	BENNY'S MAINTENANCE AND OIL FILTER RECYCLING INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	AAA RUBBISH INC
Address:	6920 FOSTER BRIDGE BLVD
City,State,Zip:	BELL GARDENS, CA 90201
Site ID:	2449
CERS ID:	10268650
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	2449

KELBY CONSTRUCTION (Continued) **U001562579**

Site Name:	AAA RUBBISH INC
Violation Date:	02-04-2022
Citation:	HSC 6.67 25270.6(a)(1), 25270.6(a)(2) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.6(a)(1), 25270.6(a)(2)
Violation Description:	Failure to submit a tank facility statement on or before January 1 annually unless a current Business Plan has been submitted.
Violation Notes:	Returned to compliance on 02/04/2022. OBSERVATION: Failure to submit a Tank Facility Statement or Business Plan. CORRECTIVE ACTION: Submit a Tank Facility Statement or Business Plan. Violation was corrected onsite.
Violation Division:	Los Angeles County Fire Department
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	2449
Site Name:	AAA RUBBISH INC
Violation Date:	08-05-2019
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 08/14/2019. OB. OBSERVATION: Uniform Hazardous Waste Manifests were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests and submit copies to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	2449
Site Name:	AAA RUBBISH INC
Violation Date:	07-15-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended.
Violation Notes:	Returned to compliance on 07/29/2016. OBSERVATION: Failure to maintain SPCC plan onsite (applies if facility is manned at least four (4) hours per day). SPCC plan is not maintained onsite. CORRECTIVE ACTION: Maintain SPCC plan onsite (If facility staffed 4 hrs/day)
Violation Division:	Los Angeles County Fire Department
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	2449
Site Name:	AAA RUBBISH INC
Violation Date:	08-05-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to prepare an SPCC Plan that meets all applicable requirements.
Violation Notes:	Returned to compliance on 08/14/2019. OBSERVATION: Failure to prepare SPCC. Spcc is not available on site. CORRECTIVE ACTION: Prepare SPCC.

KELBY CONSTRUCTION (Continued) **U001562579**

	Submit copy of SPCC to the CUPA
Violation Division:	Los Angeles County Fire Department
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	2449
Site Name:	AAA RUBBISH INC
Violation Date:	02-04-2022
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 02/04/2022. OBSERVATION: (1) 200 gal container of used oil located in the maintenance area was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled. Violation was corrected onsite.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	2449
Site Name:	AAA RUBBISH INC
Violation Date:	07-15-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 01/11/2017. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page for 2x55 gal drums of coolant to the CUPA. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS).
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	2449
Site Name:	AAA RUBBISH INC
Violation Date:	02-04-2022
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 02/04/2022. OBSERVATION: The business failed to electronically submit complete and accurate chemical inventory information for all hazardous materials on site at or above reportable quantities. CORRECTIVE ACTION: Electronically submit complete and accurate chemical inventory information for all hazardous materials on site at or above reportable quantities.
Violation Division:	Los Angeles County Fire Department

KELBY CONSTRUCTION (Continued) **U001562579**

Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-15-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Matthew Kotanjian
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-05-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Consent given by Mark Kotanjian, Vice-President
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-05-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Consent given by Mark Kotanjian, Vice-President
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-04-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Matthew Kotanjian - VP
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-15-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Matthew Kotanjian
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

KELBY CONSTRUCTION (Continued) **U001562579**

Eval General Type: Other/Unknown
Eval Date: 07-29-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-04-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Matthew Kotanjian - VP
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-15-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Matthew Kotanjian
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-05-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Consent given by Mark Kotanjian, Vice- Pressident
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-11-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-04-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Matthew Kotanjian - VP
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS,

Coordinates:
Site ID: 2449
Facility Name: AAA RUBBISH INC

KELBY CONSTRUCTION (Continued) **U001562579**

Env Int Type Code:	HWG
Program ID:	10268650
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	33.967630
Longitude:	-118.137670

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	GREGORY KOTANJIAN
Entity Title:	Not reported
Affiliation Address:	matthew@aaarubbish.com
Affiliation City:	Bell Gardens
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90202
Affiliation Phone:	(562) 927-9669,

Affiliation Type Desc:	Document Preparer
Entity Name:	Matthew Kotanjian
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	MATTHEW KOTANJIAN
Entity Title:	Not reported
Affiliation Address:	P.O. Box 2158
Affiliation City:	Bell Gardens
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90202
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Matthew Kotanjian
Entity Title:	Vice-Prssident
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000,

KELBY CONSTRUCTION (Continued) **U001562579**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	69020 Foster Bridge Blvd.
Affiliation City:	Bell Gardens
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90201
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	AAA RUBBISH INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	AAA Rubbish Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(562) 927-9669,

HWTS:

Name:	AAA RUBBISH INC
Address:	6920 FOSTER BRIDGE BLVD
Address 2:	Not reported
City,State,Zip:	BELL GARDENS, CA 90201
EPA ID:	CAL000288498
Inactive Date:	Not reported
Create Date:	11/23/2004
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 2158
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BELL GARDENS, CA 902020000
Owner Name:	GREGORY KOTANJIAN
Owner Address:	6920 FOSTER BRIDGE BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	BELL GARDENS, CA 902010000
Contact Name:	MATTHEW KOTANJIAN
Contact Address:	PO BOX 2158
Contact Address 2:	Not reported
City,State,Zip:	BELL GARDENS, CA 90202
Facility Status:	Active
Facility Type:	PERMANENT
Category:	STATE
Latitude:	33.967976
Longitude:	-118.137708

KELBY CONSTRUCTION (Continued) **U001562579**

NAICS:

EPA ID:	CAL000288498
Create Date:	2004-11-23 14:43:48.557
NAICS Code:	562119
NAICS Description:	Other Waste Collection
Issued EPA ID Date:	2004-11-23 14:43:48.55700
Inactive Date:	Not reported
Facility Name:	AAA RUBBISH INC
Facility Address:	6920 FOSTER BRIDGE BLVD
Facility Address 2:	Not reported
Facility City:	BELL GARDENS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	90201

C9 **AAA RUBBISH INC** **RCRA NonGen / NLR** **1024810200**
NNW **6920 FOSTER BRIDGE BLVD** **CAL000288498**
< 1/8 **BELL GARDENS, CA 90201**
0.090 mi.
475 ft. **Site 2 of 3 in cluster C**

Relative: **Lower**

Actual: **133 ft.**

RCRA Listings:

Date Form Received by Agency:		20041123
Handler Name:	AAA RUBBISH INC	
Handler Address:		6920 FOSTER BRIDGE BLVD
Handler City,State,Zip:		BELL GARDENS, CA 90201
EPA ID:		CAL000288498
Contact Name:		MATTHEW KOTANJIAN
Contact Address:		PO BOX 2158
Contact City,State,Zip:		BELL GARDENS, CA 90202
Contact Telephone:		565-927-9669
Contact Fax:		562-927-0399
Contact Email:		MATTHEW@AAARUBBISH.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 2158
Mailing City,State,Zip:		BELL GARDENS, CA 90202-0000
Owner Name:	GREGORY KOTANJIAN	
Owner Type:		Other
Operator Name:	MATTHEW KOTANJIAN	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No

AAA RUBBISH INC (Continued) **1024810200**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: GREGORY KOTANJIAN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6920 FOSTER BRIDGE BLVD

AAA RUBBISH INC (Continued) **1024810200**

Owner/Operator City,State,Zip: BELL GARDENS, CA 90201-0000
Owner/Operator Telephone: 562-927-9669
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MATTHEW KOTANJIAN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 2158
Owner/Operator City,State,Zip: BELL GARDENS, CA 90202
Owner/Operator Telephone: 565-927-9669
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20041123
Handler Name: AAA RUBBISH INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 562119
NAICS Description: OTHER WASTE COLLECTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

10 **WELL 07 (OLD WELL 302)** **PFAS** **S127520048**
SE **N/A**
< 1/8 **DOWNEY, CA**
0.091 mi.
480 ft.

Relative: PFAS:
Lower
Name: WELL 07 (OLD WELL 302)
Actual: Address: Not reported
133 ft. City,State,Zip: DOWNEY, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported

WELL 07 (OLD WELL 302) (Continued) **S127520048**

Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910034
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA1910034_009_009
Matrix:	Liquid
Chemical:	PFBSA
Qualifier:	=
Value:	6.8
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	6.8
Units:	NG/L
Date:	6/22/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	33.964507
Longitude:	-118.135074
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034
Name:	WELL 07 (OLD WELL 302)
Address:	Not reported
City,State,Zip:	DOWNEY, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910034
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported

WELL 07 (OLD WELL 302) (Continued) **S127520048**

source_type:	All PFAS Chemicals
Location ID:	CA1910034_009_009
Matrix:	Liquid
Chemical:	9ClPF3ONS
Qualifier:	<
Value:	2
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/22/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	33.964507
Longitude:	-118.135074
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034

Name:	WELL 07 (OLD WELL 302)
Address:	Not reported
City,State,Zip:	DOWNEY, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910034
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA1910034_009_009
Matrix:	Liquid
Chemical:	PFNDCA
Qualifier:	<
Value:	2
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/22/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	33.964507

WELL 07 (OLD WELL 302) (Continued) **S127520048**

Longitude: -118.135074
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034

Name: WELL 07 (OLD WELL 302)
Address: Not reported
City,State,Zip: DOWNEY, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0601910034
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: CA1910034_009_009
Matrix: Liquid
Chemical: 11ClPF3OUDS
Qualifier: <
Value: 2
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 6/22/2021
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 33.964507
Longitude: -118.135074
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034

Name: WELL 07 (OLD WELL 302)
Address: Not reported
City,State,Zip: DOWNEY, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0601910034
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported

WELL 07 (OLD WELL 302) (Continued) **S127520048**

Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA1910034_009_009
Matrix:	Liquid
Chemical:	PFUNDCA
Qualifier:	<
Value:	2
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/22/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	33.964507
Longitude:	-118.135074
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034
Name:	WELL 07 (OLD WELL 302)
Address:	Not reported
City,State,Zip:	DOWNEY, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910034
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA1910034_009_009
Matrix:	Liquid
Chemical:	NMEFOSAA
Qualifier:	<
Value:	2
Reporting Limit:	Not reported

WELL 07 (OLD WELL 302) (Continued) **S127520048**

Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 6/22/2021
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 33.964507
Longitude: -118.135074
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034

Name: WELL 07 (OLD WELL 302)
Address: Not reported
City,State,Zip: DOWNEY, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0601910034
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: CA1910034_009_009
Matrix: Liquid
Chemical: PFTRIDA
Qualifier: <
Value: 2
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 6/22/2021
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 33.964507
Longitude: -118.135074
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034

Name: WELL 07 (OLD WELL 302)
Address: Not reported
City,State,Zip: DOWNEY, CA
Envirostor ID: Not reported

WELL 07 (OLD WELL 302) (Continued) **S127520048**

Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910034
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA1910034_009_009
Matrix:	Liquid
Chemical:	NETFOSAA
Qualifier:	<
Value:	2
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/22/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	33.964507
Longitude:	-118.135074
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034

Name:	WELL 07 (OLD WELL 302)
Address:	Not reported
City,State,Zip:	DOWNEY, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910034
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

WELL 07 (OLD WELL 302) (Continued) **S127520048**

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA1910034_009_009
Matrix:	Liquid
Chemical:	PFNA
Qualifier:	=
Value:	3.3
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/22/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	33.964507
Longitude:	-118.135074
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034

Name:	WELL 07 (OLD WELL 302)
Address:	Not reported
City,State,Zip:	DOWNEY, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910034
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA1910034_009_009
Matrix:	Liquid
Chemical:	PFTEDA
Qualifier:	<
Value:	2
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/22/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells

WELL 07 (OLD WELL 302) (Continued) **S127520048**

Site Type:	DDW Well
Latitude:	33.964507
Longitude:	-118.135074
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034

Name:	WELL 07 (OLD WELL 302)
Address:	Not reported
City,State,Zip:	DOWNEY, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910034
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA1910034_009_009
Matrix:	Liquid
Chemical:	PFHXSA
Qualifier:	=
Value:	3.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/22/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	33.964507
Longitude:	-118.135074
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034

Click this hyperlink while viewing on your computer to access
62 additional CA PFAS: record(s) in the EDR Site Report.

B11 **BARBER WELDING & MFG** **CERS HAZ WASTE** **1007737013**
West **7171 SCOUT AVE** **SWEEPS UST** **N/A**
< 1/8 **BELL GARDENS, CA 90201** **FINDS**
0.100 mi. **ECHO**
530 ft. **Site 6 of 12 in cluster B** **CERS**
HWTS

Relative:
Lower

Actual:
132 ft.

CERS HAZ WASTE:

Name:	NORCHEM CORPORATION
Address:	7171 SCOUT AVE
City,State,Zip:	BELL GARDENS, CA 90201
Site ID:	387507
CERS ID:	10280149
CERS Description:	Hazardous Waste Generator

SWEEPS UST:

Name:	BARBER WELDING & MFG
Address:	7171 SCOUT AVE
City:	BELL GARDENS
Status:	Active
Comp Number:	11778
Number:	9
Board Of Equalization:	44-009487
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-011778-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	1

FINDS:
Registry ID: 110071191539

Click Here for FRS Facility Detail Report:

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.
Registry ID: 110018946676

Click Here for FRS Facility Detail Report:

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

BARBER WELDING & MFG (Continued) **1007737013**

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:	1007737013
Registry ID:	110018946676
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110018946676
Name:	BARBER WELDING & MFG
Address:	7171 SCOUT AVE
City,State,Zip:	BELL GARDENS, CA 90201

CERS:

Name:	NORCHEM CORPORATION
Address:	7171 SCOUT AVE
City,State,Zip:	BELL GARDENS, CA 90201
Site ID:	387507
CERS ID:	10280149
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	387507
Site Name:	NORCHEM CORPORATION
Violation Date:	05-30-2019
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 05/30/2019. OBSERVATION: Floor Sweep was observed outside Hazardous Waste container. CORRECTIVE ACTION: Submit photos/documentation to the CUPA demonstrating the spill has been properly removed and managed.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,

Site ID:	387507
Site Name:	NORCHEM CORPORATION
Violation Date:	05-11-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/02/2016. OBSERVATION: All hazardous waste containers shall be marked with the following information: 1) the words Hazardous Waste ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. Observed 1 x 55 gallon drum used for

BARBER WELDING & MFG (Continued) **1007737013**

satellite accumulation of used coolant, without the required hazardous waste label. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 387507
Site Name: NORCHEM CORPORATION
Violation Date: 07-07-2021
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 07/16/2021. OBSERVATION: The generator has not obtained an Identification Number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without obtaining an Identification Number. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that you have obtained an Identification Number.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 387507
Site Name: NORCHEM CORPORATION
Violation Date: 07-07-2021
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 07/16/2021. OBSERVATION: The business failed to establish and implement a business plan when handling hazardous materials at or above the reportable threshold quantities. CORRECTIVE ACTION: Establish and implement a business plan for the facility. Submit documentation of correction to the unified program agency.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 387507
Site Name: NORCHEM CORPORATION
Violation Date: 05-30-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 07/17/2019. OBSERVATION: Submitted inventory was not complete. Largest container size was missing. CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities.

BARBER WELDING & MFG (Continued) **1007737013**

Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	387507
Site Name:	NORCHEM CORPORATION
Violation Date:	05-30-2019
Citation:	HSC 6.5 25143.9 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.9
Violation Description:	Failure to manage a recyclable material pursuant to HSC 6.5 25143.2(b), (c), or (d).
Violation Notes:	Returned to compliance on 06/28/2019. OBSERVATION: Owner/Operator failed to manage a recyclable material pursuant to HSC 6.5 25143.2(b), (c), or (d). CORRECTIVE ACTION: Submit documentation demonstrating compliance with HSC 6.5 25143.2(b), (c), or (d) for any material you claim qualifies as an excluded recyclable material, or indicate that this material is to be managed as a hazardous waste.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	387507
Site Name:	NORCHEM CORPORATION
Violation Date:	05-11-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/02/2016. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory information for the following - 1) 1 x 55 gallon drum containing used oil. 2) 2 x 55 gallon drums containing used antifreeze. 3) 1 x 55 gallon Formula 815 MX. 4) 1 x 55 gallon Mirachem 500. 5) 1 x 55 gallon Rustlick WS-5050. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS).
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-11-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Ashley Kingston, Quality Assurance.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-11-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Ashley Kingston, Quality Assurance.

BARBER WELDING & MFG (Continued) **1007737013**

Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-30-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Kristin M. Morris, HR
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-30-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Kristin M. Morris, HR
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-07-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Daniel Soussa, Operational Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-02-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-02-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-07-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Daniel Soussa, Operations Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

BARBER WELDING & MFG (Continued) **1007737013**

Coordinates:

Site ID:	387507
Facility Name:	NORCHEM CORPORATION
Env Int Type Code:	HMBP
Program ID:	10280149
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	33.965720
Longitude:	-118.139030

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Karineh Minssian
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Gevork Kevin Minssian
Entity Title:	President/CEO
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	NORCHEM CORPORATION
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(800) 442-4360,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Daniel Soussa
Entity Title:	Not reported
Affiliation Address:	5649 Alhambra Ave
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90032
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	5649 Alhambra Ave
Affiliation City:	Los Angeles

BARBER WELDING & MFG (Continued) **1007737013**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90032
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: NORCHEM CORPORATION
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000,

Affiliation Type Desc: Legal Owner
Entity Name: NORCHEM CORPORATION
Entity Title: Not reported
Affiliation Address: 5649 Alhambra Ave
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90032
Affiliation Phone: (323) 221-0221,

HWTS:
Name: NORCHEM CORPORATION
Address: 7171 SCOUT AVE
Address 2: Not reported
City,State,Zip: BELL GARDENS, CA 90201
EPA ID: CAL000466860
Inactive Date: Not reported
Create Date: 11/18/2021
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 5649 ALHAMBRA AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: LOS ANGELES, CA 90032
Owner Name: NORCHEM CORPORATION
Owner Address: 5649 ALHAMBRA AVE
Owner Address 2: Not reported
Owner City,State,Zip: LOS ANGELES, CA 90032
Contact Name: DANIEL SOUSSA
Contact Address: 7171 SCOUT AVE
Contact Address 2: Not reported
City,State,Zip: BELL GARDENS, CA 90201

BARBER WELDING & MFG (Continued) **1007737013**

Facility Status:	Active
Facility Type:	PERMANENT
Category:	STATE
Latitude:	33.96578101
Longitude:	-118.138974

B12 **NORCHEM CORPORATION** **RCRA NonGen / NLR** **1027093302**
West **7171 SCOUT AVE** **CAL000466860**
< 1/8 **BELL GARDENS, CA 90201**
0.100 mi.
530 ft. **Site 7 of 12 in cluster B**

Relative: **Lower**
Actual: **132 ft.**

RCRA Listings:

Date Form Received by Agency:		20211118
Handler Name:	NORCHEM CORPORATION	
Handler Address:		7171 SCOUT AVE
Handler City,State,Zip:		BELL GARDENS, CA 90201
EPA ID:		CAL000466860
Contact Name:		DANIEL SOUSSA
Contact Address:		7171 SCOUT AVE
Contact City,State,Zip:		BELL GARDENS, CA 90201
Contact Telephone:		323-221-0221
Contact Fax:		323-227-8733
Contact Email:		DANIEL@NORCHEMCORP.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		5649 ALHAMBRA AVE
Mailing City,State,Zip:		LOS ANGELES, CA 90032
Owner Name:	NORCHEM CORPORATION	
Owner Type:		Other
Operator Name:	DANIEL SOUSSA	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported

NORCHEM CORPORATION (Continued) **1027093302**

Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20211122
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: NORCHEM CORPORATION	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5649 ALHAMBRA AVE
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90032
Owner/Operator Telephone:	323-221-0221
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: DANIEL SOUSSA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

NORCHEM CORPORATION (Continued) **1027093302**

Owner/Operator Address: 7171 SCOUT AVE
Owner/Operator City,State,Zip: BELL GARDENS, CA 90201
Owner/Operator Telephone: 323-221-0221
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20211118
Handler Name: NORCHEM CORPORATION
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 339999
NAICS Description: ALL OTHER MISCELLANEOUS MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B13 **BARBER WELDING 7 MFG** **RCRA-SQG** **1000820244**
West **7171 SCOUT AVE** **HIST UST** **CAD983662784**
< 1/8 **BELL GARDENS, CA 90201** **LOS ANGELES CO. HMS**
0.100 mi.
530 ft. **Site 8 of 12 in cluster B**

Relative: **Lower**
Actual: **132 ft.**

RCRA Listings:
Date Form Received by Agency: 19930323
Handler Name: BARBER WELDING 7 MFG
Handler Address: 7171 SCOUT AVE
Handler City,State,Zip: BELL GARDENS, CA 90201
EPA ID: CAD983662784
Contact Name: DOUGLAS BARBER
Contact Address: 7171 SCOUT AVE
Contact City,State,Zip: BELL GARDENS, CA 90201
Contact Telephone: 310-928-2570
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported

BARBER WELDING 7 MFG (Continued) **1000820244**

Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		7171 SCOUT AVE
Mailing City,State,Zip:		BELL GARDENS, CA 90201
Owner Name:	DOUGLAS BARBER	
Owner Type:		Private
Operator Name:	Not reported	
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported

BARBER WELDING 7 MFG (Continued) **1000820244**

Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: DOUGLAS BARBER	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7171 SCOUT AVE
Owner/Operator City,State,Zip:	BELL GARDENS, CA 90201
Owner/Operator Telephone:	310-928-2570
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19930323
Handler Name: BARBER WELDING 7 MFG	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332313
NAICS Description:	PLATE WORK MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

HIST UST:

Name:	BARBER WELDING AND MANUFACTURI
Address:	7171 SCOUT AVENUE
City,State,Zip:	BELL GARDENS, CA 90201
File Number:	00026695
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026695.pdf

BARBER WELDING 7 MFG (Continued) **1000820244**

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:

LOS ANGELES CO. HMS:

Name:	BARBER WELDING & MFG CO
Address:	7171 SCOUT AVE
City,State,Zip:	BELL GARDENS, CA 90201
Region:	LA
Permit Category:	T
Facility Id:	011717-011778
Facility Type:	0
Facility Status:	Removed
Area:	3Y
Permit Number:	00003371T
Permit Status:	Removed

B14 **BARBER WELDING AND MANUFACTURI** **HIST UST** **U001562572**
West **7171 SCOUT AVE** **N/A**
< 1/8 **BELL GARDENS, CA 90201**
0.100 mi.
530 ft. **Site 9 of 12 in cluster B**

Relative: HIST UST:
Lower

Actual:
132 ft.

Name:	BARBER WELDING AND MANUFACTURI
Address:	7171 SCOUT AVE
City,State,Zip:	BELL GARDENS, CA 90201
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000050713
Facility Type:	Other
Other Type:	MANUFACTURING
Contact Name:	Not reported
Telephone:	2139282570
Owner Name:	BARBER WELDING AND MANUFACTURI
Owner Address:	7171 SCOUT AVENUE
Owner City,St,Zip:	BELL GARDENS, CA 90201
Total Tanks:	0001

BARBER WELDING AND MANUFACTURI (Continued) **U001562572**

Tank Num:	001
Container Num:	1
Year Installed:	1982
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	None

C15 **AAA RUBBISH, INC.** **LOS ANGELES CO LF METHANE** **S127128145**
NNW **N/A**
< 1/8 **, CA**
0.102 mi.
537 ft. **Site 3 of 3 in cluster C**

Relative: LOS ANGELES CO LF METHANE:
Lower

Name:	AAA RUBBISH, INC.
Address:	Not reported
City,State,Zip:	CA
Site Number:	246
Status:	Not reported
Description:	Not reported
Operator Name:	Not reported
Operator Telephone:	Not reported
Sup District:	Not reported
Shape Length:	Not reported
Shape Area:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Actual:
134 ft.

B16 **ENTERPRISE PRODUCTS INC** **LUST** **S106025096**
WNW **6875 SUVA STREET** **HIST UST** **N/A**
< 1/8 **BELL GARDENS, CA 90201** **Cortese**
0.115 mi. **LOS ANGELES CO. HMS**
605 ft. **Site 10 of 12 in cluster B** **CERS**

Relative: LUST:
Lower

Name:	ENTERPRISE PRODUCTS INC
Address:	6875 E SUVA STREET
City,State,Zip:	BELL GARDENS, CA 90201
Lead Agency:	LOS ANGELES COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603718199
Global Id:	T0603718199
Latitude:	33.966865
Longitude:	-118.138608
Status:	Completed - Case Closed
Status Date:	10/20/2005
Case Worker:	TS
RB Case Number:	Not reported
Local Agency:	LOS ANGELES COUNTY
File Location:	Not reported
Local Case Number:	011491
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Actual:
133 ft.

ENTERPRISE PRODUCTS INC (Continued) **S106025096**

LUST:
Global Id: T0603718199
Contact Type: Local Agency Caseworker
Contact Name: TIM SMITH
Organization Name: LOS ANGELES COUNTY
Address: 900 S. FREMONT AVE.
City: ALHAMBRA
Email: tsmith@dpw.lacounty.gov
Phone Number: Not reported

Global Id: T0603718199
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: T0603718199
Action Type: Other
Date: 10/11/1988
Action: Leak Discovery

Global Id: T0603718199
Action Type: REMEDIATION
Date: 10/28/1988
Action: Not reported

Global Id: T0603718199
Action Type: Other
Date: 10/28/1988
Action: Leak Reported

LUST:
Global Id: T0603718199
Status: Open - Case Begin Date
Status Date: 10/11/1988

Global Id: T0603718199
Status: Open - Site Assessment
Status Date: 03/04/2002

Global Id: T0603718199
Status: Completed - Case Closed
Status Date: 10/20/2005

HIST UST:
Name: ENTERPRISE PRODUCTS INC
Address: 6875 SUVA STREET
City,State,Zip: BELL GARDENS, CA 90201
File Number: 0002648C
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002648C.pdf

ENTERPRISE PRODUCTS INC (Continued) **S106025096**

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:

CORTESE:

Name:	ENTERPRISE PRODUCTS INC
Address:	6875 E SUVA STREET
City,State,Zip:	BELL GARDENS, CA 90201
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603718199
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

LOS ANGELES CO. HMS:

Name:	ENTERPRISE PRODUCTS INC
Address:	6875 SUVA ST
City,State,Zip:	BELL GARDENS, CA 902011937
Region:	LA
Permit Category:	T
Facility Id:	011451-011491
Facility Type:	0

ENTERPRISE PRODUCTS INC (Continued) **S106025096**

Facility Status: Closed
Area: 3Y
Permit Number: 00003035T
Permit Status: Removed

Name: ENTERPRISE PRODUCTS INC
Address: 6875 SUVA ST
City,State,Zip: BELL GARDENS, CA 902011937
Region: LA
Permit Category: T
Facility Id: 011451-011491
Facility Type: 0
Facility Status: Closed
Area: 3Y
Permit Number: 000340955
Permit Status: Closed

CERS:
Name: ENTERPRISE PRODUCTS INC
Address: 6875 E SUVA STREET
City,State,Zip: BELL GARDENS, CA 90201
Site ID: 202956
CERS ID: T0603718199
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: TIM SMITH - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S. FREMONT AVE.
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

B17 **ENTERPRISE PRODUCTS, INC.** **ENVIROSTOR** **U001562582**
WNW **6875 SUVA ST** **SWEEPS UST** **N/A**
< 1/8 **BELL GARDENS, CA 90201** **HIST UST**
0.115 mi.
605 ft. **Site 11 of 12 in cluster B**

Relative: ENVIROSTOR:
Lower
Name: ENTERPRISE PRODUCTS
Actual: Address: 6875 SUVA STREET
133 ft. City,State,Zip: BELL GARDENS, CA 90201
Facility ID: 60001726

ENTERPRISE PRODUCTS, INC. (Continued) **U001562582**

Status: No Further Action
Status Date: 02/14/2000
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0
NPL: NO
Regulatory Agencies: LOS ANGELES COUNTY
Lead Agency: LOS ANGELES COUNTY
Program Manager: Joseph Cully
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 50
Senate: 33
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.96708
Longitude: -118.1385
APN: NONE SPECIFIED
Past Use: MANUFACTURING - OTHER
Potential COC: TPH-gas 1,1,1-Trichloroethane (TCA
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: 60001726
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: 02/14/2000
Comments: no further action

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

SWEEPS UST:
Name: ENTERPRISE PRODUCTS INC
Address: 6875 SUVA ST
City: BELL GARDENS
Status: Active
Comp Number: 11491
Number: 9
Board Of Equalization: Not reported
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported

ENTERPRISE PRODUCTS, INC. (Continued) **U001562582**

SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

HIST UST:

Name:	ENTERPRISE PRODUCTS, INC.
Address:	6875 SUVA ST
City,State,Zip:	BELL GARDENS, CA 90201
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000050799
Facility Type:	Other
Other Type:	PRODUCTS
Contact Name:	STEPHEN C. LOOKABAUGH
Telephone:	2139272515
Owner Name:	ENTERPRISE PRODUCTS, INC., A C
Owner Address:	6875 SUVA STREET
Owner City,St,Zip:	BELL GARDENS, CA 90201
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	002
Container Num:	2
Year Installed:	1979
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual

B18 **FIRST CLASS VENDING INC** **RCRA NonGen / NLR** **1024827642**
WNW **6875 SUVA ST** **CAL000357830**
< 1/8 **BELL GARDENS, CA 90201**
0.115 mi.
605 ft. **Site 12 of 12 in cluster B**

Relative:
Lower

Actual:
133 ft.

RCRA Listings:

Date Form Received by Agency:		20101007
Handler Name:	FIRST CLASS VENDING INC	
Handler Address:		6875 SUVA ST
Handler City,State,Zip:		BELL GARDENS, CA 90201-1937
EPA ID:		CAL000357830
Contact Name:		MERIKA PILATO

FIRST CLASS VENDING INC (Continued) **1024827642**

Contact Address:		6875 SUVA ST
Contact City,State,Zip:		BELL GARDENS, CA 90201
Contact Telephone:		323-315-5372
Contact Fax:		323-315-5373
Contact Email:		MERIKA@FIRSTCLASSVENDING.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		6875 SUVA ST
Mailing City,State,Zip:		BELL GARDENS, CA 90201-1937
Owner Name:	FIRST CLASS VENDING INC	
Owner Type:		Other
Operator Name:	MERIKA PILATO	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking

FIRST CLASS VENDING INC (Continued) **1024827642**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: FIRST CLASS VENDING INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6875 SUVA ST
Owner/Operator City,State,Zip:	BELL GARDENS, CA 90201-1937
Owner/Operator Telephone:	323-268-7632
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: MERIKA PILATO	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6875 SUVA ST
Owner/Operator City,State,Zip:	BELL GARDENS, CA 90201
Owner/Operator Telephone:	323-315-5372
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20101007
Handler Name: FIRST CLASS VENDING INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

FIRST CLASS VENDING INC (Continued) **1024827642**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D19 **CRYSTAL AV** **RCRA NonGen / NLR** **1026718060**
WSW **7191 SCOTT AVE** **CAC003106616**
1/8-1/4 **BELL GARDENS, CA 90201**
0.134 mi.
710 ft. **Site 1 of 2 in cluster D**

Relative: **Lower**
Actual: **131 ft.**

RCRA Listings:

Date Form Received by Agency:		20210222
Handler Name:	CRYSTAL AV	
Handler Address:		7191 SCOTT AVE
Handler City,State,Zip:		BELL GARDENS, CA 90201
EPA ID:		CAC003106616
Contact Name:		CRYSTAL AV
Contact Address:		7191 SCOTT AVE
Contact City,State,Zip:		BELL GARDENS, CA 90201
Contact Telephone:		323-998-3636
Contact Fax:		Not reported
Contact Email:		MARIO@CRYSTALAV.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		7191 SCOTT AVE
Mailing City,State,Zip:		BELL GARDENS, CA 90201
Owner Name:	MARIO ABARRRIBA	
Owner Type:		Other
Operator Name:	CRYSTAL AV	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No

CRYSTAL AV (Continued) **1026718060**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210226
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: CRYSTAL AV	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7191 SCOTT AVE

CRYSTAL AV (Continued) **1026718060**

Owner/Operator City,State,Zip: BELL GARDENS, CA 90201
Owner/Operator Telephone: 323-998-3636
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MARIO ABARRRIBA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 7191 SCOTT AVE
Owner/Operator City,State,Zip: BELL GARDENS, CA 90201
Owner/Operator Telephone: 323-998-3636
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210222
Handler Name: CRYSTAL AV
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D20 **WILCOX MACHINE CO.** **LUST** **S101295626**
WSW **7190 SCOUT AVE** **SWEEPS UST** **N/A**
1/8-1/4 **BELL GARDENS, CA 90201** **Cortese**
0.137 mi. **HIST CORTESE**
722 ft. **Site 2 of 2 in cluster D** **CERS**

Relative: **Lower**
Actual: **131 ft.**

LUST:
Name: WILCOX MACHINE CO.
Address: 7190 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 90201
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704426

WILCOX MACHINE CO. (Continued) **S101295626**

Global Id: T0603704426
Latitude: 33.9651349
Longitude: -118.1387258
Status: Completed - Case Closed
Status Date: 08/09/1996
Case Worker: YR
RB Case Number: I-16661
Local Agency: LOS ANGELES COUNTY
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: T0603704426
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603704426
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: T0603704426
Action Type: Other
Date: 01/30/1992
Action: Leak Discovery

Global Id: T0603704426
Action Type: Other
Date: 04/14/1992
Action: Leak Reported

LUST:
Global Id: T0603704426
Status: Open - Case Begin Date
Status Date: 01/30/1992

Global Id: T0603704426
Status: Open - Site Assessment
Status Date: 04/14/1992

Global Id: T0603704426
Status: Open - Remediation
Status Date: 07/29/1992

WILCOX MACHINE CO. (Continued) **S101295626**

Global Id: T0603704426
Status: Completed - Case Closed
Status Date: 08/09/1996

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	I-16661	
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:	T0603704426	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19000	
Cross Street:	FLORENCE	
Enforcement Type:	Not reported	
Date Leak Discovered:	1/30/1992	
Date Leak First Reported:		4/14/1992
Date Leak Record Entered:	4/28/1992	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		8/9/1996
Date the Case was Closed:		8/9/1996
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):		1127.406600796018318126282144 9
Source of Cleanup Funding:		Tank
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		4/14/1992
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		7/29/1992
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:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	WILCOX MACHINE CO.	
RP Address:	SAME AS SITE	
Program:	LUST	
Lat/Long:	33.9651349 / -1	

WILCOX MACHINE CO. (Continued) **S101295626**

Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

SWEEPS UST:

Name:	WILCOX MACHINE CO
Address:	7190 SCOUT AVE
City:	BELL GARDENS
Status:	Active
Comp Number:	16661
Number:	1
Board Of Equalization:	Not reported
Referral Date:	04-01-92
Action Date:	04-01-92
Created Date:	04-01-92
Owner Tank Id:	1
SWRCB Tank Id:	19-000-016661-000001
Tank Status:	A
Capacity:	8000
Active Date:	04-01-92
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

CORTESE:

Name:	WILCOX MACHINE CO.
Address:	7190 SCOUT AVE
City,State,Zip:	BELL GARDENS, CA 90201
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603704426
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

WILCOX MACHINE CO. (Continued) **S101295626**

HIST CORTESE:

edr_fname:	WILCOX MACHINE CO.
edr_fadd1:	7190 SCOUT
City,State,Zip:	BELL GARDENS, CA 90201
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	I-16661

CERS:

Name:	WILCOX MACHINE CO.
Address:	7190 SCOUT AVE
City,State,Zip:	BELL GARDENS, CA 90201
Site ID:	228511
CERS ID:	T0603704426
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JOHN AWUJO - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S FREMONT AVE
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6264583507,

E21 **ENTERPRISE POWDER COATING INC.** **ENVIROSTOR** **S112057196**
WNW **6840 SUVA STREET** **N/A**
1/8-1/4 **BELL GARDENS, CA 90201**
0.152 mi.
802 ft. **Site 1 of 5 in cluster E**

Relative: **Lower**
Actual: **132 ft.**

ENVIROSTOR:

Name:	ENTERPRISE POWDER COATING INC.
Address:	6840 SUVA STREET
City,State,Zip:	BELL GARDENS, CA 90201
Facility ID:	60001723
Status:	No Further Action
Status Date:	02/22/2000
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0
NPL:	NO

ENTERPRISE POWDER COATING INC. (Continued) **S112057196**

Regulatory Agencies: LOS ANGELES COUNTY
Lead Agency: LOS ANGELES COUNTY
Program Manager: Joseph Cully
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 50
Senate: 33
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.96634
Longitude: -118.1400
APN: NONE SPECIFIED
Past Use: MANUFACTURING - OTHER, UNDERGROUND STORAGE TANKS
Potential COC: TPH-gas 1,1,1-Trichloroethane (TCA
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: 60001723
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: 02/22/2000
Comments: No Further Action

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

22
ESE
1/8-1/4
0.152 mi.
805 ft.

HELEN RODGERS **RCRA NonGen / NLR** **1026047058**
9327 GUATEMALA AVE **CAC003053590**
DOWNEY, CA 90240

Relative:
Lower

Actual:
134 ft.

RCRA Listings:
Date Form Received by Agency: 20200130
Handler Name: HELEN RODGERS
Handler Address: 9327 GUATEMALA AVE
Handler City,State,Zip: DOWNEY, CA 90240
EPA ID: CAC003053590
Contact Name: HELEN RODGERS
Contact Address: 9327 GUATEMALA AVE
Contact City,State,Zip: DOWNEY, CA 90240
Contact Telephone: 562-879-2568
Contact Fax: Not reported
Contact Email: ANAB@PWSEI.COM
Contact Title: Not reported
EPA Region: 09

HELEN RODGERS (Continued) **1026047058**

Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		9327 GUATEMALA AVE
Mailing City,State,Zip:		DOWNEY, CA 90240
Owner Name:	HELEN RODGERS	
Owner Type:		Other
Operator Name:	HELEN RODGERS	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No

HELEN RODGERS (Continued) **1026047058**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200210
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: HELEN RODGERS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9327 GUATEMALA AVE
Owner/Operator City,State,Zip:	DOWNEY, CA 90240
Owner/Operator Telephone:	562-879-2568
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: HELEN RODGERS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9327 GUATEMALA AVE
Owner/Operator City,State,Zip:	DOWNEY, CA 90240
Owner/Operator Telephone:	562-879-2568
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200130
Handler Name: HELEN RODGERS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

HELEN RODGERS (Continued) **1026047058**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E23 **FLEXCO INC** **CERS HAZ WASTE** **U003060706**
WNW **6855 SUVA ST** **LOS ANGELES CO. HMS** **N/A**
1/8-1/4 **BELL GARDENS, CA 90201** **CERS**
0.159 mi.
838 ft. **Site 2 of 5 in cluster E**

Relative:
Lower

Actual:
132 ft.

CERS HAZ WASTE:
Name: FLEXCO INC
Address: 6855 SUVA ST
City,State,Zip: BELL GARDENS, CA 90201
Site ID: 30611
CERS ID: 10285879
CERS Description: Hazardous Waste Generator

LOS ANGELES CO. HMS:
Name: FLEXCO INC
Address: 6855 SUVA ST
City,State,Zip: BELL GARDENS, CA 902011937
Region: LA
Permit Category: I
Facility Id: 004541-I04714
Facility Type: 01
Facility Status: Closed
Area: 3Y
Permit Number: 000004864
Permit Status: Closed

Name: FLEXCO INC
Address: 6855 SUVA ST
City,State,Zip: BELL GARDENS, CA 902011937
Region: LA
Permit Category: I
Facility Id: 004541-I04714
Facility Type: 01
Facility Status: Closed
Area: 3Y
Permit Number: 000351585
Permit Status: Closed

Name: FLEXCO INC
Address: 6855 SUVA ST
City,State,Zip: BELL GARDENS, CA 902011937
Region: LA
Permit Category: T
Facility Id: 004541-030616
Facility Type: 1
Facility Status: Removed
Area: 3Y
Permit Number: 000270637

FLEXCO INC (Continued) **U003060706**

Permit Status: Removed

Name: FLEXCO INC
Address: 6855 SUVA ST
City,State,Zip: BELL GARDENS, CA 902011937
Region: LA
Permit Category: Not reported
Facility Id: 004541-041773
Facility Type: Not reported
Facility Status: OPEN
Area: 3Y
Permit Number: Not reported
Permit Status: Not reported

Name: FLEXCO INC
Address: 6855 SUVA ST
City,State,Zip: BELL GARDENS, CA 902011937
Region: LA
Permit Category: I
Facility Id: 004541-058809
Facility Type: 01
Facility Status: Permit
Area: 3Y
Permit Number: 000768327
Permit Status: Permit

CERS:
Name: FLEXCO INC
Address: 6855 SUVA ST
City,State,Zip: BELL GARDENS, CA 90201
Site ID: 30611
CERS ID: 10285879
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 30611
Site Name: FLEXCO INC
Violation Date: 06-29-2016
Citation: HSC 6.5 25201.16(e) - California Health and Safety Code, Chapter 6.5, Section(s) 25201.16(e)
Violation Description: Failure of the universal waste handler to manage universal waste aerosol cans in a manner that prevents fire, explosion, and the unauthorized release of any universal waste or component of a universal waste to the environment.
Violation Notes: Returned to compliance on 07/27/2018. OBSERVATION: 3 aerosol cans at the hazardous materials storage area not contained. Universal waste handlers shall manage aerosol cans in a manner that prevents a fire, explosion, and the unauthorized release of any universal waste to the environment. CORRECTIVE ACTION: Immediately pick up, containerize, and manage according to Title 22 hazardous waste regulations. Submit a statement and supporting documentation explaining how this waste was managed by 30 days from now.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 30611

FLEXCO INC (Continued) **U003060706**

Site Name:	FLEXCO INC
Violation Date:	06-29-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 06/23/2017. OBSERVATION: 3x55 gal drums along the fence line at the hazardous material storage area without empty labels. CORRECTIVE ACTION: Each empty container larger than 5 gallons that previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value or managed on site in such a manner within one year of being emptied. 22CCR 11 66261.7
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	30611
Site Name:	FLEXCO INC
Violation Date:	06-29-2016
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 05/10/2017. OBSERVATION: This facility s EPA ID number is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately contact DTSC and reactivate your EPA ID number and submit evidence to the cupa by 30 days from now.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	30611
Site Name:	FLEXCO INC
Violation Date:	06-29-2016
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 06/23/2017. OBSERVATION: 1x5 pail solvent waste is open at the exterior shop area. All hazardous waste containers shall be closed at all times except when adding or removing waste. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	30611
Site Name:	FLEXCO INC

FLEXCO INC (Continued) **U003060706**

Violation Date: 09-03-2019
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 11/22/2019. OBSERVATION: Hazardous Waste Manifests for the following wastes were not available at the time of inspection. Waste Oil Solvent contaminated solids Non-Empty aerosol cans CORRECTIVE ACTION: Locate a copy of all manifests for the above waste streams and submit copies to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 30611
Site Name: FLEXCO INC
Violation Date: 09-03-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 09/04/2019. OBSERVATION: Submitted inventory was not inclusive. CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-31-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-27-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-08-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Re-visit fee notice delivered.

FLEXCO INC (Continued) **U003060706**

Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-02-2022
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Martin Nieto - Purchasing Materials Manager - CSR
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-02-2022
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Martin Nieto - Purchasing Materials Manager - CSR
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-10-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-29-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Manuel Garcia
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-23-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-29-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Manueel Garcia
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,

FLEXCO INC (Continued) **U003060706**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-03-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Christopher Thomas, Quality Control Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-03-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Christopher Thomas, Quality Control Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	02-14-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	No UW-Aerosol drum established.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,

Coordinates:

Site ID:	30611
Facility Name:	FLEXCO INC
Env Int Type Code:	HWG
Program ID:	10285879
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	33.967230
Longitude:	-118.139200

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000,

Affiliation Type Desc:	Document Preparer
Entity Name:	Erik K. Moller
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

FLEXCO INC (Continued) **U003060706**

Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 6855 SUVA ST
Affiliation City: BELL GARDENS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90201
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Erik K. Moller
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: FLEXCO INC
Entity Title: Not reported
Affiliation Address: 6855 SUVA ST
Affiliation City: BELL GARDENS
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90201
Affiliation Phone: (562) 927-2525,

Affiliation Type Desc: Operator
Entity Name: ERIK K. MOLLER - PRESIDENT
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (562) 927-2525,

Affiliation Type Desc: Parent Corporation
Entity Name: FLEXCO INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: ERIK K. MOLLER
Entity Title: Not reported
Affiliation Address: 6855 SUVA ST
Affiliation City: BELL GARDENS

FLEXCO INC (Continued) **U003060706**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90201
Affiliation Phone: ,

E24 **FLEXCO INC** **RCRA NonGen / NLR** **1026054569**
WNW **6855 SUVA ST** **CAL000377169**
1/8-1/4 **BELL GARDENS, CA 90201**
0.159 mi.
838 ft. **Site 3 of 5 in cluster E**

Relative: **Lower**
Actual: **132 ft.**

RCRA Listings:

Date Form Received by Agency:		20120809
Handler Name:	FLEXCO INC	
Handler Address:		6855 SUVA ST
Handler City,State,Zip:		BELL GARDENS, CA 90201
EPA ID:		CAL000377169
Contact Name:		ROBERT SIMPSON
Contact Address:		6855 SUVA ST
Contact City,State,Zip:		BELL GARDENS, CA 90201
Contact Telephone:		562-927-2525
Contact Fax:		562-927-2528
Contact Email:		R.SIMPSON@FLEXCOINC.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		6855 SUVA ST
Mailing City,State,Zip:		BELL GARDENS, CA 90201-0000
Owner Name:	FLEXCO INC	
Owner Type:		Other
Operator Name:	ROBERT SIMPSON	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported

FLEXCO INC (Continued) **1026054569**

Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200210
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: ROBERT SIMPSON	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6855 SUVA ST
Owner/Operator City,State,Zip:	BELL GARDENS, CA 90201
Owner/Operator Telephone:	562-927-2525
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: FLEXCO INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

FLEXCO INC (Continued) **1026054569**

Owner/Operator Address: 6855 SUVA ST
Owner/Operator City,State,Zip: BELL GARDENS, CA 90201-0000
Owner/Operator Telephone: 562-927-2525
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20120809
Handler Name: FLEXCO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 32622
NAICS Description: RUBBER AND PLASTICS HOSES AND BELTING MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E25 **FLEXCO, INC** **ENVIROSTOR** **S106831153**
WNW **6855 SUVA ST** **EMI** **N/A**
1/8-1/4 **BELL GARDENS, CA 90201**
0.159 mi.
838 ft. **Site 4 of 5 in cluster E**

Relative:
Lower

Actual:
132 ft.

ENVIROSTOR:
Name: FLEXCO INC.
Address: 6855 SUVA STREET
City,State,Zip: BELL GARDENS, CA 90201
Facility ID: 60001696
Status: Refer: EPA
Status Date: 12/10/1999
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0
NPL: NO
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 50

FLEXCO, INC (Continued) **S106831153**

Senate: 33
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.96727
Longitude: -118.1391
APN: NONE SPECIFIED
Past Use: MANUFACTURING - CHEMICALS
Potential COC: Methyl ethyl ketone (2-Butanone
Confirmed COC: Methyl ethyl ketone (2-Butanone
Potential Description: SOIL
Alias Name: 60001696
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: 12/10/1999
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

EMI:
Name: FLEXCO, INC
Address: 6855 SUVA ST
City,State,Zip: BELL GARDENS, CA 90201
Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 8467
Air District Name: SC
SIC Code: 3052
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: 7
Reactive Organic Gases Tons/Yr: 7
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

Name: FLEXCO, INC
Address: 6855 SUVA ST
City,State,Zip: BELL GARDENS, CA 90201
Year: 1990

FLEXCO, INC (Continued) **S106831153**

County Code:	19
Air Basin:	SC
Facility ID:	8467
Air District Name:	SC
SIC Code:	3052
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

Name:	FLEXCO, INC
Address:	6855 SUVA ST
City,State,Zip:	BELL GARDENS, CA 90201
Year:	1993
County Code:	19
Air Basin:	SC
Facility ID:	8467
Air District Name:	SC
SIC Code:	3052
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

Name:	FLEXCO, INC
Address:	6855 SUVA ST
City,State,Zip:	BELL GARDENS, CA 90201
Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	8467
Air District Name:	SC
SIC Code:	3052
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

26
SSE
1/8-1/4
0.163 mi.
862 ft.

HECTOR GOMEZ
7420 CIRO ST
DOWNEY, CA 90240

RCRA NonGen / NLR

1027079126
CAC003151053

Relative:
Lower

Actual:
133 ft.

RCRA Listings:

Date Form Received by Agency:		20211202
Handler Name:	HECTOR GOMEZ	
Handler Address:		7420 CIRO ST
Handler City,State,Zip:		DOWNEY, CA 90240
EPA ID:		CAC003151053
Contact Name:		HECTOR GOMEZ
Contact Address:		7420 CIRO ST
Contact City,State,Zip:		DOWNEY, CA 90240
Contact Telephone:		562-715-7232
Contact Fax:		Not reported
Contact Email:		SCHEDULING@PWSEI.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		7420 CIRO ST
Mailing City,State,Zip:		DOWNEY, CA 90240
Owner Name:	HECTOR GOMEZ	
Owner Type:		Other
Operator Name:	HECTOR GOMEZ	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

HECTOR GOMEZ (Continued) **1027079126**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20211203
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: HECTOR GOMEZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7420 CIRO ST
Owner/Operator City,State,Zip:	DOWNEY, CA 90240
Owner/Operator Telephone:	562-715-7232
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: HECTOR GOMEZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7420 CIRO ST
Owner/Operator City,State,Zip:	DOWNEY, CA 90240
Owner/Operator Telephone:	562-715-7232
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HECTOR GOMEZ (Continued) **1027079126**

Historic Generators:
Receive Date: 20211202
Handler Name: HECTOR GOMEZ
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E27 **RWS BP INC DBA ROYAL ROOFING CO** **RCRA NonGen / NLR** **1024841339**
WNW **6831 SUVA ST** **CAL000390972**
1/8-1/4 **BELL GARDENS, CA 90201**
0.176 mi.
928 ft. **Site 5 of 5 in cluster E**

Relative: RCRA Listings:
Lower
Actual: Date Form Received by Agency: 20131106
132 ft. Handler Name: RWS BP INC DBA ROYAL ROOFING CO
Handler Address: 6831 SUVA ST
Handler City,State,Zip: BELL GARDENS, CA 90201
EPA ID: CAL000390972
Contact Name: STEPHANIE PINKUS
Contact Address: 6831 SUVA ST
Contact City,State,Zip: BELL GARDENS, CA 90201-0000
Contact Telephone: 562-928-1200
Contact Fax: 562-928-1288
Contact Email: STEPHANIE@ROYALROOFING.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 6831 SUVA ST
Mailing City,State,Zip: BELL GARDENS, CA 90201-0000
Owner Name: ROYAL ROOFING COMPANY RWS AND P INC

RWS BP INC DBA ROYAL ROOFING CO (Continued) **1024841339**

Owner Type:		Other
Operator Name:	STEPHANIE PINKUS	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20180906
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

RWS BP INC DBA ROYAL ROOFING CO (Continued) **1024841339**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: STEPHANIE PINKUS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6831 SUVA ST
Owner/Operator City,State,Zip: BELL GARDENS, CA 90201-0000
Owner/Operator Telephone: 562-928-1200
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ROYAL ROOFING COMPANY RWS AND P INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6831 SUVA ST
Owner/Operator City,State,Zip: BELL GARDENS, CA 90201
Owner/Operator Telephone: 562-928-1200
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20131106
Handler Name: RWS BP INC DBA ROYAL ROOFING CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 23561
NAICS Description: ROOFING, SIDING, AND SHEET METAL CONTRACTORS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F28 **PEDRO HERNANDEZ COLIN** **RCRA NonGen / NLR** **1010562087**
North **6616 SCOUT AVE** **CAR000186676**
1/8-1/4 **BELL GARDENS, CA 90201**
0.182 mi.
962 ft. **Site 1 of 3 in cluster F**

Relative: **Higher**

Actual: **138 ft.**

RCRA Listings:

Date Form Received by Agency:		20070821
Handler Name:	PEDRO HERNANDEZ COLIN	
Handler Address:		6616 SCOUT AVE
Handler City,State,Zip:		BELL GARDENS, CA 90201
EPA ID:		CAR000186676
Contact Name:		PEDRO HERNANDEZ COLIN
Contact Address:		6616 SCOUT AVE
Contact City,State,Zip:		BELL GARDENS, CA 90201
Contact Telephone:		562-244-3379
Contact Fax:		Not reported
Contact Email:		PEDROHNDZ@MSN.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		County
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		6616 SCOUT AVE
Mailing City,State,Zip:		BELL GARDENS, CA 90201
Owner Name:	PEDRO HERNANDEZ COLIN	
Owner Type:		Private
Operator Name:	P AND U TRUCKING	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		Yes
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

PEDRO HERNANDEZ COLIN (Continued) **1010562087**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20070904
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: PEDRO HERNANDEZ COLIN	
Legal Status:	Private
Date Became Current:	19950101
Date Ended Current:	Not reported
Owner/Operator Address:	6616 SCOUT AVE
Owner/Operator City,State,Zip:	BELL GARDENS, CA 90201
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: P AND U TRUCKING	
Legal Status:	Private
Date Became Current:	20030601
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PEDRO HERNANDEZ COLIN (Continued) **1010562087**

Historic Generators:
Receive Date: 20070821
Handler Name: PEDRO HERNANDEZ COLIN
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 562111
NAICS Description: SOLID WASTE COLLECTION

NAICS Code: 562112
NAICS Description: HAZARDOUS WASTE COLLECTION

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

PEDRO HERNANDEZ COLIN (Continued) **1010562087**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20130122
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

F29 **HERMELINDA MELCHOR** **RCRA NonGen / NLR** **1027212078**
NNW **6627 SCOUT AVE** **CAC003176556**
1/8-1/4 **BELL GARDENS, CA 90201**
0.184 mi.
974 ft. **Site 2 of 3 in cluster F**

Relative: **Higher**

Actual: **137 ft.**

RCRA Listings:

Date Form Received by Agency:		20220517
Handler Name:	HERMELINDA MELCHOR	
Handler Address:		6627 SCOUT AVE
Handler City,State,Zip:		BELL GARDENS, CA 90201
EPA ID:		CAC003176556
Contact Name:		HERMELINDA MELCHOR
Contact Address:		6627 SCOUT AVE
Contact City,State,Zip:		BELL GARDENS, CA 90201
Contact Telephone:		323-621-7441
Contact Fax:		Not reported
Contact Email:		SCHEDULING@PWSEI.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		6627 SCOUT AVE
Mailing City,State,Zip:		BELL GARDENS, CA 90201
Owner Name:	HERMELINDA MELCHOR	
Owner Type:		Other
Operator Name:	HERMELINDA MELCHOR	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No

HERMELINDA MELCHOR (Continued) **1027212078**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220518
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: HERMELINDA MELCHOR	
Legal Status:	Other

HERMELINDA MELCHOR (Continued) **1027212078**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6627 SCOUT AVE
Owner/Operator City,State,Zip:	BELL GARDENS, CA 90201
Owner/Operator Telephone:	323-621-7441
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: HERMELINDA MELCHOR	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6627 SCOUT AVE
Owner/Operator City,State,Zip:	BELL GARDENS, CA 90201
Owner/Operator Telephone:	323-621-7441
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20220517
Handler Name: HERMELINDA MELCHOR	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

G30 **FRANKS DISPOSAL CO** **RCRA NonGen / NLR** **1024807535**
WSW **7214 SCOTT AVE** **CAL000274850**
1/8-1/4 **BELL GARDENS, CA 90201**
0.192 mi.
1012 ft. **Site 1 of 7 in cluster G**

Relative: **Lower**
Actual: **130 ft.**

RCRA Listings:

Date Form Received by Agency:		20030923
Handler Name:	FRANKS DISPOSAL CO	
Handler Address:		7214 SCOTT AVE
Handler City,State,Zip:		BELL GARDENS, CA 90201-0000
EPA ID:		CAL000274850
Contact Name:		LINDA GONZALEZ
Contact Address:		PO BOX 4271
Contact City,State,Zip:		SUNLAND, CA 91041
Contact Telephone:		818-352-5001
Contact Fax:		000-000-0000
Contact Email:		FRANKSDISPOSAL@YAHOO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 4271
Mailing City,State,Zip:		SUNLAND, CA 91041-0000
Owner Name:	JOHN GONZALEZ	
Owner Type:		Other
Operator Name:	LINDA GONZALEZ	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

FRANKS DISPOSAL CO (Continued) **1024807535**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: JOHN GONZALEZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4271
Owner/Operator City,State,Zip:	SUNLAND, CA 91041-0000
Owner/Operator Telephone:	626-523-5273
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: LINDA GONZALEZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4271
Owner/Operator City,State,Zip:	SUNLAND, CA 91041
Owner/Operator Telephone:	818-352-5001
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

FRANKS DISPOSAL CO (Continued) **1024807535**

Historic Generators:
Receive Date: 20030923
Handler Name: FRANKS DISPOSAL CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44131
NAICS Description: AUTOMOTIVE PARTS AND ACCESSORIES STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

G31 **EMPIRE RECYCLING CENTER** **ENVIROSTOR** **S112057197**
WSW **7214 SCOUT AVENUE** **N/A**
1/8-1/4 **BELL GARDENS, CA 90201**
0.192 mi.
1012 ft. **Site 2 of 7 in cluster G**

Relative:
Lower

Actual:
130 ft.

ENVIROSTOR:
Name: EMPIRE RECYCLING CENTER
Address: 7214 SCOUT AVENUE
City,State,Zip: BELL GARDENS, CA 90201
Facility ID: 60001724
Status: No Further Action
Status Date: 02/14/2000
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0
NPL: NO
Regulatory Agencies: LOS ANGELES COUNTY
Lead Agency: LOS ANGELES COUNTY
Program Manager: Joseph Cully
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 50
Senate: 33
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.96474
Longitude: -118.1399

EMPIRE RECYCLING CENTER (Continued) **S112057197**

APN: NONE SPECIFIED
Past Use: FUEL - VEHICLE STORAGE/ REFUELING, UNDERGROUND STORAGE TANKS, VEHICLE MAINTENANCE
Potential COC: TPH-diesel TPH-MOTOR OIL
Confirmed COC: 30024-NO 3002502-NO
Potential Description: SOIL
Alias Name: 60001724
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: 02/14/2000
Comments: No Further Action

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

G32 **FRANK'S DISPOSAL** **SWF/LF S106025120**
WSW **7214 SCOUT AVE.** **LOS ANGELES CO. HMS N/A**
1/8-1/4 **BELL GARDENS, CA 90201**
0.192 mi.
1012 ft. **Site 3 of 7 in cluster G**

Relative: **Lower**
Actual: **130 ft.**

LOS ANGELES CO. LF:
Name: FRANK'S DISPOSAL
Address: 7214 SCOUT AVE.
City,State,Zip: BELL GARDENS, CA 90201
Site ID: 1444
Alt. Site Name: Not reported
Alt. Address: Not reported
Site Contact: Not reported
Site Contact Phone: (626) 333-0313
Site Email: franksdisposal@yahoo.com
Site Website: Not reported
Site Type: Waste Hauler
Site SWIS Number: 19-AS-0066
Beginning Operation Date: Not reported
Ending Operation Date: Not reported
Local Enforcement Agency: Not reported
Maximun Depth Fill(Ft): Not reported
Permitted Capacity: Not reported
Present Use: Not reported
Remaining Capacity(Million): Not reported
Status: Active
Waste Accepted: Not reported
Hours of Operation: Not reported
Disposal Area (Acre): Not reported

Detail As Of 01/2014:
Operator Name: Not reported

FRANK'S DISPOSAL (Continued) **S106025120**

Operator Address:	Not reported
Operator City/State/Zip:	Not reported
Operator Contact:	Not reported
Operator Telephone:	Not reported
Operator Email:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City/State/Zip:	Not reported
Owner Contact:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported
District:	4
Site Mailing Address:	Not reported

LOS ANGELES CO. HMS:

Name:	FRANK DISPOSAL
Address:	7214 SCOUT AVE
City,State,Zip:	BELL GARDENS, CA 90201
Region:	LA
Permit Category:	Not reported
Facility Id:	018769-028245
Facility Type:	Not reported
Facility Status:	OPEN
Area:	3Y
Permit Number:	Not reported
Permit Status:	Not reported

H33 **EFI EMPIRE FOAM INNOVATIONS INC** **RCRA NonGen / NLR** **1024766804**
West **6891 FLORENCE PL** **CAC002986676**
1/8-1/4 **BELL GARDENS, CA 90201**
0.196 mi.
1034 ft. **Site 1 of 6 in cluster H**

Relative: RCRA Listings:
Lower

Date Form Received by Agency:	20181026
Handler Name:	EFI EMPIRE FOAM INNOVATIONS INC
Handler Address:	6891 FLORENCE PL
Handler City,State,Zip:	BELL GARDENS, CA 90201
EPA ID:	CAC002986676
Contact Name:	YANET CASTELLANOS
Contact Address:	6891 FLORENCE PL
Contact City,State,Zip:	BELL GARDENS, CA 90201
Contact Telephone:	562-408-3626
Contact Fax:	562-469-6187
Contact Email:	YANET@EFINNOVATIONS.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6891 FLORENCE PL
Mailing City,State,Zip:	BELL GARDENS, CA 90201

Actual:
131 ft.

EFI EMPIRE FOAM INNOVATIONS INC (Continued) **1024766804**

Owner Name:	STEVE CHAVEZ	
Owner Type:		Other
Operator Name:	YANET CASTELLANOS	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20181120
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No

EFI EMPIRE FOAM INNOVATIONS INC (Continued) **1024766804**

Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: YANET CASTELLANOS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6891 FLORENCE PL
Owner/Operator City,State,Zip: BELL GARDENS, CA 90201
Owner/Operator Telephone: 562-408-3626
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: STEVE CHAVEZ
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6891 FLORENCE PL
Owner/Operator City,State,Zip: BELL GARDENS, CA 90201
Owner/Operator Telephone: 562-408-3626
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20181026
Handler Name: EFI EMPIRE FOAM INNOVATIONS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

G34
WSW
1/8-1/4
0.197 mi.
1039 ft.

FRANK'S DISPOSAL
, CA
Site 4 of 7 in cluster G

LOS ANGELES CO LF METHANE

S127127883
N/A

Relative:
Lower

Actual:
130 ft.

LOS ANGELES CO LF METHANE:

Name:	FRANK'S DISPOSAL
Address:	Not reported
City,State,Zip:	CA
Site Number:	1444
Status:	Not reported
Description:	Not reported
Operator Name:	Not reported
Operator Telephone:	Not reported
Sup District:	Not reported
Shape Length:	Not reported
Shape Area:	Not reported
Latitude:	Not reported
Longitude:	Not reported

I35
WNW
1/8-1/4
0.200 mi.
1054 ft.

SUGDEN ENGINEERING
6832 FOSTER BRIDGE BLVD
BELL GARDENS, CA 90201
Site 1 of 6 in cluster I

HIST UST

U001562621
N/A

Relative:
Lower

Actual:
133 ft.

HIST UST:

Name:	SUGDEN ENGINEERING
Address:	6832 FOSTER BRIDGE BLVD
City,State,Zip:	BELL GARDENS, CA 90201
File Number:	000288D6
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000288D6.pdf
Region:	STATE
Facility ID:	00000003240
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	ROBERT L. PROCTOR
Telephone:	0000000000
Owner Name:	SUGDEN ENGINEERING CO.
Owner Address:	6832 FOSTER BRIDGE BLVD.
Owner City,St,Zip:	BELL GARDENS, CA 90201
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001800
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Click here for Geo Tracker PDF:

I36 SUGDEN ENGINEERING CO **SWEEPS UST U001562612**
WNW 6832 FOSTER BRIDGE BLVD **HIST UST N/A**
1/8-1/4 BELL GARDENS, CA 90201
0.200 mi.
1054 ft. Site 2 of 6 in cluster I

Relative: Lower

Actual: 133 ft.

SWEEPS UST:

Name:	SUGDEN ENGINEERING CO
Address:	6832 FOSTER BRIDGE BLVD
City:	BELL GARDENS
Status:	Active
Comp Number:	11820
Number:	9
Board Of Equalization:	Not reported
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

HIST UST:

Name:	SUGDEN ENGINEERING CO
Address:	6832 FOSTER BRIDGE BLVD
City,State,Zip:	BELL GARDENS, CA 90201
File Number:	000288D5
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000288D5.pdf
Region:	STATE
Facility ID:	00000003203
Facility Type:	Other
Other Type:	SHEET METAL MFG.
Contact Name:	ROBERT L. PROCTOR
Telephone:	2137732123
Owner Name:	SUGDEN ENGINEERING CO.
Owner Address:	6832 FOSTER BRIDGE BLVD.
Owner City,St,Zip:	BELL GARDENS, CA 90201
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001800
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual, None

Click here for Geo Tracker PDF:

37
South
1/8-1/4
0.203 mi.
1072 ft.

SALVADOR MELENDEZ
9728 TECUM RD
DOWNEY, CA 90240

RCRA NonGen / NLR

1024768108
CAC002987988

Relative:
Lower

Actual:
131 ft.

RCRA Listings:

Date Form Received by Agency:		20181106
Handler Name:	SALVADOR MELENDEZ	
Handler Address:		9728 TECUM RD
Handler City,State,Zip:		DOWNEY, CA 90240
EPA ID:		CAC002987988
Contact Name:		SALVADOR MELENDEZ
Contact Address:		9728 TECUM RD
Contact City,State,Zip:		DOWNEY, CA 90240
Contact Telephone:		626-484-1887
Contact Fax:		Not reported
Contact Email:		CAROLYN.KBEINC@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		9728 TECUM RD
Mailing City,State,Zip:		DOWNEY, CA 90240
Owner Name:	SALVADOR MELENDEZ	
Owner Type:		Other
Operator Name:	SALVADOR MELENDEZ	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

SALVADOR MELENDEZ (Continued) **1024768108**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: SALVADOR MELENDEZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9728 TECUM RD
Owner/Operator City,State,Zip:	DOWNEY, CA 90240
Owner/Operator Telephone:	626-484-1887
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: SALVADOR MELENDEZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9728 TECUM RD
Owner/Operator City,State,Zip:	DOWNEY, CA 90240
Owner/Operator Telephone:	626-484-1887
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SALVADOR MELENDEZ (Continued) **1024768108**

Historic Generators:
Receive Date: 20181106
Handler Name: SALVADOR MELENDEZ
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F38 **SANDRA SHELTON** **RCRA NonGen / NLR** **1026718521**
NNW **6613 SCOUT AVE** **CAC003107107**
1/8-1/4 **BELL GARDENS, CA 90201**
0.206 mi.
1086 ft. **Site 3 of 3 in cluster F**

Relative: **Higher**
Actual: **138 ft.**

RCRA Listings:
Date Form Received by Agency: 20210224
Handler Name: SANDRA SHELTON
Handler Address: 6613 SCOUT AVE
Handler City,State,Zip: BELL GARDENS, CA 90201
EPA ID: CAC003107107
Contact Name: SANDRA SHELTON
Contact Address: 6613 SCOUT AVE
Contact City,State,Zip: BELL GARDENS, CA 90201
Contact Telephone: 562-712-8355
Contact Fax: Not reported
Contact Email: SCHEDULING@PWSEI.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 6613 SCOUT AVE
Mailing City,State,Zip: BELL GARDENS, CA 90201
Owner Name: SANDRA SHELTON

SANDRA SHELTON (Continued) **1026718521**

Owner Type:		Other
Operator Name:	SANDRA SHELTON	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20210226
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No

SANDRA SHELTON (Continued) **1026718521**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: SANDRA SHELTON
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6613 SCOUT AVE
Owner/Operator City,State,Zip: BELL GARDENS, CA 90201
Owner/Operator Telephone: 562-712-8355
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SANDRA SHELTON
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6613 SCOUT AVE
Owner/Operator City,State,Zip: BELL GARDENS, CA 90201
Owner/Operator Telephone: 562-712-8355
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210224
Handler Name: SANDRA SHELTON
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J39 **LEWIS INDUSTRIES DBA MCLANE MANUFATURING** **RCRA NonGen / NLR** **1027092941**
NW **6814 FOSTER BRIDGE BLVD** **CAL000466490**
1/8-1/4 **BELL GARDENS, CA 90201**
0.209 mi.
1103 ft. **Site 1 of 3 in cluster J**

Relative: **Lower**

Actual: **134 ft.**

RCRA Listings:

Date Form Received by Agency:		20211028
Handler Name:	LEWIS INDUSTRIES DBA MCLANE MANUFATURING	
Handler Address:		6814 FOSTER BRIDGE BLVD
Handler City,State,Zip:		BELL GARDENS, CA 90201
EPA ID:		CAL000466490
Contact Name:		ANNA MENDOZA
Contact Address:		6814 FOSTER BRIDGE BLVD
Contact City,State,Zip:		BELL GARDENS, CA 90201
Contact Telephone:		562-633-8158
Contact Fax:		562-297-0436
Contact Email:		ANNA@MCLANEEDGERS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		6814 FOSTER BRIDGE BLVD
Mailing City,State,Zip:		BELL GARDENS, CA 90201
Owner Name:	LEWIS INDUSTRIES	
Owner Type:		Other
Operator Name:	ANNA MENDOZA	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

LEWIS INDUSTRIES DBA MCLANE MANUFATURING (Continued) **1027092941**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20211029
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: ANNA MENDOZA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6814 FOSTER BRIDGE BLVD
Owner/Operator City,State,Zip:	BELL GARDENS, CA 90201
Owner/Operator Telephone:	562-633-8158
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: LEWIS INDUSTRIES	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1752 E LUGONIA AVE STE 117-47
Owner/Operator City,State,Zip:	REDLANDS, CA 92374
Owner/Operator Telephone:	562-633-8158
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

LEWIS INDUSTRIES DBA MCLANE MANUFATURING (Continued) **1027092941**

Historic Generators:
- Receive Date: 20211028
- Handler Name: LEWIS INDUSTRIES DBA MCLANE MANUFATURING
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: No
- Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
- NAICS Code: 56299
- NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

J40 **MCLANE MFG** **CERS HAZ WASTE** **S123532495**
NW **6814 FOSTER BRIDGE BLVD** **NPDES** **N/A**
1/8-1/4 **BELL GARDENS, CA 90201** **CERS**
0.209 mi. **HWTS**
1103 ft. **Site 2 of 3 in cluster J**

Relative: **Lower**
Actual: **134 ft.**

CERS HAZ WASTE:
- Name: LEWIS INDUSTRIES DBA MCLANE MANUFACTURING
- Address: 6814 FOSTER BRIDGE BLVD
- City,State,Zip: BELL GARDENS, CA 90201
- Site ID: 520331
- CERS ID: 10788517
- CERS Description: Hazardous Waste Generator

NPDES:
- Name: MCLANE MFG
- Address: 6814 FOSTER BRIDGE BLVD
- City,State,Zip: BELL GARDENS, CA 90201
- Facility Status: Not reported
- NPDES Number: Not reported
- Region: Not reported
- Agency Number: Not reported
- Regulatory Measure ID: Not reported
- Place ID: Not reported
- Order Number: Not reported
- WDID: Not reported
- Regulatory Measure Type: Industrial
- Program Type: Not reported
- Adoption Date Of Regulatory Measure: Not reported
- Effective Date Of Regulatory Measure: Not reported

MCLANE MFG (Continued) **S123532495**

Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Returned
Status Date:	03/16/2020
Operator Name:	Lewis Industries DBA Mclane Mfg
Operator Address:	6814 Foster Bridge Blvd
Operator City:	Bell Gardens
Operator State:	California
Operator Zip:	90201

CERS:

Name:	LEWIS INDUSTRIES DBA MCLANE MANUFACTURING
Address:	6814 FOSTER BRIDGE BLVD
City,State,Zip:	BELL GARDENS, CA 90201
Site ID:	520331
CERS ID:	10788517
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	520331
Site Name:	Lewis Industries DBA McLane Manufacturing
Violation Date:	10-31-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 11/30/2019. OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	520331
Site Name:	Lewis Industries DBA McLane Manufacturing
Violation Date:	01-04-2022
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 01/04/2022. OBSERVATION: 1x 55 gal drum of used oil located in the facility by centrifuging machine was observed open. CORRECTIVE ACTION: Operator corrected violation on-site.
Violation Division:	Los Angeles County Fire Department

MCLANE MFG (Continued) **S123532495**

Violation Program:	HW
Violation Source:	CERS,
Site ID:	520331
Site Name:	Lewis Industries DBA McLane Manufacturing
Violation Date:	10-31-2019
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 10/31/2019. OBSERVATION: The generator has not obtained an active EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that you have obtained an EPA ID number.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	520331
Site Name:	Lewis Industries DBA McLane Manufacturing
Violation Date:	01-04-2022
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 01/04/2022. OBSERVATION: 3x55 gallon drum of used oil located in the back outside the facility were observed without a hazardous waste label. CORRECTIVE ACTION: Operator corrected violation on-site.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	520331
Site Name:	Lewis Industries DBA McLane Manufacturing
Violation Date:	10-31-2019
Citation:	HSC 6.5 25143.9 - California Health and Safety Code, Chapter 6.5, Section(s) 25143.9
Violation Description:	Failure to manage a recyclable material pursuant to HSC 6.5 25143.2(b), (c), or (d).
Violation Notes:	Returned to compliance on 10/31/2019. OBSERVATION: Owner/Operator failed to label metal shaving mixed with oil as Excluded Recyclable Material (ERM). CORRECTIVE ACTION: Submit photo or documentation demonstrating compliance with HSC 6.5 25143.2(b), (c), or (d) for any material you claim qualifies as an excluded recyclable material, or indicate that this material is to be managed as a hazardous waste.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,

MCLANE MFG (Continued) **S123532495**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-31-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Jorge Valdez, Operation Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-04-2022
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Anna Mendoza, Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-31-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Jorge Valdez, Operation Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-04-2022
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Anna Mendoza, Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HWRecycler
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-04-2022
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Anna Mendoza, Manger
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,

Affiliation:

Affiliation Type Desc:	Parent Corporation
Entity Name:	Lewis Industries DBA McLane Manufacturing
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

MCLANE MFG (Continued) **S123532495**

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000,

Affiliation Type Desc:	Operator
Entity Name:	Anna Mendoza
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(562) 633-8158,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	6814 Foster Bridge Blvd
Affiliation City:	Bell Gardens
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90201
Affiliation Phone:	,

Affiliation Type Desc:	Document Preparer
Entity Name:	Anna Mendoza
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Anna Mendoza
Entity Title:	Not reported
Affiliation Address:	6814 Foster Bridge Blvd
Affiliation City:	Bell Gardens
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90201
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Anna Mendoza
Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

MCLANE MFG (Continued) **S123532495**

Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Lewis Industries
Entity Title: Not reported
Affiliation Address: 6814 Foster Bridge Blvd.
Affiliation City: Bell Gardens
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90201
Affiliation Phone: (562) 633-8158,

Affiliation Type Desc: Property Owner
Entity Name: D & N Properties
Entity Title: Not reported
Affiliation Address: 1752 E. Lugonia Ave. Suite 117-47
Affiliation City: Redlands
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92374
Affiliation Phone: (909) 962-7627,

HWTS:
Name: LEWIS INDUSTRIES DBA MCLANE MANUFATURING
Address: 6814 FOSTER BRIDGE BLVD
Address 2: Not reported
City,State,Zip: BELL GARDENS, CA 90201
EPA ID: CAL000466490
Inactive Date: Not reported
Create Date: 10/28/2021
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 6814 FOSTER BRIDGE BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: BELL GARDENS, CA 90201
Owner Name: LEWIS INDUSTRIES
Owner Address: 1752 E LUGONIA AVE STE 117-47
Owner Address 2: Not reported
Owner City,State,Zip: REDLANDS, CA 92374
Contact Name: ANNA MENDOZA
Contact Address: 6814 FOSTER BRIDGE BLVD
Contact Address 2: Not reported
City,State,Zip: BELL GARDENS, CA 90201
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 33.96845898
Longitude: -118.139377

J41 **JJ TIRES AND ROAD SUPPORT LLC** **RCRA NonGen / NLR** **1026055209**
NW **6814 FOSTER BRIDGE BLVD STE 200** **CAL000451389**
1/8-1/4 **BELL GARDENS, CA 90201**
0.209 mi.
1103 ft. **Site 3 of 3 in cluster J**

Relative: **Lower**
Actual: **134 ft.**

RCRA Listings:

Date Form Received by Agency:	20191217
Handler Name:	JJ TIRES AND ROAD SUPPORT LLC
Handler Address:	6814 FOSTER BRIDGE BLVD STE 200
Handler City,State,Zip:	BELL GARDENS, CA 90201
EPA ID:	CAL000451389
Contact Name:	WILLIAM DIMAS
Contact Address:	9742 GUATEMALA AVE
Contact City,State,Zip:	DOWNEY, CA 90240
Contact Telephone:	213-494-3061
Contact Fax:	Not reported
Contact Email:	W_DIMAS@MSN.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6814 FOSTER BRIDGE BLVD STE 200
Mailing City,State,Zip:	BELL GARDENS, CA 90201
Owner Name:	JJ TIRES & ROAD SUPPORT LLC
Owner Type:	Other
Operator Name:	WILLIAM DIMAS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

JJ TIRES AND ROAD SUPPORT LLC (Continued) **1026055209**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200210
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: JJ TIRES & ROAD SUPPORT LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6814 FOSTER BRIDGE BLVD STE 200
Owner/Operator City,State,Zip:	BELL GARDENS, CA 90201
Owner/Operator Telephone:	213-494-3061
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: WILLIAM DIMAS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9742 GUATEMALA AVE
Owner/Operator City,State,Zip:	DOWNEY, CA 90240
Owner/Operator Telephone:	213-494-3061
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

JJ TIRES AND ROAD SUPPORT LLC (Continued) **1026055209**

Historic Generators:
- Receive Date: 20191217
- Handler Name: JJ TIRES AND ROAD SUPPORT LLC
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 811111
- NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

G42 **C T & F CORP** **RCRA-SQG** **1000100362**
WSW **7228 SCOUT AVE** **FINDS** **CAD981444615**
1/8-1/4 **BELL GARDENS, CA 90201** **ECHO**
0.215 mi.
1135 ft. **Site 5 of 7 in cluster G**

Relative: **Lower**
Actual: **129 ft.**

RCRA Listings:
- Date Form Received by Agency: 19860910
- Handler Name: C T & F CORP
- Handler Address: 7228 SCOUT AVE
- Handler City,State,Zip: BELL GARDENS, CA 90201
- EPA ID: CAD981444615
- Contact Name: ENVIRONMENTAL MANAGER
- Contact Address: 7228 SCOUT AVE
- Contact City,State,Zip: BELL GARDENS, CA 90201
- Contact Telephone: 213-773-2536
- Contact Fax: Not reported
- Contact Email: Not reported
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Other
- Federal Waste Generator Description: Small Quantity Generator
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Handler Activities
- State District Owner: CA
- State District: 3
- Mailing Address: 7228 SCOUT AVE
- Mailing City,State,Zip: BELL GARDENS, CA 90201
- Owner Name: TOM GALLAND INC

C T & F CORP (Continued) **1000100362**

Owner Type:		Private
Operator Name:	NOT REQUIRED	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20020627
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		Not reported
Manifest Broker:		Not reported

C T & F CORP (Continued) **1000100362**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TOM GALLAND INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19860910
Handler Name: C T & F CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 23531
NAICS Description: ELECTRICAL CONTRACTORS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:

C T & F CORP (Continued) **1000100362**

Registry ID: 110002708865

Click Here for FRS Facility Detail Report:

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:	1000100362
Registry ID:	110002708865
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002708865
Name:	C T & F CORP
Address:	7228 SCOUT AVE
City,State,Zip:	BELL GARDENS, CA 90201

G43 **CT&F INC** **SWEEPS UST** **S103959273**
WSW **7228 SCOUT AVE** **N/A**
1/8-1/4 **BELL GARDENS, CA**
0.215 mi.
1135 ft. **Site 6 of 7 in cluster G**

Relative: **Lower**
Actual: **129 ft.**

SWEEPS UST:

Name:	CT&F INC
Address:	7228 SCOUT AVE
City:	BELL GARDENS
Status:	Active
Comp Number:	11214
Number:	9
Board Of Equalization:	44-009176
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-011214-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	2

Name:	CT&F INC
Address:	7228 SCOUT AVE
City:	BELL GARDENS
Status:	Active
Comp Number:	11214

CT&F INC (Continued) **S103959273**

Number:	9
Board Of Equalization:	44-009176
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-011214-000002
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

G44 **CT&F, INC** **LUST** **U002281892**
WSW **7228 S. SCOUT AVE** **Cortese** **N/A**
1/8-1/4 **BELL GARDENS, CA 90201** **HAZNET**
0.215 mi. **LOS ANGELES CO. HMS**
1135 ft. **Site 7 of 7 in cluster G** **CERS**
HWTS

Relative:
Lower

Actual:
129 ft.

LUST:

Name:	CT&F, INC
Address:	7228 S. SCOUT AVE
City,State,Zip:	BELL GARDENS, CA 90201
Lead Agency:	LOS ANGELES COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603711740
Global Id:	T0603711740
Latitude:	33.964261
Longitude:	-118.140234
Status:	Completed - Case Closed
Status Date:	03/13/2008
Case Worker:	TS
RB Case Number:	Not reported
Local Agency:	LOS ANGELES COUNTY
File Location:	Not reported
Local Case Number:	8454-11214
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603711740
Contact Type:	Local Agency Caseworker
Contact Name:	TIM SMITH
Organization Name:	LOS ANGELES COUNTY
Address:	900 S. FREMONT AVE.
City:	ALHAMBRA
Email:	tsmith@dpw.lacounty.gov
Phone Number:	Not reported

Global Id:	T0603711740
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200

CT&F, INC (Continued) **U002281892**

City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603711740
Action Type: Other
Date: 06/23/1999
Action: Leak Discovery

Global Id: T0603711740
Action Type: Other
Date: 06/23/1999
Action: Leak Reported

Global Id: T0603711740
Action Type: ENFORCEMENT
Date: 04/01/2009
Action: Closure/No Further Action Letter - #C559182

LUST:
Global Id: T0603711740
Status: Open - Case Begin Date
Status Date: 06/23/1999

Global Id: T0603711740
Status: Open - Site Assessment
Status Date: 06/23/1999

Global Id: T0603711740
Status: Open - Site Assessment
Status Date: 02/01/2006

Global Id: T0603711740
Status: Completed - Case Closed
Status Date: 03/13/2008

CORTESE:
Name: CT&F, INC
Address: 7228 S. SCOUT AVE
City,State,Zip: BELL GARDENS, CA 90201
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603711740
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported

CT&F, INC (Continued) **U002281892**

Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HAZNET:
Name: APG BGDOW
Address: 7228 SCOUT AVE
Address 2: Not reported
City,State,Zip: BELL GARDENS, CA 902014902
Contact: CORRI NICOL
Telephone: 3102742259
Mailing Name: Not reported
Mailing Address: 9350 WILSHIRE BLVD STE 302

Year: 2016
Gepaid: CAC002851511
TSD EPA ID: CAT080013352
CA Waste Code: 241 - Tank bottom waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 3.336

LOS ANGELES CO. HMS:
Name: CT&F INC
Address: 7228 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 902014902
Region: LA
Permit Category: I
Facility Id: 008454-I11214
Facility Type: 01
Facility Status: Closed
Area: 3Y
Permit Number: 00009038C
Permit Status: Closed

Name: CT&F INC
Address: 7228 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 902014902
Region: LA
Permit Category: T
Facility Id: 008454-011214
Facility Type: 0
Facility Status: Removed
Area: 3Y
Permit Number: 00002879T
Permit Status: Removed

Name: CT&F INC
Address: 7228 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 902014902
Region: LA

CT&F, INC (Continued) **U002281892**

Permit Category: Not reported
Facility Id: 008454-041759
Facility Type: Not reported
Facility Status: OPEN
Area: 3Y
Permit Number: Not reported
Permit Status: Not reported

CERS:
Name: CT&F INC
Address: 7228 S. SCOUT AVE
City,State,Zip: BELL GARDENS, CA 90201
Site ID: 109089
CERS ID: T0603711740
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: TIM SMITH - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S. FREMONT AVE.
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:
Name: APG BGDOW
Address: 7228 SCOUT AVE
Address 2: Not reported
City,State,Zip: BELL GARDENS, CA 90201
EPA ID: CAC002851511
Inactive Date: 06/03/2016
Create Date: 03/03/2016
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 9350 WILSHIRE BLVD STE 302
Mailing Address 2: Not reported
Mailing City,State,Zip: BEVERLY HILLS, CA 902123204
Owner Name: APG BGDOW
Owner Address: 9350 WILSHIRE BLVD STE 302
Owner Address 2: Not reported
Owner City,State,Zip: BEVERLY HILLS, CA 902123204
Contact Name: CORRI NICOL
Contact Address: 9350 WILSHIRE BLVD STE 302

CT&F, INC (Continued) **U002281892**

Contact Address 2:	Not reported
City,State,Zip:	BEVERLY HILLS, CA 902123204
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	33.964355
Longitude:	-118.140656

NAICS:

EPA ID:	CAC002851511
Create Date:	2016-03-03 16:48:13.337
NAICS Code:	53112
NAICS Description:	Lessors of Nonresidential Buildings (except Miniwarehouses)
Issued EPA ID Date:	2016-03-03 16:48:13.35300
Inactive Date:	2016-06-03 03:00:23.66300
Facility Name:	APG BGDOW
Facility Address:	7228 SCOUT AVE
Facility Address 2:	Not reported
Facility City:	BELL GARDENS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	902014902

K45 **PENSKE TRUCK LEASING** **RCRA NonGen / NLR** **1025880769**
WNW **6814 SUVA ST** **CAP000200109**
1/8-1/4 **BELL GARDENS, CA 90201**
0.233 mi.
1232 ft. **Site 1 of 2 in cluster K**

Relative: **Lower**

Actual: **131 ft.**

RCRA Listings:

Date Form Received by Agency:		20120829
Handler Name:	PENSKE TRUCK LEASING	
Handler Address:		6814 SUVA ST
Handler City,State,Zip:		BELL GARDENS, CA 90201
EPA ID:		CAP000200109
Contact Name:		PEGGY STEPE
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		951-565-0865
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		DOUBLE BARREL ENV CALLER
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		RTE 10 GREENHILLS
Mailing City,State,Zip:		READING, PA 19603
Owner Name:	Not reported	
Owner Type:		Not reported
Operator Name:	Not reported	
Operator Type:		Not reported

PENSKE TRUCK LEASING (Continued) **1025880769**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20120910
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

PENSKE TRUCK LEASING (Continued) **1025880769**

Historic Generators:

Receive Date:	20120531
Handler Name: PENSKE TRUCK LEASING	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20120829
Handler Name: PENSKE TRUCK LEASING	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

K46 **DOWNEY VENDORS, INC** **ENVIROSTOR** **S104241820**
WNW **6814 SUVA STREET** **VCP** **N/A**
1/8-1/4 **BELL GARDENS, CA 90201**
0.233 mi.
1232 ft. **Site 2 of 2 in cluster K**

Relative:
Lower

Actual:
131 ft.

ENVIROSTOR:

Name:	DOWNEY VENDORS, INC
Address:	6814 SUVA STREET
City,State,Zip:	BELL GARDENS, CA 90201
Facility ID:	19420035
Status:	No Further Action
Status Date:	06/30/2003
Site Code:	300749
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Agreement
Acres:	1.4
NPL:	NO
Regulatory Agencies:	SMBRP

DOWNEY VENDORS, INC (Continued) **S104241820**

Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: * Greg Holmes
Division Branch: Cleanup Cypress
Assembly: 58
Senate: 33
Special Program: Voluntary Agreement - Standard Voluntary Agreement
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.96664
Longitude: -118.1409
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: Cadmium and compounds Chromium VI Mercury and compounds
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: DOWNEY VENDORS
Alias Type: Alternate Name
Alias Name: 110033617708
Alias Type: EPA (FRS #)
Alias Name: 300749
Alias Type: Project Code (Site Code)
Alias Name: 19420035
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: 06/30/2003
Comments: Soil sampling was conducted at the site for metals. Sample results for the primary chemical of concern, Chrome VI, were all below 6 mg/kg. Other metals were below action levels. HERD reviewed risk calculations and determined that at these levels, the site was safe for unrestricted use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 12/13/1999
Comments: Voluntary Cleanup Agreement was signed for DTSC to provide oversight of a remedial investigation/feasibilty study and removal action. This site is located adjacent to Chrome Crankshaft (where an Imminent and/or Substantial Endangerment Order was issued). The Suva Intermediate School is also adjacent to this site. The extent of chromium contamination is to be investigated.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 07/26/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 05/15/2000

DOWNEY VENDORS, INC (Continued) **S104241820**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 09/16/2011
Comments: Close-out Memo sent to CRU.

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:
Name: DOWNEY VENDORS, INC
Address: 6814 SUVA STREET
City,State,Zip: BELL GARDENS, CA 90201
Facility ID: 19420035
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Agreement
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.4
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: * Greg Holmes
Division Branch: Cleanup Cypress
Site Code: 300749
Assembly: 58
Senate: 33
Special Programs Code: Voluntary Agreement - Standard Voluntary Agreement
Status: No Further Action
Status Date: 06/30/2003
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 33.96664 / -118.1409
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: 30108, 30153, 30357
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: DOWNEY VENDORS
Alias Type: Alternate Name
Alias Name: 110033617708
Alias Type: EPA (FRS #)
Alias Name: 300749
Alias Type: Project Code (Site Code)
Alias Name: 19420035
Alias Type: Envirostor ID Number

DOWNEY VENDORS, INC (Continued) **S104241820**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	06/30/2003
Comments:	Soil sampling was conducted at the site for metals. Sample results for the primary chemical of concern, Chrome VI, were all below 6 mg/kg. Other metals were below action levels. HERD reviewed risk calculations and determined that at these levels, the site was safe for unrestricted use.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	12/13/1999
Comments:	Voluntary Cleanup Agreement was signed for DTSC to provide oversight of a remedial investigation/feasibilty study and removal action. This site is located adjacent to Chrome Crankshaft (where an Imminent and/or Substantial Endangerment Order was issued). The Suva Intermediate School is also adjacent to this site. The extent of chromium contamination is to be investigated.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	07/26/2011
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Health & Safety Plan
Completed Date:	05/15/2000
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	09/16/2011
Comments:	Close-out Memo sent to CRU.

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

H47 **J&S CHROME** **CPS-SLIC** **S106387014**
West **6863 FLORENCE** **N/A**
1/8-1/4 **BELL GARDENS, CA 90201**
0.236 mi.
1245 ft. **Site 2 of 6 in cluster H**

Relative: **Lower**
Actual: **130 ft.**

SLIC REG 4:
Region: 4
Facility Status: Not reported
SLIC: 0466
Substance: Metal
Staff: Department of Toxic Substances Control

---

48 **REDA KAROUT** **RCRA NonGen / NLR** **1025853091**
ESE **7544 CALMCREST DR** **CAC003033293**
1/8-1/4 **DOWNEY, CA 90240**
0.240 mi.
1265 ft.

Relative: **Lower**
Actual: **135 ft.**

RCRA Listings:

Date Form Received by Agency:		20190911
Handler Name:	REDA KAROUT	
Handler Address:		7544 CALMCREST DR
Handler City,State,Zip:		DOWNEY, CA 90240-2601
EPA ID:		CAC003033293
Contact Name:		REDA KAROUT
Contact Address:		7544 CALMCREST DR
Contact City,State,Zip:		DOWNEY, CA 90240-2601
Contact Telephone:		562-879-3515
Contact Fax:		Not reported
Contact Email:		NANCYRUIZ@ALLIANCE-ENVIRO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		7544 CALMCREST DR
Mailing City,State,Zip:		DOWNEY, CA 90240-2601
Owner Name:	REDA KAROUT	
Owner Type:		Other
Operator Name:	REDA KAROUT	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No

REDA KAROUT (Continued) **1025853091**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190913
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: REDA KAROUT	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7544 CALMCREST DR
Owner/Operator City,State,Zip:	DOWNEY, CA 90240-2601
Owner/Operator Telephone:	562-879-3515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

REDA KAROUT (Continued) **1025853091**

Owner/Operator Indicator: Operator
Owner/Operator Name: REDA KAROUT
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 7544 CALMCREST DR
Owner/Operator City,State,Zip: DOWNEY, CA 90240-2601
Owner/Operator Telephone: 562-879-3515
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190911
Handler Name: REDA KAROUT
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H49 **J&S CHROME PLATING** **RESPONSE** **S103971219**
West **6863 FLORENCE PL** **ENVIROSTOR** **N/A**
1/8-1/4 **BELL GARDENS, CA 90201** **LIENS**
0.242 mi. **DEED**
1278 ft. **Site 3 of 6 in cluster H** **Cortese**
CERS
Relative: **NON-CASE INFO**
Lower

Actual: **130 ft.**

RESPONSE:
Name: J&S CHROME PLATING
Address: 6863 FLORENCE PL
City,State,Zip: BELL GARDENS, CA 90201
Facility ID: 19340358
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 2
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program

J&S CHROME PLATING (Continued) **S103971219**

Project Manager:	Farah Itani
Supervisor:	Emad Yemut
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	301907
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	58
Senate:	33
Special Program Status:	Not reported
Status:	Active
Status Date:	08/15/1995
Restricted Use:	YES
Funding:	Orphan Funds
Latitude:	33.96564
Longitude:	-118.1411
APN:	6358-019-005, 6358-019-006
Past Use:	METAL PLATING - CHROME
Potential COC :	Total Chromium (1:6 ratio Cr VI:Cr III Lead Tetrachloroethylene (PCE Trichloroethylene (TCE Cadmium and compounds Chromium VI Thallium and compounds
Confirmed COC:	Thallium and compounds Tetrachloroethylene (PCE Trichloroethylene (TCE Cadmium and compounds Chromium VI Total Chromium (1:6 ratio Cr VI:Cr III Lead
Potential Description:	AQUI, SOIL
Alias Name:	6358-019-005
Alias Type:	APN
Alias Name:	6358-019-006
Alias Type:	APN
Alias Name:	CAD008359002
Alias Type:	EPA Identification Number
Alias Name:	110002633213
Alias Type:	EPA (FRS #)
Alias Name:	110033612801
Alias Type:	EPA (FRS #)
Alias Name:	SL2042B1531
Alias Type:	GeoTracker Global ID
Alias Name:	T0603701239
Alias Type:	GeoTracker Global ID
Alias Name:	300255
Alias Type:	Project Code (Site Code)
Alias Name:	301734
Alias Type:	Project Code (Site Code)
Alias Name:	301907
Alias Type:	Project Code (Site Code)
Alias Name:	19340358
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	08/19/2009
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Workplan
Completed Date:	11/18/2008
Comments:	The site became an orphan site, the work that the RP was conducting

J&S CHROME PLATING (Continued) **S103971219**

at the site was terminated. This document is placed on hold.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 09/01/2001
Comments: Fact Sheet #1 completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/09/2007
Comments: The Emergency Removal Action Plan has been completed and approved. A CEQA Negative Declaration and Initial Study are currently undergoing internal DTSC review.

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 04/18/2008
Comments: Final RAP was approved.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/08/2012
Comments: DTSC received the final GWM report 4th quarter.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/01/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/09/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 04/18/2008
Comments: CEQA completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 08/12/2008
Comments: A lien on the J&S Chrome Plating Site was recorded with the Los Angeles County Recorder’s office.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/16/2009

J&S CHROME PLATING (Continued) **S103971219**

Comments: DTSC sent the letter on 4/14/09.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 11/03/2010
Comments: Start Work issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/30/1988
Comments: PRELIM ASSESS DONE SI LOW: IDENTIFY LEVELS OF SOIL CONTMN

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/20/1987
Comments: SITE SCREENING DONE CERCLIS SITE: CHROME PLATING, HAZARDOUS WASTE DISPOSAL ON SITE.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/22/2015
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 02/03/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 02/03/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 02/03/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 03/22/2010
Comments: DTSC received the Final Design for OU-2 GW Remediation dated March 2010

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 02/03/2010
Comments: Not reported

J&S CHROME PLATING (Continued) **S103971219**

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/07/2011
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 03/24/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/25/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 02/07/2011
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/24/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 09/12/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 11/03/1980
Comments: FACILITY IDENTIFIED FAC ID LACE LACE METAL PLATING CAUSTICS DUMPED 62

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Substantial Endangerment Order
Completed Date: 04/20/2007
Comments: Amended order issued to new site owners to prevent releases at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: DTSC PM conducted management over the fiscal year of 20/21.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

J&S CHROME PLATING (Continued) **S103971219**

Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/08/2020
Comments: DTSC approved the report provided the comments are incorporated in future field activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/13/2020
Comments: DTSC completed review of the monthly inspection report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/05/2020
Comments: DTSC and GSI had a meeting on 12/29/2020. On-site deep well MW-7B will be re-sampled in January 2021 and results will be presented in an addendum report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/07/2020
Comments: DTSC reviewed the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/29/2020
Comments: DTSC approved the report as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/16/2021
Comments: DTSC reviewed the inspection report and accepted it as is on 2/16/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/01/2021
Comments: DTSC completed review of the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/05/2021
Comments: DTSC completed review of the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/10/2021
Comments: DTSC reviewed the report and accepted it as.

Completed Area Name: PROJECT WIDE

J&S CHROME PLATING (Continued) **S103971219**

Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/02/2021
Comments: DTSC completed review of the monthly inspection report for May 2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/01/2020
Comments: Work Order Expires on 4/30/2022

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/16/2020
Comments: WDR Termination Notification From Regional Water Board

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/02/2020
Comments: DTSC prepared letter to the City authorizing contractors to apply for encroachment permit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/08/2021
Comments: DTSC completed review of monthly inspection report for June 2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/01/2021
Comments: DTSC completed review of the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/08/2021
Comments: DTSC completed review of the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/12/2021
Comments: DTSC completed review of October 2021 Inspection Report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/13/2021
Comments: DTSC reviewed the report and accepted it as is on 12/13/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

J&S CHROME PLATING (Continued) **S103971219**

Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/04/2022
Comments: DTSC reviewed the December 2021 inspection report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/08/2021
Comments: REW for FY 21-22 was finalized.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 10/04/1989
Comments: SITE SCREENING DONE EPA REVIEWED DHS' PRELIMINARY ASSESSMENT AND CHANGED RECOMMENDATION TO SCREENING SITE INSPECTION (MEDIUM).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/18/2007
Comments: Removal Action Scoping Completed by Geomatrix Consultants on May 18, 2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 11/02/2005
Comments: The feasibility study for the site has been approved, thereby completing the RI/FS.

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/26/2009
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 07/21/2009
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/31/2009
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE

J&S CHROME PLATING (Continued) **S103971219**

Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/21/2015
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/22/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/17/2015
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/20/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/14/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/16/2020
Comments: DTSC approved the report provided the comments are incorporated in future field activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 01/25/2022
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Subst. Endangerment Determination
Completed Date: 11/08/2000
Comments: I & SE Determination issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 12/18/2002
Comments: An Imminent and Substantial Endangerment and Remedial Action Order was issued to J & S Chrome Plating Inc.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported

J&S CHROME PLATING (Continued) **S103971219**

Completed Document Type: Land Use Restriction
Completed Date: 06/05/2017
Comments: Fully executed LUC was sent to owner to be recorded.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 11/25/2015
Comments: A Consent Decree approved the settlement agreement between the settling parties: J&S Chrome Plating Co., Kenfield DEV LLC,James Mancuso and DTSC for past and future response costs incurred or to be incurred by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/31/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 11/30/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 11/30/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/26/2020
Comments: Contract was executed on 6/26/2020.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 09/04/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/21/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/22/2013
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported

J&S CHROME PLATING (Continued) **S103971219**

Completed Document Type: Operation and Maintenance Report
Completed Date: 11/05/2013
Comments: Graph - OU-2 EL2a/b System Cr(VI) Throughput

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/07/2018
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
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: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
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: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
Comments: Routine Daily Operation Activities for Element 2

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
Comments: Not reported

J&S CHROME PLATING (Continued) **S103971219**

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/24/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/24/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/24/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/23/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/24/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/23/2019
Comments: This report was reviewed and was acceptable and approved on 7/23/2019.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/29/2020
Comments: DTSC and GSI had a meeting on 12/29/2020. On-site deep well MW-7B will be re-sampled in January 2021 and results will be presented in an addendum report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/03/2021
Comments: DTSC reviewed the report and accepted it as is.

J&S CHROME PLATING (Continued) **S103971219**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/23/2021
Comments: DTSC approved the report as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 12/13/2021
Comments: DTSC approved the FYR Report on 12/13/2021.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/16/2021
Comments: DTSC approved the addendum report on 2/16/2021.

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 07/08/2021
Comments: DTSC project manager communicated with the property owner regarding LUC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 10/05/2010
Comments: CFA Fully Executed for O&M of the SVE System and implementation of the GW OU RAP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 10/23/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PRP Identification Memorandum
Completed Date: 03/17/2014
Comments: PRP Identification Memorandum finalized.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Substantial Endangerment Order
Completed Date: 12/19/2002
Comments: Uploaded I&SE from 2002

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/24/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE

J&S CHROME PLATING (Continued) **S103971219**

Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 10/23/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 07/02/2007
Comments: Contract fully Executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/05/2008
Comments: Amendment to extend contract term and funing.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/15/2015
Comments: Contract Amendment #1.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 04/21/2015
Comments: Work Order Amendment #1.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 11/24/2015
Comments: This Consent Decree outlines the approved settlement entered by James Mancuso and DTSC for all response costs incurred by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 11/02/2015
Comments: Amendment #2 executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 11/02/2015
Comments: Work Order No.2 issued to Contractor.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/09/2007
Comments: H&S Plan was reviewed by DTSC IH Staff. Comments were addressed and the Plan was approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

J&S CHROME PLATING (Continued) **S103971219**

Completed Document Type: Fact Sheets
Completed Date: 12/13/2007
Comments: Fact Sheets (English and Spanish) completed 12/2007

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 09/01/2002
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 01/14/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/13/2006
Comments: Site Screening Completed

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 06/23/2008
Comments: Approved by DTSC.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/11/2012
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/17/2012
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/14/2012
Comments: This is an ongoing GW treatment plan, dated 6/2012.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/01/2012
Comments: Not reported

J&S CHROME PLATING (Continued) **S103971219**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/15/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/03/2019
Comments: The report was submitted to DTSC and was acceptable.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/08/2019
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/30/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/15/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/02/2020
Comments: FINAL 4TH QUARTER 2019 WDR

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/10/2018
Comments: Routine report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/02/2020
Comments: FINAL ANNUAL GWR

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 11/01/2010
Comments: Contract Fully Executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien

J&S CHROME PLATING (Continued) **S103971219**

Completed Date: 11/21/2011
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

ENVIROSTOR:
Name: J&S CHROME PLATING
Address: 6863 FLORENCE PL
City,State,Zip: BELL GARDENS, CA 90201
Facility ID: 19340358
Status: Active
Status Date: 08/15/1995
Site Code: 301907
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 2
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Farah Itani
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 58
Senate: 33
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Orphan Funds
Latitude: 33.96564
Longitude: -118.1411
APN: 6358-019-005, 6358-019-006
Past Use: METAL PLATING - CHROME
Potential COC: Total Chromium (1:6 ratio Cr VI:Cr III Lead Tetrachloroethylene (PCE Trichloroethylene (TCE Cadmium and compounds Chromium VI Thallium and compounds
Confirmed COC: Thallium and compounds Tetrachloroethylene (PCE Trichloroethylene (TCE Cadmium and compounds Chromium VI Total Chromium (1:6 ratio Cr VI:Cr III Lead
Potential Description: AQUI, SOIL
Alias Name: 6358-019-005
Alias Type: APN
Alias Name: 6358-019-006
Alias Type: APN
Alias Name: CAD008359002
Alias Type: EPA Identification Number
Alias Name: 110002633213
Alias Type: EPA (FRS #)
Alias Name: 110033612801
Alias Type: EPA (FRS #)

J&S CHROME PLATING (Continued) **S103971219**

Alias Name: SL2042B1531
Alias Type: GeoTracker Global ID
Alias Name: T0603701239
Alias Type: GeoTracker Global ID
Alias Name: 300255
Alias Type: Project Code (Site Code)
Alias Name: 301734
Alias Type: Project Code (Site Code)
Alias Name: 301907
Alias Type: Project Code (Site Code)
Alias Name: 19340358
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/19/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 11/18/2008
Comments: The site became an orphan site, the work that the RP was conducting at the site was terminated. This document is placed on hold.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 09/01/2001
Comments: Fact Sheet #1 completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/09/2007
Comments: The Emergency Removal Action Plan has been completed and approved. A CEQA Negative Declaration and Initial Study are currently undergoing internal DTSC review.

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 04/18/2008
Comments: Final RAP was approved.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/08/2012
Comments: DTSC received the final GWM report 4th quarter.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/01/2016
Comments: Not reported

J&S CHROME PLATING (Continued) **S103971219**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/09/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 04/18/2008
Comments: CEQA completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 08/12/2008
Comments: A lien on the J&S Chrome Plating Site was recorded with the Los Angeles County Recorder's office.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/16/2009
Comments: DTSC sent the letter on 4/14/09.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 11/03/2010
Comments: Start Work issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/30/1988
Comments: PRELIM ASSESS DONE SI LOW: IDENTIFY LEVELS OF SOIL CONTMN

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/20/1987
Comments: SITE SCREENING DONE CERCLIS SITE: CHROME PLATING, HAZARDOUS WASTE DISPOSAL ON SITE.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/22/2015
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 02/03/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water

J&S CHROME PLATING (Continued) **S103971219**

Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 02/03/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 02/03/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 03/22/2010
Comments: DTSC received the Final Design for OU-2 GW Remediation dated March 2010

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 02/03/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/07/2011
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 03/24/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/25/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 02/07/2011
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/24/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports

J&S CHROME PLATING (Continued) **S103971219**

Completed Date: 09/12/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 11/03/1980
Comments: FACILITY IDENTIFIED FAC ID LACE LACE METAL PLATING CAUSTICS DUMPED 62

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Substantial Endangerment Order
Completed Date: 04/20/2007
Comments: Amended order issued to new site owners to prevent releases at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: DTSC PM conducted management over the fiscal year of 20/21.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/08/2020
Comments: DTSC approved the report provided the comments are incorporated in future field activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/13/2020
Comments: DTSC completed review of the monthly inspection report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/05/2020
Comments: DTSC and GSI had a meeting on 12/29/2020. On-site deep well MW-7B will be re-sampled in January 2021 and results will be presented in an addendum report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/07/2020
Comments: DTSC reviewed the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/29/2020
Comments: DTSC approved the report as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

J&S CHROME PLATING (Continued) **S103971219**

Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/16/2021
Comments: DTSC reviewed the inspection report and accepted it as is on 2/16/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/01/2021
Comments: DTSC completed review of the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/05/2021
Comments: DTSC completed review of the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/10/2021
Comments: DTSC reviewed the report and accepted it as.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/02/2021
Comments: DTSC completed review of the monthly inspection report for May 2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/01/2020
Comments: Work Order Expires on 4/30/2022

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/16/2020
Comments: WDR Termination Notification From Regional Water Board

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/02/2020
Comments: DTSC prepared letter to the City authorizing contractors to apply for encroachment permit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/08/2021
Comments: DTSC completed review of monthly inspection report for June 2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)

J&S CHROME PLATING (Continued) **S103971219**

Completed Date: 09/01/2021
Comments: DTSC completed review of the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/08/2021
Comments: DTSC completed review of the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/12/2021
Comments: DTSC completed review of October 2021 Inspection Report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/13/2021
Comments: DTSC reviewed the report and accepted it as is on 12/13/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/04/2022
Comments: DTSC reviewed the December 2021 inspection report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/08/2021
Comments: REW for FY 21-22 was finalized.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 10/04/1989
Comments: SITE SCREENING DONE EPA REVIEWED DHS' PRELIMINARY ASSESSMENT AND CHANGED RECOMMENDATION TO SCREENING SITE INSPECTION (MEDIUM).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/18/2007
Comments: Removal Action Scoping Completed by Geomatrix Consultants on May 18, 2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 11/02/2005
Comments: The feasibility study for the site has been approved, thereby completing the RI/FS.

Completed Area Name: Operable Unit (OU) No. 1 - Soil

J&S CHROME PLATING (Continued) **S103971219**

Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/26/2009
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 07/21/2009
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/31/2009
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/21/2015
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/22/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/17/2015
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/20/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/14/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/16/2020

J&S CHROME PLATING (Continued) **S103971219**

Comments:	DTSC approved the report provided the comments are incorporated in future field activities.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Workplan
Completed Date:	01/25/2022
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Imminent and/or Subst. Endangerment Determination
Completed Date:	11/08/2000
Comments:	I & SE Determination issued.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date:	12/18/2002
Comments:	An Imminent and Substantial Endangerment and Remedial Action Order was issued to J & S Chrome Plating Inc.
Completed Area Name:	Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction
Completed Date:	06/05/2017
Comments:	Fully executed LUC was sent to owner to be recorded.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Consent Decree
Completed Date:	11/25/2015
Comments:	A Consent Decree approved the settlement agreement between the settling parties: J&S Chrome Plating Co., Kenfield DEV LLC,James Mancuso and DTSC for past and future response costs incurred or to be incurred by DTSC.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction
Completed Date:	03/31/2017
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Work Order
Completed Date:	11/30/2017
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	11/30/2017
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

J&S CHROME PLATING (Continued) **S103971219**

Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/26/2020
Comments: Contract was executed on 6/26/2020.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 09/04/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/21/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/22/2013
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/05/2013
Comments: Graph - OU-2 EL2a/b System Cr(VI) Throughput

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/07/2018
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
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

J&S CHROME PLATING (Continued) **S103971219**

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
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: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
Comments: Routine Daily Operation Activities for Element 2

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/24/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/24/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/24/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/23/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Other Report

J&S CHROME PLATING (Continued) **S103971219**

Completed Date: 03/24/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/23/2019
Comments: This report was reviewed and was acceptable and approved on 7/23/2019.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/29/2020
Comments: DTSC and GSI had a meeting on 12/29/2020. On-site deep well MW-7B will be re-sampled in January 2021 and results will be presented in an addendum report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/03/2021
Comments: DTSC reviewed the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/23/2021
Comments: DTSC approved the report as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 12/13/2021
Comments: DTSC approved the FYR Report on 12/13/2021.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/16/2021
Comments: DTSC approved the addendum report on 2/16/2021.

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 07/08/2021
Comments: DTSC project manager communicated with the property owner regarding LUC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 10/05/2010
Comments: CFA Fully Executed for O&M of the SVE System and implementation of the GW OU RAP.

Completed Area Name: PROJECT WIDE

J&S CHROME PLATING (Continued) **S103971219**

Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 10/23/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PRP Identification Memorandum
Completed Date: 03/17/2014
Comments: PRP Identification Memorandum finalized.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Substantial Endangerment Order
Completed Date: 12/19/2002
Comments: Uploaded I&SE from 2002

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/24/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 10/23/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 07/02/2007
Comments: Contract fully Executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/05/2008
Comments: Amendment to extend contract term and funing.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/15/2015
Comments: Contract Amendment #1.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 04/21/2015
Comments: Work Order Amendment #1.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 11/24/2015

J&S CHROME PLATING (Continued) **S103971219**

Comments: This Consent Decree outlines the approved settlement entered by James Mancuso and DTSC for all response costs incurred by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 11/02/2015
Comments: Amendment #2 executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 11/02/2015
Comments: Work Order No.2 issued to Contractor.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/09/2007
Comments: H&S Plan was reviewed by DTSC IH Staff. Comments were addressed and the Plan was approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 12/13/2007
Comments: Fact Sheets (English and Spanish) completed 12/2007

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 09/01/2002
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 01/14/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/13/2006
Comments: Site Screening Completed

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 06/23/2008
Comments: Approved by DTSC.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/11/2012
Comments: Not reported

J&S CHROME PLATING (Continued) **S103971219**

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/17/2012
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/14/2012
Comments: This is an ongoing GW treatment plan, dated 6/2012.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/01/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/15/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/03/2019
Comments: The report was submitted to DTSC and was acceptable.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/08/2019
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/30/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/15/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

J&S CHROME PLATING (Continued) **S103971219**

Completed Date:	01/02/2020
Comments:	FINAL 4TH QUARTER 2019 WDR
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	07/10/2018
Comments:	Routine report.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction Monitoring Report
Completed Date:	01/02/2020
Comments:	FINAL ANNUAL GWR
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	11/01/2010
Comments:	Contract Fully Executed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Lien
Completed Date:	11/21/2011
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

LIENS:

Name:	J&S CHROME PLATING
City,State,Zip:	BELL GARDENS, CA 90201
Envirostor Id:	19340358
Latitude:	33.965645
Longitude:	-118.14114
Project Mgr:	FARAH ITANI
Project Code:	300255, 301734, 301907
If Satisfied:	NO
Date Satisfied:	Not reported
Site Status:	ACTIVE
Site Type:	STATE RESPONSE OR NPL
Completed:	08/12/2008
Lien Amount:	$3,689,000
Amount Remaining:	Not reported
APNS:	6358-019-005, 6358-019-006
Description:	J & S Chrome Plating operated a chrome plating facility from 1953 to 1999. The manufacturing process consisted of chrome, zinc and cadmium plating of metal. Solvent degreasing operations were also performed using napthylene, methyl ethyl ketone, trichloroethylene,

J&S CHROME PLATING (Continued) **S103971219**

tetrachloroethylene, & 1,1,1-trichloroethane. The two-acre site is divided into two parcels; the North Parcel and the South Parcel. All plating operations were reportedly performed on the South Parcel. The North Parcel is undeveloped land. Some soil remediation at the South Parcel was carried-out under the Los Angeles Regional Water Quality Control Board in 1995. Realizing that subsequent cleanup at the site is needed, the site owner applied to the Cal/EPA Site Designation Committee requesting that the Department of Toxic Substances Control (DTSC) oversee further investigation and cleanup. Cal/EPA designated DTSC the overseeing agency for remaining investigation & cleanup on February 24, 1999. Groundwater at the site is approximately 70 feet below ground surface. A Remedial Action Plan to treat contaminated ground- water was approved by RWQCB but not implemented. In March 1999, the unpaved north lot was sampled and hexavalent chromium was detected in shallow soils ranging from 0.122-67 mg/kg at the surface and decreasing to less than 2 mg/kg for samples collected from one to five feet below ground surface. Following DTSC's requirement that the unpaved north lot be covered, a contractor for J&S Chrome Plating submitted a Removal Action Work Plan (RAW) for paving north lot. Also, a draft Investigation Report was submitted to DTSC with a recommendation for future areas of investigation. DTSC provided comments on both the draft RAW and Investigation Report. DTSC forwarded additional comments for a revised RAW and Health and Safety Plan in December 1999 and also forwarded final comments on the Investigation Report with a request for an RI/FS Work Plan in September 1999. In September 2001, soil sampling was done on the North Parcel and an RI report is due in December 2001. A state funding prioritization package was developed in June 2000 and $350,000 in Orphan Sites funds was allocated for the site. DTSC activated a task order with a State Contractor to investigate the site soil and to cover the north unpaved lot with asphalt. A CEQA Notice of Exemption through Title 14 Section 15061(b)(3) (No possibility of a significant effect) was approved for this activity.The remedial construction activities were initiated on February 8, 2010, with construction of the on-site wells. All elements of the remedial construction were complete on June 25, 2010. Completion of minor construction and housekeeping activities were performed during July and August 2010. Preliminary startup and shakedown of the on-site hydraulic containment system (Element 2b) occurred in conjunction with the RA at OU-1 and was completed on June 17, 2010. Full-time operation of the system started in October 2010. On December 24, 2015, In exchange for release of all liability for both all past and future costs, Respondent J&S Chrome Plating Company (Isola Law Group, LLP for J&S Chrome Company a California Corporation), paid DTSC $1,000,000.00. The Consent Decree stipulated that DTSC will continue to hold a lien against the subject property in the amount of $5,237,334.05 and shall receive a payment from Respondents upon the sale of the property. At such time payment from the proceeds of the property sale is remitted to DTSC, in accordance with the terms of Section V., 27, c., DTSC will release the lien. The payment received as a result of the sale should be applied to fund 0294 to continue the operation and maintenance required at the site. Respondent James Mancuso, in exchange for release of all liability for both all past and future costs, agreed to pay DTSC $65,000.00. Land Use Covenant and Agreement between DTSC and J&S (c/o David Isola Law Group) was signed in 6.2016. A total of 3,084,900 gallons of groundwater was extracted, treated, and reinjected thru the

J&S CHROME PLATING (Continued) **S103971219**

groundwater treatment system between 2012 through 2015. In addition, various in-situ chemical injection events were conducted in 2010, 2011, 2012, 2015, and recently in 2018, to establish the treatment barrier system at multiple locations along the groundwater plume. Currently, routine quarterly groundwater monitoring events are conducted at the site (both on-site and off-site) per Waste Discharge Requirement. Based on the discussion with Water Replenishment District, confirmation of the deeper groundwater condition around the site may be evaluated in the upcoming five-year review. The site is maintained and secured since the implementation of the remedy.

Name:	J&S CHROME PLATING
City,State,Zip:	BELL GARDENS, CA 90201
Envirostor Id:	19340358
Latitude:	33.965645
Longitude:	-118.14114
Project Mgr:	FARAH ITANI
Project Code:	300255, 301734, 301907
If Satisfied:	NO
Date Satisfied:	Not reported
Site Status:	ACTIVE
Site Type:	STATE RESPONSE OR NPL
Completed:	11/21/2011
Lien Amount:	$5,257,334.05
Amount Remaining:	Not reported
APNS:	6358-019-005, 6358-019-006
Description:	J & S Chrome Plating operated a chrome plating facility from 1953 to 1999. The manufacturing process consisted of chrome, zinc and cadmium plating of metal. Solvent degreasing operations were also performed using napthylene, methyl ethyl ketone, trichloroethylene, tetrachloroethylene, & 1,1,1-trichloroethane. The two-acre site is divided into two parcels; the North Parcel and the South Parcel. All plating operations were reportedly performed on the South Parcel. The North Parcel is undeveloped land. Some soil remediation at the South Parcel was carried-out under the Los Angeles Regional Water Quality Control Board in 1995. Realizing that subsequent cleanup at the site is needed, the site owner applied to the Cal/EPA Site Designation Committee requesting that the Department of Toxic Substances Control (DTSC) oversee further investigation and cleanup. Cal/EPA designated DTSC the overseeing agency for remaining investigation & cleanup on February 24, 1999. Groundwater at the site is approximately 70 feet below ground surface. A Remedial Action Plan to treat contaminated ground- water was approved by RWQCB but not implemented. In March 1999, the unpaved north lot was sampled and hexavalent chromium was detected in shallow soils ranging from 0.122-67 mg/kg at the surface and decreasing to less than 2 mg/kg for samples collected from one to five feet below ground surface. Following DTSC's requirement that the unpaved north lot be covered, a contractor for J&S Chrome Plating submitted a Removal Action Work Plan (RAW) for paving north lot. Also, a draft Investigation Report was submitted to DTSC with a recommendation for future areas of investigation. DTSC provided comments on both the draft RAW and Investigation Report. DTSC forwarded additional comments for a revised RAW and Health and Safety Plan in December 1999 and also forwarded final comments on the Investigation Report with a request for an RI/FS Work Plan in September 1999. In September 2001, soil sampling was done on the North Parcel and an RI report is due in December 2001. A state

J&S CHROME PLATING (Continued) **S103971219**

funding prioritization package was developed in June 2000 and $350,000 in Orphan Sites funds was allocated for the site. DTSC activated a task order with a State Contractor to investigate the site soil and to cover the north unpaved lot with asphalt. A CEQA Notice of Exemption through Title 14 Section 15061(b)(3) (No possibility of a significant effect) was approved for this activity.The remedial construction activities were initiated on February 8, 2010, with construction of the on-site wells. All elements of the remedial construction were complete on June 25, 2010. Completion of minor construction and housekeeping activities were performed during July and August 2010. Preliminary startup and shakedown of the on-site hydraulic containment system (Element 2b) occurred in conjunction with the RA at OU-1 and was completed on June 17, 2010. Full-time operation of the system started in October 2010. On December 24, 2015, In exchange for release of all liability for both all past and future costs, Respondent J&S Chrome Plating Company (Isola Law Group, LLP for J&S Chrome Company a California Corporation), paid DTSC $1,000,000.00. The Consent Decree stipulated that DTSC will continue to hold a lien against the subject property in the amount of $5,237,334.05 and shall receive a payment from Respondents upon the sale of the property. At such time payment from the proceeds of the property sale is remitted to DTSC, in accordance with the terms of Section V., 27, c., DTSC will release the lien. The payment received as a result of the sale should be applied to fund 0294 to continue the operation and maintenance required at the site. Respondent James Mancuso, in exchange for release of all liability for both all past and future costs, agreed to pay DTSC $65,000.00. Land Use Covenant and Agreement between DTSC and J&S (c/o David Isola Law Group) was signed in 6.2016. A total of 3,084,900 gallons of groundwater was extracted, treated, and reinjected thru the groundwater treatment system between 2012 through 2015. In addition, various in-situ chemical injection events were conducted in 2010, 2011, 2012, 2015, and recently in 2018, to establish the treatment barrier system at multiple locations along the groundwater plume. Currently, routine quarterly groundwater monitoring events are conducted at the site (both on-site and off-site) per Waste Discharge Requirement. Based on the discussion with Water Replenishment District, confirmation of the deeper groundwater condition around the site may be evaluated in the upcoming five-year review. The site is maintained and secured since the implementation of the remedy.

DEED:
Name: J&S CHROME PLATING
Address: 6863 FLORENCE PL
City,State,Zip: BELL GARDENS, CA 90201
Envirostor ID: 19340358
Area: OPERABLE UNIT (OU) NO. 2 - GROUND WATER
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

Name: J&S CHROME PLATING
Address: 6863 FLORENCE PL

J&S CHROME PLATING (Continued) **S103971219**

City,State,Zip: BELL GARDENS, CA 90201
Envirostor ID: 19340358
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

CORTESE:

Name:	J&S CHROME PLATING
Address:	6863 FLORENCE PL
City,State,Zip:	BELL GARDENS, CA 90201
Region:	CORTESE
Envirostor Id:	19340358
Global ID:	Not reported
Site/Facility Type:	STATE RESPONSE
Cleanup Status:	ACTIVE - LAND USE RESTRICTIONS
Status Date:	08/15/1995
Site Code:	300255, 301734, 301907
Latitude:	33.965645
Longitude:	-118.14114
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Haz Waste & Substances Sites

CERS:

Name:	J&S CHROME PLATING
Address:	6863 FLORENCE PL
City,State,Zip:	BELL GARDENS, CA 90201
Site ID:	608022
CERS ID:	19340358
CERS Description:	State Response

Affiliation:

Affiliation Type Desc:	Lead Project Manager
Entity Name:	Farah Itani
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Supervisor

J&S CHROME PLATING (Continued) **S103971219**

Entity Name:	Emad Yemut
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

NON-CASE INFO:

Name:	J&S CHROME PLATING
Address:	6863 FLORENCE PL
City,State,Zip:	BELL GARDENS, CA 90201
Global ID:	T10000013494
Case Type:	Non-Case Information
Status:	Pending Review
Status Date:	09/23/2019
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
Loc Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	2019-09-23 00:00:00
How Discovered:	Not reported
How Discovered Description:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Geotracker:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000013494

H50 **J & S CHROME** **LUST** **S100224324**
West **6863 FLORENCE PL E** **CPS-SLIC** **N/A**
1/8-1/4 **BELL GARDENS, CA 90201** **HIST CORTESE**
0.242 mi. **CERS**
1278 ft. **Site 4 of 6 in cluster H**

Relative: **Lower**
Actual: **130 ft.**

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	902010052
Status:	Remediation Plan
Substance:	Chromium
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Specific tank leak that has contaminated a specific well used for drinking water
Abatement Method Used at the Site:	EDET
Global ID:	T0603701239
W Global ID:	Not reported
Staff:	SLC
Local Agency:	19000

J & S CHROME (Continued) **S100224324**

Cross Street:	SCOUT	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		6/8/1988
Date Leak Record Entered:	6/14/1988	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	7/20/1988	
Date Case Last Changed on Database:		2/18/1997
Date the Case was Closed:		Not reported
How Leak Discovered:	Subsurface Monitoring	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	MANCUSO, JAMES	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		374.28686946048799660718507362
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		1/12/1989
Remediation Plan Submitted:		8/18/1998
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:	J&S CHROME PLATING COMPANY,INC	
RP Address:	6863 FLORENCE PL, BELL GARDENS, CA 90201	
Program:	SLIC	
Lat/Long:	33.9654029 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	1	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	DOWN GRADIENT WELL MW-3 FOUND CONTAMINATED WITH CHROMIUM. CASE REFERRED TO SLIC UNIT-DH 2/18/97 - GW MON & SAMPLING RPT 6/30/97 - SOIL CLOSURE LETTER	

CPS-SLIC:

Name:	J & S CHROME
Address:	6863 FLORENCE PL E
City,State,Zip:	BELL GARDENS, CA 90201
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	01/29/2015
Global Id:	T0603701239
Lead Agency:	DEPARTMENT OF TOXIC SUBSTANCES CONTROL

J & S CHROME (Continued) **S100224324**

Lead Agency Case Number:	19340358
Latitude:	33.9654029
Longitude:	-118.1412118
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	LOS ANGELES COUNTY
RB Case Number:	902010052
File Location:	DTSC
Potential Media Affected:	Well used for drinking water supply
Potential Contaminants of Concern:	Chromium
Site History:	DTSC is the lead agency. http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id= 19340358

Click here to access the California GeoTracker records for this facility:

HIST CORTESE:

edr_fname:	J & S CHROME
edr_fadd1:	6863 FLORENCE
City,State,Zip:	BELL GARDENS, CA 90201
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	902010052

CERS:

Name:	J & S CHROME
Address:	6863 FLORENCE PL E
City,State,Zip:	BELL GARDENS, CA 90201
Site ID:	237131
CERS ID:	T0603701239
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JOHN AWUJO - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S FREMONT AVE
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6264583507,

H51 **J&S CHROME PLATING** **SEMS** **1000106932**
West **683 FLORENCE PLACE** **HIST Cal-Sites** **CAD982400343**
1/8-1/4 **BELL GARDENS, CA 90201** **SWEEPS UST**
0.242 mi. **HIST UST**
1278 ft. **Site 5 of 6 in cluster H** **LOS ANGELES CO. HMS**

Relative: **Lower**
Actual: **130 ft.**

SEMS:

Site ID:	0900038
EPA ID:	CAD982400343
Name:	J&S CHROME PLATING
Address:	683 FLORENCE PLACE
Address 2:	Not reported

J&S CHROME PLATING (Continued) **1000106932**

City,State,Zip: BELL GARDENS, CA 90201
Cong District: 30
FIPS Code: 06037
Latitude: 33.966667
Longitude: -118.163333
FF: N
NPL: Not on the NPL
Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

SEMS Detail:

Region: 09
Site ID: 0900038
EPA ID: CAD982400343
Site Name: J&S CHROME PLATING
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1991-09-06 04:00:00
Finish Date: 1992-03-31 05:00:00
Qual: L
Current Action Lead: EPA Perf

Region: 09
Site ID: 0900038
EPA ID: CAD982400343
Site Name: J&S CHROME PLATING
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1988-06-01 04:00:00
Finish Date: 1988-06-01 04:00:00
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0900038
EPA ID: CAD982400343
Site Name: J&S CHROME PLATING
NPL: N
FF: N
OU: 00
Action Code: VA
Action Name: OTHR CLEANUP
SEQ: 1
Start Date: 2000-10-01 04:00:00
Finish Date: Not reported
Qual: H
Current Action Lead: St Perf

Region: 09
Site ID: 0900038
EPA ID: CAD982400343

J&S CHROME PLATING (Continued) **1000106932**

Site Name:	J&S CHROME PLATING
NPL:	N
FF:	N
OU:	00
Action Code:	OO
Action Name:	SITE REASS
SEQ:	1
Start Date:	2000-08-15 04:00:00
Finish Date:	2001-06-06 04:00:00
Qual:	H
Current Action Lead:	St Perf
Region:	09
Site ID:	0900038
EPA ID:	CAD982400343
Site Name:	J&S CHROME PLATING
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1989-10-04 04:00:00
Qual:	H
Current Action Lead:	St Perf
Region:	09
Site ID:	0900038
EPA ID:	CAD982400343
Site Name:	J&S CHROME PLATING
NPL:	N
FF:	N
OU:	00
Action Code:	OO
Action Name:	SITE REASS
SEQ:	2
Start Date:	Not reported
Finish Date:	2006-06-13 04:00:00
Qual:	H
Current Action Lead:	St Perf

Calsite:

Name:	J & S CHROME PLATING
Address:	6863 FLORENCE PL
City:	BELL GARDENS
Region:	GLENDALE
Facility ID:	19340358
Facility Type:	RP
Type:	RESPONSIBLE PARTY
Branch:	SB
Branch Name:	SO CAL - CYPRESS
File Name:	Not reported
State Senate District:	08151995
Status:	ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name:	ANNUAL WORKPLAN - ACTIVE SITE

J&S CHROME PLATING (Continued) **1000106932**

Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL
NPL:	Not Listed
SIC Code:	34
SIC Name:	MANU - FABRICATED METAL PRODUCTS
Access:	Controlled
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Not reported
Staff Member Responsible for Site:	YAREF
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	Not reported
Region Water Control Board Name:	Not reported
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	50
State Senate District Code:	30
Facility ID:	19340358
Activity:	DISC
Activity Name:	DISCOVERY
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11031980
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19340358
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03201987
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0

J&S CHROME PLATING (Continued) **1000106932**

Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19340358
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10041989
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19340358
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	UNILA
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12182002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0

J&S CHROME PLATING (Continued) **1000106932**

Unknown Type:	0
Facility ID:	19340358
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	12312004
Revised Due Date:	06302005
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19340358
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	ISED
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11082000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19340358
Activity:	DES
Activity Name:	DESIGN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	12312005
Revised Due Date:	Not reported
Comments Date:	Not reported

J&S CHROME PLATING (Continued) **1000106932**

Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19340358
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	06302005
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19340358
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	09302006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported

J&S CHROME PLATING (Continued) **1000106932**

Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19340358
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	09302007
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19340358
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	06302032
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	6863 EAST FLORENCE PLACE
Alternate City,St,Zip:	BELL GARDENS, CA 90201

J&S CHROME PLATING (Continued) **1000106932**

Alternate Address:	6863 FLORENCE PL
Alternate City,St,Zip:	BELL GARDENS, CA 90201
Background Info:	J & S Chrome Plating operated a chrome plating facility from 1953 to 1999. The manufacturing process consisted of chrome, zinc, and cadmium plating of metal. Solvent degreasing operations were also performed using napthylene, methyl ethyl ketone, trichloroethylene, tetrachloroethylene, & 1,1,1-trichloroethane. The two-acre site is divided into two parcels; North Parcel and South Parcel. All plating operations were reportedly performed on the South Parcel. The North Parcel is undeveloped land. Some soil remediation at the South Parcel was carried-out under the Los Angeles Regional Water Quality Control Board in 1995. Realizing that subsequent cleanup at the site is needed, the site owner applied to the Cal/EPA Site Designation Committee requesting that the Department of Toxic Substances Control (DTSC) oversee further investigation and cleanup. Cal/EPA designated DTSC the overseeing agency for remaining investigation & cleanup on February 24, 1999. Not reported Groundwater at the site is approximately 70 feet below ground surface. A Remedial Action Plan to treat contaminated groundwater was approved by RWQCB but not implemented. In March 1999, the unpaved north lot was sampled and hexavalent chromium was detected in shallow soils ranging from 0.122-67 mg/kg at the surface and decreasing to less than 2 mg/kg for samples collected from one- to five-feet below ground surface. Not reported Following DTSC's requirement that the unpaved north lot be covered, a contractor for J&S Chrome Plating submitted a Removal Action Work Plan (RAW) for paving north lot. Also, a draft Investigation Report was submitted to DTSC with a recommendation for future areas of investigation. DTSC provided comments on both the draft RAW and Investigation Report. DTSC forwarded additional comments for a revised RAW and Health and Safety Plan in December 1999 and also forwarded final comments on the Investigation Report with a request for an RI/FS Work Plan in September 1999. In September 2001, soil sampling was done on the North Parcel and an RI report is due in December 2001. Not reported A state funding prioritization package was developed in June 2000 and $350,000 in Orphan Sites funds was allocated for the site. DTSC activated a task order with a State Contractor to investigate the site soil and to cover the north unpaved lot with asphalt. A CEQA Notice of Exemption through Title 14 Section 15061(b)(3) (No possibility of a significant effect) was approved for this activity. Not reported
Comments Date:	01251985
Comments:	INSPECTION(LOCAL) LA CO ENGINEER: WASTES STORED IN UNDIKED
Comments Date:	01251985
Comments:	NON-APPROVED STORAGE FACILITY
Comments Date:	02031981
Comments:	LACSD SEWERED FAC
Comments Date:	03101981
Comments:	FACILITY DRIVE-BY SHALLOW DRAINAGE DITCH WITH GREEN WATER.
Comments Date:	03101981
Comments:	SCRAP METAL ON PROPERTY.

J&S CHROME PLATING (Continued) **1000106932**

Comments Date:	03111981
Comments:	FINAL STRATEGY SITE REFERRED: TO LACE,HWMB,RWQCB
Comments Date:	03201987
Comments:	SITE SCREENING DONE CERCLIS SITE: CHROME PLATING, HAZARDOUS
Comments Date:	03201987
Comments:	WASTE DISPOSAL ON SITE.
Comments Date:	03271982
Comments:	FACILITY DRIVE-BY SITE CLEANED UP
Comments Date:	04011999
Comments:	A limited subsurface soil investigation of North Parcel Area
Comments Date:	04011999
Comments:	was performed. Results confirmed hexavolent chromium
Comments Date:	04011999
Comments:	contamination ranging from 0.06 to 67.00 ppm.
Comments Date:	04011999
Comments:	Not reported
Comments Date:	04011999
Comments:	Not reported
Comments Date:	04171986
Comments:	FACILITY DRIVE-BY NO STAINING SEEN. CONE HOPPER SEEN.
Comments Date:	04221991
Comments:	HAZD. RANKING SCORE 17.53
Comments Date:	04221991
Comments:	HRS PACKAGE COMPLETED 3-21-90
Comments Date:	04221991
Comments:	DEPT. MAILED PACKAGE TO RP 4-18-91 FOR
Comments Date:	04221991
Comments:	REVIEW AND COMMENTS
Comments Date:	05081988
Comments:	DEPT OF PUB WK: INSP HISTORY
Comments Date:	06101991
Comments:	EPA/CERCLA SITE
Comments Date:	06151988
Comments:	FACILITY DRIVE-BY FAC IS COMPLETELY PAVED; SOME STAINING
Comments Date:	06151988
Comments:	OF PAVEMENT NOTED; DRUMS & DIP TANK
Comments Date:	06151988
Comments:	OBSERVED (CONTENTS UNKNOWN).
Comments Date:	06281993
Comments:	THE DEPT RECEIVED A SI REPORT FROM U.S. EPA RECOMMENDS
Comments Date:	06281993
Comments:	LOWER PRIORITY FOR FURTHER SITE ASSESSMENT ON 3/31/92.
Comments Date:	06301988
Comments:	PRELIM ASSESS DONE SI LOW: IDENTIFY LEVELS OF SOIL CONTMN
Comments Date:	06301995
Comments:	Remediation of 3,600 tons of metals contaminated soil was
Comments Date:	06301995
Comments:	excavated, treated, and backfilled on-site under regulatory
Comments Date:	06301995
Comments:	oversight of Los Angeles Regional Water Quality Control
Comments Date:	06301995
Comments:	Board (LARWQCB). Due to increased volume of treated soil,
Comments Date:	06301995
Comments:	additional soil was excavated to provide backfill space.
Comments Date:	06301995
Comments:	This additional excavated soil was spread on the undeveloped
Comments Date:	06301995

J&S CHROME PLATING (Continued) **1000106932**

Comments:	North Parcel Area. A letter of no further action was issued
Comments Date:	06301995
Comments:	by LARWQCB regarding soil cleanup.
Comments Date:	06301995
Comments:	Not reported
Comments Date:	07221981
Comments:	LACE: NOV & ORDER; SITE EXCAVATED 3 FT.
Comments Date:	07221981
Comments:	SOIL TEST - CR 620,1560; CD 280,110; PB
Comments Date:	07221981
Comments:	640,510 MG/KG.
Comments Date:	08081988
Comments:	SUBMIT TO EPA NFA FOR EPA: SITE DOES NOT APPEAR TO BE
Comments Date:	08081988
Comments:	AN NPL CANDIDATE.
Comments Date:	09091987
Comments:	LA CO SANITATION DIST.: INSPECTION HIST
Comments Date:	09202001
Comments:	Soil investigation of the North Parcel for metals and volatile
Comments Date:	09202001
Comments:	organics.
Comments Date:	10041989
Comments:	SITE SCREENING DONE EPA REVIEWED DHS' PRELIMINARY ASSESSMENT
Comments Date:	10041989
Comments:	AND CHANGED REOMMENDATION TO SCREENING
Comments Date:	10041989
Comments:	SITE INSPECTION (MEDIUM).
Comments Date:	10301981
Comments:	Q RETURNED EPA CAD NUMBER ONLY
Comments Date:	11031980
Comments:	FACILITY IDENTIFIED FAC ID LACE
Comments Date:	11031980
Comments:	LACE METAL PLATING CAUSTICS DUMPED 62
Comments Date:	11081980
Comments:	RWQCB NO RECORD
Comments Date:	11082000
Comments:	I & SE Determination issued.
Comments Date:	12011998
Comments:	J&S Chrome submitted an application to Cal/EPA Site Designation
Comments Date:	12011998
Comments:	Committee under AB2061 requesting that DTSC be designated as
Comments Date:	12011998
Comments:	administering agency for site investigation and cleanup.
Comments Date:	12011998
Comments:	This application was approved on 02/24/99.
Comments Date:	12011998
Comments:	Not reported
Comments Date:	12171999
Comments:	DTSC provided comments on a draft Removal Action Workplan to
Comments Date:	12171999
Comments:	pave all exposed areas on the property.
Comments Date:	12182002
Comments:	An Imminent and Substantial Endangerment and Remedial Action
Comments Date:	12182002
Comments:	Order was issued to J & S Chrome Plating Inc.
ID Name:	EPA IDENTIFICATION NUMBER
ID Value:	CAD008359002

J&S CHROME PLATING (Continued) **1000106932**

ID Name: CALSTARS CODE
ID Value: 300255
Alternate Name: J & S CHROME PLATING
Alternate Name: Not reported
Special Programs Code: CERC2
Special Programs Name: CERCLA II

SWEEPS UST:
Name: J & S CHROME PLATING CO INC
Address: 6863 E FLORENCE PL
City: BELL GARDENS
Status: Active
Comp Number: 1529
Number: 9
Board Of Equalization: 44-007567
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-001529-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 4

Name: J & S CHROME PLATING CO INC
Address: 6863 E FLORENCE PL
City: BELL GARDENS
Status: Active
Comp Number: 1529
Number: 9
Board Of Equalization: 44-007567
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-001529-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: J & S CHROME PLATING CO INC
Address: 6863 E FLORENCE PL
City: BELL GARDENS
Status: Active
Comp Number: 1529
Number: 9
Board Of Equalization: 44-007567
Referral Date: 06-30-89
Action Date: Not reported

J&S CHROME PLATING (Continued) **1000106932**

Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-001529-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: J & S CHROME PLATING CO INC
Address: 6863 E FLORENCE PL
City: BELL GARDENS
Status: Active
Comp Number: 1529
Number: 9
Board Of Equalization: 44-007567
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-001529-000004
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: JANDS CHROME PLATING CO INC
Address: 6863 E FLORENCE PL
City,State,Zip: BELL GARDENS, CA 90201
File Number: 00027095
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027095.pdf
Region: STATE
Facility ID: 00000050572
Facility Type: Other
Other Type: ELECTRO PLATING
Contact Name: JAMES JOSEPH MANCUSO
Telephone: 2139271365
Owner Name: J&S CHROME PLATING CO., INC.
Owner Address: 6863 E. FLORENCE PLACE
Owner City,St,Zip: BELL GARDENS, CA 902013239
Total Tanks: 0004

Tank Num: 001
Container Num: #5
Year Installed: 1956
Tank Capacity: 00000525
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual

J&S CHROME PLATING (Continued) **1000106932**

Tank Num: 002
Container Num: #6
Year Installed: 1956
Tank Capacity: 00000525
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual

Tank Num: 003
Container Num: #7
Year Installed: 1982
Tank Capacity: 00000440
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 3/16
Leak Detection: Visual

Tank Num: 004
Container Num: #1
Year Installed: 1956
Tank Capacity: 00000224
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 4
Leak Detection: Visual

Click here for Geo Tracker PDF:

LOS ANGELES CO. HMS:
Name: J&S PLATING CO
Address: 6863 FLORENCE PL
City,State,Zip: BELL GARDENS, CA 902013239
Region: LA
Permit Category: I
Facility Id: 001456-I01529
Facility Type: 01
Facility Status: Removed
Area: 3Y
Permit Number: 000004349
Permit Status: Removed

Name: J&S PLATING CO
Address: 6863 FLORENCE PL
City,State,Zip: BELL GARDENS, CA 902013239
Region: LA
Permit Category: I
Facility Id: 001456-I01529
Facility Type: 01
Facility Status: Removed
Area: 3Y
Permit Number: 00004349J
Permit Status: Removed

Name: J&S CHROME PLATING CO INC
Address: 6863 FLORENCE PL
City,State,Zip: BELL GARDENS, CA 902013239

J&S CHROME PLATING (Continued) **1000106932**

Region: LA
Permit Category: T
Facility Id: 001456-001529
Facility Type: 0
Facility Status: Removed
Area: 3Y
Permit Number: 00005682T
Permit Status: Removed

Name: J&S CHROME PLATING CO INC
Address: 6863 FLORENCE PL
City,State,Zip: BELL GARDENS, CA 902013239
Region: LA
Permit Category: T
Facility Id: 001456-001529
Facility Type: 0
Facility Status: Removed
Area: 3Y
Permit Number: 0000T5682
Permit Status: Removed

H52 **J AND S CHROME PLATING CO INC** **RCRA-SQG** **1000904813**
West **6863 E FLORENCE PL** **FINDS** **CAD008359002**
1/8-1/4 **BELL GARDENS, CA 90201** **ECHO**
0.242 mi.
1278 ft. **Site 6 of 6 in cluster H**

Relative: **Lower**
Actual: **130 ft.**

RCRA Listings:

Date Form Received by Agency:		19940927
Handler Name:	J AND S CHROME PLATING CO INC	
Handler Address:		6863 E FLORENCE PL
Handler City,State,Zip:		BELL GARDENS, CA 90201-3239
EPA ID:		CAD008359002
Contact Name:		JAMES J MANCUSO
Contact Address:		6863 E FLORENCE PL
Contact City,State,Zip:		BELL GARDENS, CA 90201-3239
Contact Telephone:		310-927-1365
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		E FLORENCE PL
Mailing City,State,Zip:		BELL GARDENS, CA 90201-3239
Owner Name:	JAMES J MANCUSO	
Owner Type:		Private
Operator Name:	Not reported	
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No

J AND S CHROME PLATING CO INC (Continued) **1000904813**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: JAMES J MANCUSO

J AND S CHROME PLATING CO INC (Continued) **1000904813**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10327 LINDESMITH AVE
Owner/Operator City,State,Zip:	WHITTIER, CA 90603
Owner/Operator Telephone:	310-947-6567
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19940927
Handler Name:	J AND S CHROME PLATING CO INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID: 110002633213

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor 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.
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,

J AND S CHROME PLATING CO INC (Continued) **1000904813**

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:	1000904813
Registry ID:	110002633213
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002633213
Name:	J AND S CHROME PLATING CO INC
Address:	6863 E FLORENCE PL
City,State,Zip:	BELL GARDENS, CA 90201

I53 **MID CITIES PAPER BOX CO** **UST** **U003776892**
WNW **6801 SUVA ST** **N/A**
1/8-1/4 **BELL, CA 90201**
0.245 mi.
1295 ft. **Site 3 of 6 in cluster I**

Relative: **Lower**
Actual: **132 ft.**

UST:

Name:	MID CITIES PAPER BOX CO
Address:	6801 SUVA ST
City,State,Zip:	BELL, CA 90201
Facility ID:	11735
Permitting Agency:	LOS ANGELES COUNTY
CERSID:	Not reported
Latitude:	33.9691464
Longitude:	-118.1391274

I54 **HENRY CHUNG** **RCRA NonGen / NLR** **1026805760**
WNW **6801 SUVA ST** **CAC003117945**
1/8-1/4 **BELL GARDENS, CA 90201**
0.245 mi.
1295 ft. **Site 4 of 6 in cluster I**

Relative: **Lower**
Actual: **132 ft.**

RCRA Listings:

Date Form Received by Agency:		20210504
Handler Name:	HENRY CHUNG	
Handler Address:		6801 SUVA ST
Handler City,State,Zip:		BELL GARDENS, CA 90201-1937
EPA ID:		CAC003117945
Contact Name:		AMI ADINI
Contact Address:		1837 N BERENDO ST
Contact City,State,Zip:		LOS ANGELES, CA 90027-4153
Contact Telephone:		323-899-5001
Contact Fax:		Not reported
Contact Email:		AMIA@AMIADINI.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported

HENRY CHUNG (Continued) **1026805760**

Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		12167 AVON CT
Mailing City,State,Zip:		RANCHO CUCAMONGA, CA 91739-2548
Owner Name:	HENRY CHUNG	
Owner Type:		Other
Operator Name:	AMI ADINI	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20210514

HENRY CHUNG (Continued) **1026805760**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: HENRY CHUNG	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12167 AVON CT
Owner/Operator City,State,Zip:	RANCHO CUCAMONGA, CA 91739-2548
Owner/Operator Telephone:	909-292-5895
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: AMI ADINI	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1837 N BERENDO ST
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90027-4153
Owner/Operator Telephone:	323-899-5001
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210504
Handler Name: HENRY CHUNG	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

HENRY CHUNG (Continued) **1026805760**

Evaluation Action Summary:
Evaluations: No Evaluations Found

I55 **1X MID-CITIES PAPER BOX CO** **ENVIROSTOR** **S112999458**
WNW **6801 SUVA ST** **VCP** **N/A**
1/8-1/4 **BELL GARDENS, CA 90201** **DEED**
0.245 mi. **HAZNET**
1295 ft. **Site 5 of 6 in cluster I** **HWTS**

Relative:
Lower

Actual:
132 ft.

ENVIROSTOR:

Name:	6801 SUVA STREET AND 6814 FOSTER BRIDGE BLVD. PROPERTIES
Address:	6801 SUVA STREET AND 6814 FOSTER BRIDGE BLVD.
City,State,Zip:	BELL GARDENS, CA 90201
Facility ID:	60001333
Status:	Active
Status Date:	05/02/2014
Site Code:	301953
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Agreement
Acres:	2.27
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Rania Zabaneh
Supervisor:	Maryam Tasnif-Abbasi
Division Branch:	Cleanup Cypress
Assembly:	58
Senate:	33
Special Program:	Voluntary Agreement - Standard Voluntary Agreement
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	33.96781
Longitude:	-118.1404
APN:	6358-015-020, 6358-015-069, 6358-015-070, 6358015019, 6358015020
Past Use:	AGRICULTURAL - ROW CROPS, FUEL - VEHICLE STORAGE/ REFUELING, MACHINE SHOP, UNDERGROUND STORAGE TANKS, VEHICLE MAINTENANCE, WASTE - INDUSTRIAL WASTE LINE
Potential COC:	Tetrachloroethylene (PCE Trichloroethylene (TCE Trichloroethylene (TCE
Confirmed COC:	Trichloroethylene (TCE Tetrachloroethylene (PCE Trichloroethylene (TCE
Potential Description:	SOIL, SV, IA, OTH, SOIL, SV
Alias Name:	6358-015-020
Alias Type:	APN
Alias Name:	6358-015-069
Alias Type:	APN
Alias Name:	6358-015-070
Alias Type:	APN
Alias Name:	6358015019
Alias Type:	APN
Alias Name:	6358015020
Alias Type:	APN
Alias Name:	301494
Alias Type:	Site Code - Historical
Alias Name:	301494

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Alias Type: Project Code (Site Code)
Alias Name: 301832
Alias Type: Project Code (Site Code)
Alias Name: 301837
Alias Type: Project Code (Site Code)
Alias Name: 301846
Alias Type: Project Code (Site Code)
Alias Name: 301953
Alias Type: Project Code (Site Code)
Alias Name: 60001333
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/07/2014
Comments: New consultant, CDR Group, is preparing Workplan. Meeting with DTSC on Dec 8, 2014.

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/26/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 07/15/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 02/18/2015
Comments: DTSC approved Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/08/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 08/10/2011
Comments: Project placed on inactive status - further investigation required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/19/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Completed Document Type: Site Characterization Workplan
Completed Date: 01/20/2016
Comments: DTSC approved the Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 04/11/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/16/2016
Comments: Fieldwork completed. No final document necessary. The SSI Report is uploaded under that activity. I will upload the final SSI Report once it is finalized.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/23/2015
Comments: Soil & Soil Gas workplan implemented.

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/29/2020
Comments: Not reported

Completed Area Name: Foster Bridge Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: Not reported

Completed Area Name: Foster Bridge Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/01/2020
Comments: DTSC Engineer, Steven Hariri, conducted the annual LUC inspection for 2020 for the Foster Bridge site. Report with photos is attached.

Completed Area Name: Foster Bridge Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/29/2020
Comments: Cost Estimation Letter and REW emailed to owner, Nathan Lewis.

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/29/2020
Comments: CE letter & REW emailed to Henry Chung, current owner.

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: Not reported

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/14/2021
Comments: Not reported

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/15/2021
Comments: Not reported

Completed Area Name: Foster Bridge Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/15/2021
Comments: Not reported

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/06/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 03/14/2011
Comments: DTSC commented on Phase I and further action is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/21/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 08/06/2015
Comments: DTSC mailed the approval letter to the RP today. Emailed pdf to Dinesh and owner, Don Duffy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/23/2015
Comments: DTSC conducted oversight of indoor air sampling event today performed by consultant's RP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Completed Date:	06/11/2015
Comments:	DTSC approved workplan. Workplan will be implemented on 6/16/15 (bldg survey) and 6/18/15 (sampling).
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	03/03/2016
Comments:	2nd Indoor Air Sampling Workplan Implementation conducted on 3/2/2016. DTSC toxicologist, CY Jeng, conducted oversight of the fieldwork. An email from his site visit is uploaded here.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Ability To Pay
Completed Date:	02/08/2018
Comments:	RP paid off balance.
Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	No Further Action Letter
Completed Date:	04/28/2021
Comments:	Not reported
Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	06/25/2018
Comments:	Per RP's request, DTSC prepared a letter to clarify the LUC requirements.
Completed Area Name:	Foster Bridge Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/14/2018
Comments:	DTSC sent annual cost estimate to RP on 9/14/2018.
Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/26/2019
Comments:	CE Letter & REW emailed to RP on 9/30/2019.
Completed Area Name:	Foster Bridge Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	08/29/2018
Comments:	Report submitted by RP on 8/24/2018 and DTSC issued approval email on 8/29/2018.
Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	02/19/2020
Comments:	DTSC accepts the 2019 annual LUC inspection report and will visit the site to inspect the cracks during the next gw monitoring event in June 2020.

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	09/17/2018
Comments:	RP submitted signed 2018 annual LUC inspection report on September 2018 and DTSC approved it via email on September 17, 2018.

Completed Area Name:	Foster Bridge Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/26/2019
Comments:	CE Letter & REW emailed to RP on 9/30/2019.

Completed Area Name:	Foster Bridge Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	07/16/2019
Comments:	DTSC received self cert annual LUC report for 2019 from RP. DTSC reviewed and approved it.

Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	05/22/2019
Comments:	DTSC evaluated the groundwater situation and based on the results of the first 4 groundwater monitoring events, DTSC decided that further gw monitoring should be conducted and it was relayed to the RP. DTSC requested 4 more events semiannually over the next 2 years to conduct a meaningful trending analysis on groundwater data distribution.

Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	12/09/2019
Comments:	RP submitted an adequate explanation of the causes of the gw elevation fluctuation at the Site. Report is therefore acceptable.

Completed Area Name:	Foster Bridge Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	08/30/2021
Comments:	Not reported

Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	09/13/2018
Comments:	RP responded adequately to DTSC’s comments on September 13, 2018 and DTSC issued an approval email regarding the 2nQ2018 GW Monitoring Report revised on July 19, 2018.

Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	07/20/2020
Comments:	Not reported

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Completed Area Name: Foster Bridge Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/05/2018
Comments: Certification with LUC letter was sent to current owner Mr. Robin Chretien.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/28/2014
Comments: Letter sent to RP with cost estimate for FY 14/15 as part of resuming project after 3 years hold due to economic difficulty.

Completed Area Name: Foster Bridge Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 10/28/2016
Comments: County of LA re-recorded the LUC for this parcel and DTSC received it today.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/20/2015
Comments: DTSC mailed annual cost estimation letter to RP on 8/19/2015 and emailed it to RP on 8/20/2015.

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 10/12/2018
Comments: VCA executed with new owner, Henry Chung, who bought the property on July 2, 2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/05/2015
Comments: Not reported

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 10/28/2016
Comments: County of Los Angeles re-recorded the LUC for this Suva Parcel and DTSC received it today.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/02/2016
Comments: Not reported

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Not reported
Completed Document Type: Other Report

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Completed Date:	01/04/2018
Comments:	Robins Jean increased the parcel size of Foster Bridge Parcel to include parking space. The recorded documents showing the change are uploaded here.
Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	02/19/2020
Comments:	DTSC accepts report due to the low concentrations detected at MW-2 and MW-3 and because the RP will conduct 2 more semi-annual groundwater sampling events as agreed, DTSC has no comments on this report.
Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	07/30/2019
Comments:	DTSC issued GSB comments and approval of the report. Next event takes place in Dec 2019.
Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	01/30/2019
Comments:	Not reported
Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	12/03/2018
Comments:	DTSC issued approval of Report in an email dated today.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Letter - Demand
Completed Date:	05/14/2012
Comments:	A final request for payment of overdue invoices was sent by certified mail.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Letter - Demand
Completed Date:	04/13/2012
Comments:	2nd Request for payment sent by certified mail.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Letter - Demand
Completed Date:	03/14/2012
Comments:	1st Reminder sent for unpaid past due invoices.
Future Area Name:	Foster Bridge Parcel
Future Sub Area Name:	Not reported
Future Document Type:	5 Year Review Reports
Future Due Date:	2024
Future Area Name:	Suva Street Parcel

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Future Sub Area Name:	Not reported
Future Document Type:	5 Year Review Reports
Future Due Date:	2024
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:

Name:	6801 SUVA STREET AND 6814 FOSTER BRIDGE BLVD. PROPERTIES
Address:	6801 SUVA STREET AND 6814 FOSTER BRIDGE BLVD.
City,State,Zip:	BELL GARDENS, CA 90201
Facility ID:	60001333
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Agreement
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	2.27
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Rania Zabaneh
Supervisor:	Maryam Tasnif-Abbasi
Division Branch:	Cleanup Cypress
Site Code:	301953
Assembly:	58
Senate:	33
Special Programs Code:	Voluntary Agreement - Standard Voluntary Agreement
Status:	Active
Status Date:	05/02/2014
Restricted Use:	YES
Funding:	Responsible Party
Lat/Long:	33.96781 / -118.1404
APN:	6358-015-020, 6358-015-069, 6358-015-070, 6358015019, 6358015020
Past Use:	AGRICULTURAL - ROW CROPS, FUEL - VEHICLE STORAGE/ REFUELING, MACHINE SHOP, UNDERGROUND STORAGE TANKS, VEHICLE MAINTENANCE, WASTE - INDUSTRIAL WASTE LINE
Potential COC:	30022, 30027, 30027
Confirmed COC:	30027,, ,30022,30027
Potential Description:	SOIL, SV, IA, OTH, SOIL, SV
Alias Name:	6358-015-020
Alias Type:	APN
Alias Name:	6358-015-069
Alias Type:	APN
Alias Name:	6358-015-070
Alias Type:	APN
Alias Name:	6358015019
Alias Type:	APN
Alias Name:	6358015020
Alias Type:	APN
Alias Name:	301494
Alias Type:	Site Code - Historical
Alias Name:	301494
Alias Type:	Project Code (Site Code)
Alias Name:	301832
Alias Type:	Project Code (Site Code)

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Alias Name: 301837
Alias Type: Project Code (Site Code)
Alias Name: 301846
Alias Type: Project Code (Site Code)
Alias Name: 301953
Alias Type: Project Code (Site Code)
Alias Name: 60001333
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/07/2014
Comments: New consultant, CDR Group, is preparing Workplan. Meeting with DTSC on Dec 8, 2014.

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/26/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 07/15/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 02/18/2015
Comments: DTSC approved Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/08/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 08/10/2011
Comments: Project placed on inactive status - further investigation required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/19/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 01/20/2016
Comments: DTSC approved the Workplan.

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	04/11/2016
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	05/16/2016
Comments:	Fieldwork completed. No final document necessary. The SSI Report is uploaded under that activity. I will upload the final SSI Report once it is finalized.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	03/23/2015
Comments:	Soil & Soil Gas workplan implemented.

Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	07/29/2020
Comments:	Not reported

Completed Area Name:	Foster Bridge Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Project Management
Completed Date:	06/30/2021
Comments:	Not reported

Completed Area Name:	Foster Bridge Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	07/01/2020
Comments:	DTSC Engineer, Steven Hariri, conducted the annual LUC inspection for 2020 for the Foster Bridge site. Report with photos is attached.

Completed Area Name:	Foster Bridge Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/29/2020
Comments:	Cost Estimation Letter and REW emailed to owner, Nathan Lewis.

Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/29/2020
Comments:	CE letter & REW emailed to Henry Chung, current owner.

Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Project Management
Completed Date:	06/30/2021
Comments:	Not reported

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	06/14/2021
Comments:	Not reported

Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/15/2021
Comments:	Not reported

Completed Area Name:	Foster Bridge Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/15/2021
Comments:	Not reported

Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	07/06/2021
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	03/14/2011
Comments:	DTSC commented on Phase I and further action is required.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Notice
Completed Date:	07/21/2016
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	08/06/2015
Comments:	DTSC mailed the approval letter to the RP today. Emailed pdf to Dinesh and owner, Don Duffy.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	06/23/2015
Comments:	DTSC conducted oversight of indoor air sampling event today performed by consultant's RP.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	06/11/2015
Comments:	DTSC approved workplan. Workplan will be implemented on 6/16/15 (bldg survey) and 6/18/15 (sampling).

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	03/03/2016
Comments:	2nd Indoor Air Sampling Workplan Implementation conducted on 3/2/2016. DTSC toxicologist, CY Jeng, conducted oversight of the fieldwork. An email from his site visit is uploaded here.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Ability To Pay
Completed Date:	02/08/2018
Comments:	RP paid off balance.

Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	No Further Action Letter
Completed Date:	04/28/2021
Comments:	Not reported

Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	06/25/2018
Comments:	Per RP's request, DTSC prepared a letter to clarify the LUC requirements.

Completed Area Name:	Foster Bridge Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/14/2018
Comments:	DTSC sent annual cost estimate to RP on 9/14/2018.

Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/26/2019
Comments:	CE Letter & REW emailed to RP on 9/30/2019.

Completed Area Name:	Foster Bridge Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	08/29/2018
Comments:	Report submitted by RP on 8/24/2018 and DTSC issued approval email on 8/29/2018.

Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	02/19/2020
Comments:	DTSC accepts the 2019 annual LUC inspection report and will visit the site to inspect the cracks during the next gw monitoring event in June 2020.

Completed Area Name:	Suva Street Parcel
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Completed Date: 09/17/2018
Comments: RP submitted signed 2018 annual LUC inspection report on September 2018 and DTSC approved it via email on September 17, 2018.

Completed Area Name: Foster Bridge Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2019
Comments: CE Letter & REW emailed to RP on 9/30/2019.

Completed Area Name: Foster Bridge Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/16/2019
Comments: DTSC received self cert annual LUC report for 2019 from RP. DTSC reviewed and approved it.

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/22/2019
Comments: DTSC evaluated the groundwater situation and based on the results of the first 4 groundwater monitoring events, DTSC decided that further gw monitoring should be conducted and it was relayed to the RP. DTSC requested 4 more events semiannually over the next 2 years to conduct a meaningful trending analysis on groundwater data distribution.

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/09/2019
Comments: RP submitted an adequate explanation of the causes of the gw elevation fluctuation at the Site. Report is therefore acceptable.

Completed Area Name: Foster Bridge Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 08/30/2021
Comments: Not reported

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/13/2018
Comments: RP responded adequately to DTSC’s comments on September 13, 2018 and DTSC issued an approval email regarding the 2nQ2018 GW Monitoring Report revised on July 19, 2018.

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/20/2020
Comments: Not reported

Completed Area Name: Foster Bridge Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Certification

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Completed Date: 06/05/2018
Comments: Certification with LUC letter was sent to current owner Mr. Robin Chretien.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/28/2014
Comments: Letter sent to RP with cost estimate for FY 14/15 as part of resuming project after 3 years hold due to economic difficulty.

Completed Area Name: Foster Bridge Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 10/28/2016
Comments: County of LA re-recorded the LUC for this parcel and DTSC received it today.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/20/2015
Comments: DTSC mailed annual cost estimation letter to RP on 8/19/2015 and emailed it to RP on 8/20/2015.

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 10/12/2018
Comments: VCA executed with new owner, Henry Chung, who bought the property on July 2, 2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/05/2015
Comments: Not reported

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 10/28/2016
Comments: County of Los Angeles re-recorded the LUC for this Suva Parcel and DTSC received it today.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/02/2016
Comments: Not reported

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/04/2018
Comments: Robins Jean increased the parcel size of Foster Bridge Parcel to include parking space. The recorded documents showing the change are

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

uploaded here.

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/19/2020
Comments: DTSC accepts report due to the low concentrations detected at MW-2 and MW-3 and because the RP will conduct 2 more semi-annual groundwater sampling events as agreed, DTSC has no comments on this report.

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/30/2019
Comments: DTSC issued GSB comments and approval of the report. Next event takes place in Dec 2019.

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/30/2019
Comments: Not reported

Completed Area Name: Suva Street Parcel
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/03/2018
Comments: DTSC issued approval of Report in an email dated today.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 05/14/2012
Comments: A final request for payment of overdue invoices was sent by certified mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 04/13/2012
Comments: 2nd Request for payment sent by certified mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 03/14/2012
Comments: 1st Reminder sent for unpaid past due invoices.

Future Area Name: Foster Bridge Parcel
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2024
Future Area Name: Suva Street Parcel
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2024

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

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

DEED:
Name: 6801 SUVA STREET AND 6814 FOSTER BRIDGE BLVD. PROPERTIES
Address: 6801 SUVA STREET AND 6814 FOSTER BRIDGE BLVD.
City,State,Zip: BELL GARDENS, CA 90201
Envirostor ID: 60001333
Area: FOSTER BRIDGE PARCEL
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

Name: 6801 SUVA STREET AND 6814 FOSTER BRIDGE BLVD. PROPERTIES
Address: 6801 SUVA STREET AND 6814 FOSTER BRIDGE BLVD.
City,State,Zip: BELL GARDENS, CA 90201
Envirostor ID: 60001333
Area: SUVA STREET PARCEL
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

HAZNET:
Name: 1X MID-CITIES PAPER BOX CO
Address: 6801 SUVA ST
Address 2: Not reported
City,State,Zip: BELL GARDENS, CA 902010000
Contact: ED TELLES/DIR OF OPERATIONS
Telephone: 5629271431
Mailing Name: Not reported
Mailing Address: 6801 SUVA ST

Year: 2000
Gepaid: CAD008390692
TSD EPA ID: CAD028409019
CA Waste Code: 141 - Off-specification, aged or surplus inorganics
Disposal Method: H01 - Transfer Station
Tons: 0.05

Year: 2000
Gepaid: CAD008390692
TSD EPA ID: CAT080033681
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: R01 - Recycler
Tons: 0.462

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Year:	2000
Gepaid:	CAD008390692
TSD EPA ID:	CAT080033681
CA Waste Code:	352 - Other organic solids
Disposal Method:	R01 - Recycler
Tons:	0.385

Year:	2000
Gepaid:	CAD008390692
TSD EPA ID:	CAT080033681
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	R01 - Recycler
Tons:	0.0208

Year:	2000
Gepaid:	CAD008390692
TSD EPA ID:	CAT080013352
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	R01 - Recycler
Tons:	4.5869

Year:	2000
Gepaid:	CAD008390692
TSD EPA ID:	CAT080013352
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	-
Tons:	0.5445

Year:	2000
Gepaid:	CAD008390692
TSD EPA ID:	CAT080013352
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	R01 - Recycler
Tons:	0.5445

Year:	2000
Gepaid:	CAD008390692
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	1.463

Year:	2000
Gepaid:	CAD008390692
TSD EPA ID:	CAT080013352
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	R01 - Recycler
Tons:	0.187

Year:	2000
Gepaid:	CAD008390692
TSD EPA ID:	ILR000038067
CA Waste Code:	352 - Other organic solids
Disposal Method:	-
Tons:	0.35

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Click this hyperlink while viewing on your computer to access
14 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2000
Gen EPA ID:	CAD008390692
Shipment Date:	20001018
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001020
Manifest ID:	20503994
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001018
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001020
Manifest ID:	20503994
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001018

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001020
Manifest ID:	20503994
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001010
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001020
Manifest ID:	20503776
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.5445
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001010
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001016
Manifest ID:	20503778
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001010
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001016
Manifest ID:	20503777
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001010
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001016
Manifest ID:	20503777
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001010
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001016
Manifest ID:	20503777
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001010
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001016
Manifest ID:	20503777
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.462
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001010
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001020
Manifest ID:	20503776

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.5445
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD008390692
Shipment Date:	19990518
Creation Date:	6/18/1999 0:00:00
Receipt Date:	19990518
Manifest ID:	98752073
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982484933
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.5
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	1X MID-CITIES PAPER BOX CO
Address:	6801 SUVA ST
Address 2:	Not reported
City,State,Zip:	BELL GARDENS, CA 90201
EPA ID:	CAD008390692
Inactive Date:	06/30/2001
Create Date:	11/15/1985

1X MID-CITIES PAPER BOX CO (Continued) **S112999458**

Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	6801 SUVA ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BELL GARDENS, CA 902010000
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Contact Name:	ED TELLES/DIR OF OPERATIONS
Contact Address:	INACTIVE PER VQ01 - BMI
Contact Address 2:	Not reported
City,State,Zip:	BELL GARDENS, CA 902010000
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	33.967217
Longitude:	-118.14041

I56 **HENRY CHUNG** **SWEEPS UST** **U001562596**
WNW **6801 SUVA ST** **HIST UST** **N/A**
1/8-1/4 **BELL GARDENS, CA 90201** **EMI**
0.245 mi. **HAZNET**
1295 ft. **Site 6 of 6 in cluster I** **LA Co. Site Mitigation**
HWTS

Relative:
Lower

Actual:
132 ft.

SWEEPS UST:

Name:	MID CITIES PAPER BOX CO
Address:	6801 SUVA ST
City:	BELL GARDENS
Status:	Active
Comp Number:	11735
Number:	9
Board Of Equalization:	44-009463
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-011735-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	1

HIST UST:

Name:	MID-CITIES PAPER BOX CO INC
Address:	6801 SUVA ST
City,State,Zip:	BELL GARDENS, CA 90201
File Number:	00027C09
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027C09.pdf
Region:	STATE
Facility ID:	00000050514
Facility Type:	Other
Other Type:	FOLDING BOX CO.

HENRY CHUNG (Continued) **U001562596**

Contact Name:	KEN SONE
Telephone:	2137730233
Owner Name:	MID-CITIES PAPER BOX CO. INC.
Owner Address:	6801 SUVA ST.
Owner City,St,Zip:	BELL GARDENS, CA 90201
Total Tanks:	0002
Tank Num:	001
Container Num:	#1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Click here for Geo Tracker PDF:

EMI:

Name:	MID CITIES PAPER BOX CO INC
Address:	6801 SUVA ST
City,State,Zip:	BELL GARDENS, CA
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	23444
Air District Name:	SC
SIC Code:	2653
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:	30
Reactive Organic Gases Tons/Yr:	15
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0
Name:	MID CITIES PAPER BOX CO INC
Address:	6801 SUVA ST
City,State,Zip:	BELL GARDENS, CA
Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	23444
Air District Name:	SC
SIC Code:	2653

HENRY CHUNG (Continued) **U001562596**

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:	41
Reactive Organic Gases Tons/Yr:	33
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

Name:	MID CITIES PAPER BOX CO INC
Address:	6801 SUVA ST
City,State,Zip:	BELL GARDENS, CA
Year:	1996
County Code:	19
Air Basin:	SC
Facility ID:	23444
Air District Name:	SC
SIC Code:	2653
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8
Reactive Organic Gases Tons/Yr:	6
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

Name:	MID CITIES PAPER BOX CO INC
Address:	6801 SUVA ST
City,State,Zip:	BELL GARDENS, CA
Year:	2002
County Code:	19
Air Basin:	SC
Facility ID:	23444
Air District Name:	SC
SIC Code:	2657
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:	12
Reactive Organic Gases Tons/Yr:	12
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

Name:	MID CITIES PAPER BOX CO INC
Address:	6801 SUVA ST
City,State,Zip:	BELL GARDENS, CA
Year:	2003
County Code:	19
Air Basin:	SC

HENRY CHUNG (Continued) **U001562596**

Facility ID: 23444
Air District Name: SC
SIC Code: 2657
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: 12
Reactive Organic Gases Tons/Yr: 12
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

Name: MID CITIES PAPER BOX CO INC
Address: 6801 SUVA ST
City,State,Zip: BELL GARDENS, CA
Year: 2004
County Code: 19
Air Basin: SC
Facility ID: 23444
Air District Name: SC
SIC Code: 2657
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: 11.8505652
Reactive Organic Gases Tons/Yr: 11.71
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

HAZNET:
Name: HENRY CHUNG
Address: 6801 SUVA ST
Address 2: Not reported
City,State,Zip: BELL GARDENS, CA 902011937
Contact: AMI ADINI
Telephone: 3238995001
Mailing Name: Not reported
Mailing Address: 12167 AVON CT

Year: 2021
Gepaid: CAC003117945
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.462

LA Co. Site Mitigation:
Name: FORMER MID CITIES PAPER BOX COMPANY

HENRY CHUNG (Continued) **U001562596**

Address: 6801 SUVA ST
City,State,Zip: BELL GARDENS, CA 90201
Facility ID: Not reported
Status: Not reported
Site ID: SD0000239
Jurisdiction: State
Case ID: RO0000243
Abated: Yes
Assigned To: Shahin Nourishad
Entered Date: 10/31/2007
Abated Date: 06/10/2009

HWTS:
Name: HENRY CHUNG
Address: 6801 SUVA ST
Address 2: Not reported
City,State,Zip: BELL GARDENS, CA 90201
EPA ID: CAC003117945
Inactive Date: 08/03/2021
Create Date: 05/04/2021
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 12167 AVON CT
Mailing Address 2: Not reported
Mailing City,State,Zip: RANCHO CUCAMONGA, CA 917392548
Owner Name: HENRY CHUNG
Owner Address: 12167 AVON CT
Owner Address 2: Not reported
Owner City,State,Zip: RANCHO CUCAMONGA, CA 917392548
Contact Name: AMI ADINI
Contact Address: 1837 N BERENDO ST
Contact Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900274153
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 33.96778101
Longitude: -118.14065401

NAICS:
EPA ID: CAC003117945
Create Date: 2021-05-04 09:56:31.220
NAICS Code: 999999
NAICS Description: Not Otherwise Specified
Issued EPA ID Date: 2021-05-04 09:56:31.24000
Inactive Date: Not reported
Facility Name: HENRY CHUNG
Facility Address: 6801 SUVA ST
Facility Address 2: Not reported
Facility City: BELL GARDENS
Facility County: Not reported
Facility State: CA
Facility Zip: 902011937

57
NW
1/4-1/2
0.275 mi.
1452 ft.

SIPPLE PROPERTY
6750 FOSTER BRIDGE BOULEVARD
BELL GARDENS, CA 90201

ENVIROSTOR **S111842229**
N/A

Relative:
Lower

Actual:
134 ft.

ENVIROSTOR:

Name:	SIPPLE PROPERTY
Address:	6750 FOSTER BRIDGE BOULEVARD
City,State,Zip:	BELL GARDENS, CA 90201
Facility ID:	60001674
Status:	Refer: EPA
Status Date:	09/24/1999
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0
NPL:	NO
Regulatory Agencies:	US EPA
Lead Agency:	US EPA
Program Manager:	Joseph Cully
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	50
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	33.96883
Longitude:	-118.1403
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	No Contaminants found
Potential Description:	NONE SPECIFIED
Alias Name:	60001674
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:	09/24/1999
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

58
SSW
1/4-1/2
0.279 mi.
1473 ft.

WELL 08 (OLD WELL 05)
DOWNEY, CA

PFAS **S127520044**
N/A

Relative:
Lower

Actual:
130 ft.

PFAS:

Name:	WELL 08 (OLD WELL 05)
Address:	Not reported
City,State,Zip:	DOWNEY, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910034
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA1910034_010_010
Matrix:	Liquid
Chemical:	PFHA
Qualifier:	=
Value:	7.8
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/22/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	33.96152
Longitude:	-118.137645
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034
Name:	WELL 08 (OLD WELL 05)
Address:	Not reported
City,State,Zip:	DOWNEY, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910034
Facility Region:	Not reported

WELL 08 (OLD WELL 05) (Continued) **S127520044**

Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: CA1910034_010_010
Matrix: Liquid
Chemical: PFHPA
Qualifier: =
Value: 4
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 6/22/2021
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 33.96152
Longitude: -118.137645
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034

Name: WELL 08 (OLD WELL 05)
Address: Not reported
City,State,Zip: DOWNEY, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0601910034
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: CA1910034_010_010
Matrix: Liquid
Chemical: ADONA
Qualifier: <

WELL 08 (OLD WELL 05) (Continued) **S127520044**

Value: 2
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 6/22/2021
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 33.96152
Longitude: -118.137645
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034

Name: WELL 08 (OLD WELL 05)
Address: Not reported
City,State,Zip: DOWNEY, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0601910034
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: CA1910034_010_010
Matrix: Liquid
Chemical: PFDOA
Qualifier: <
Value: 2
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 6/22/2021
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 33.96152
Longitude: -118.137645
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034

Name: WELL 08 (OLD WELL 05)
Address: Not reported

WELL 08 (OLD WELL 05) (Continued) **S127520044**

City,State,Zip:	DOWNEY, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910034
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA1910034_010_010
Matrix:	Liquid
Chemical:	PFBSA
Qualifier:	=
Value:	5.4
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	5.4
Units:	NG/L
Date:	6/22/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	33.96152
Longitude:	-118.137645
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034
Name:	WELL 08 (OLD WELL 05)
Address:	Not reported
City,State,Zip:	DOWNEY, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910034
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported

WELL 08 (OLD WELL 05) (Continued) **S127520044**

Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA1910034_010_010
Matrix:	Liquid
Chemical:	9ClPF3ONS
Qualifier:	<
Value:	2
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/22/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	33.96152
Longitude:	-118.137645
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034
Name:	WELL 08 (OLD WELL 05)
Address:	Not reported
City,State,Zip:	DOWNEY, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910034
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA1910034_010_010
Matrix:	Liquid
Chemical:	PFNDCA
Qualifier:	<
Value:	2
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/22/2021

WELL 08 (OLD WELL 05) (Continued) **S127520044**

Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	33.96152
Longitude:	-118.137645
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034

Name:	WELL 08 (OLD WELL 05)
Address:	Not reported
City,State,Zip:	DOWNEY, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910034
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA1910034_010_010
Matrix:	Liquid
Chemical:	11ClPF3OUDS
Qualifier:	<
Value:	2
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/22/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	33.96152
Longitude:	-118.137645
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034

Name:	WELL 08 (OLD WELL 05)
Address:	Not reported
City,State,Zip:	DOWNEY, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported

WELL 08 (OLD WELL 05) (Continued) **S127520044**

Global ID:	W0601910034
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA1910034_010_010
Matrix:	Liquid
Chemical:	PFUNDCA
Qualifier:	<
Value:	2
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/22/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	33.96152
Longitude:	-118.137645
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034
Name:	WELL 08 (OLD WELL 05)
Address:	Not reported
City,State,Zip:	DOWNEY, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910034
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA1910034_010_010
Matrix:	Liquid

WELL 08 (OLD WELL 05) (Continued) **S127520044**

Chemical:	NMEFOSAA
Qualifier:	<
Value:	2
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/22/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	33.96152
Longitude:	-118.137645
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034

Name:	WELL 08 (OLD WELL 05)
Address:	Not reported
City,State,Zip:	DOWNEY, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910034
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA1910034_010_010
Matrix:	Liquid
Chemical:	PFTRIDA
Qualifier:	<
Value:	2
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/22/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	33.96152
Longitude:	-118.137645
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910034

WELL 08 (OLD WELL 05) (Continued) **S127520044**

Click this hyperlink while viewing on your computer to access
62 additional CA PFAS: record(s) in the EDR Site Report.

L59 **CHROME CRANKSHAFT** **CPS-SLIC** **1006079596**
West **6845 FLORENCE** **N/A**
1/4-1/2 **BELL GARDENS, CA 90201**
0.280 mi.
1479 ft. **Site 1 of 3 in cluster L**

Relative: SLIC REG 4:
Lower
Actual: Region: 4
129 ft. Facility Status: Not reported
SLIC: 0416
Substance: Metal
Staff: Department of Toxic Substances Control

L60 **CHROME CRANKSHAFT, COMPANY** **HIST Cal-Sites** **S105689595**
West **6845 FLORENCE PL** **N/A**
1/4-1/2 **BELL GARDENS, CA 90201**
0.286 mi.
1512 ft. **Site 2 of 3 in cluster L**

Relative: Calsite:
Lower
Actual: Name: CHROME CRANKSHAFT, COMPANY
129 ft. Address: 6845 FLORENCE PL
City: BELL GARDENS
Region: GLENDALE
Facility ID: 19350473
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: SB
Branch Name: SO CAL - CYPRESS
File Name: CHROME CRANKSHAFT
State Senate District: 01251999
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 35
SIC Name: MANU - INDUSTRIAL MACHINERY & EQUIPMENT
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Staff Member Responsible for Site: DZOGAIB
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Region Water Control Board Name: Not reported
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 50
State Senate District Code: 30
Facility ID: 19350473

CHROME CRANKSHAFT, COMPANY (Continued) **S105689595**

Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	03312007
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19350473
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	12312008
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19350473
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	06302010
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported

CHROME CRANKSHAFT, COMPANY (Continued) **S105689595**

Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19350473
Activity:	DES
Activity Name:	DESIGN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	09302006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19350473
Activity:	CHP65
Activity Name:	AMENDED ORDER/AGREEMENT, CHAPTER 6.5 TRANSITION
AWP Code:	ORDER
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11251998
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported

CHROME CRANKSHAFT, COMPANY (Continued) **S105689595**

Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19350473
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	ORDER
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01251999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19350473
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12081998
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	X
Well Decommissioned:	Not reported
Action Included Fencing:	X
Removal Action Certification:	N
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19350473
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	Not reported

CHROME CRANKSHAFT, COMPANY (Continued) **S105689595**

Proposed Budget:	0
AWP Completion Date:	12312005
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19350473
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	06302006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19350473
Activity:	RAW
Activity Name:	REMOVAL ACTION WORKPLAN
AWP Code:	BLDG
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12052003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE

CHROME CRANKSHAFT, COMPANY (Continued) **S105689595**

Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19350473
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	NDEC
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12052003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19350473
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	ISE
Proposed Budget:	0
AWP Completion Date:	12312004
Revised Due Date:	Not reported
Comments Date:	02042005
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0

CHROME CRANKSHAFT, COMPANY (Continued) **S105689595**

For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19350473
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	10312004
Revised Due Date:	Not reported
Comments Date:	01162004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	X
Well Decommissioned:	Not reported
Action Included Fencing:	X
Removal Action Certification:	Not reported
Activity Comments:	THIS REMOVAL ACTION CONSISTED OF THE REMOVAL OF A BUILDING, GRADING,PAVING AND FENCING THE ENTIRE SITE.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	6845 EAST FLORENCE PLACE
Alternate City,St,Zip:	BELL GARDENS, CA 90201
Alternate Address:	6845 FLORENCE PL
Alternate City,St,Zip:	BELL GARDENS, CA 90201
Background Info:	Chrome Crankshaft has operated a chrome plating facility at the site since 1963. They chrome plate parts, such as crankshafts, for internal combustion and diesel engines. Chromium contamination was first detected in soils and groundwater during a site investigation conducted in 1989. Historically, eight chromium solution-containing plating tanks were used at the Facility. Plating waste was directed to an underground process tank located on the eastern side of the Facility. A 400-gallon transfer sump was located in the vacinity of the process tank. The transfer tank held plating waste. Soil and groundwater contamination resulted from releases from these tanks. A potential for complete exposure pathways exists through the ingestion, inhalation, and dermal contact exposure pathways. In 1997, at the request of USEPA, DTSC conducted a Site Prioritization (SP) which was approved by USEPA on 9/11/97. The SP revealed that the site was being overseen by the Regional Water Quality Control Board. Based on the SP, USEPA gave the site high priority status. Past site investigation activities conducted by the Facility with RWQCB's oversight included installation of five groundwater monitoring wells and limited soil investigation. On November 25, 1998, DTSC issued Chrome Crankshaft, Inc. an Imminent and Substantial Endangerment Determination and Remedial Action Order, Docket No. I&\\SE 98\\99-007. A temporary cap was constructed over exposed soils in the Facilty's backyard.
	Not reported

CHROME CRANKSHAFT, COMPANY (Continued) **S105689595**

Depth of groundwater at the site is approximately 70-feet below ground surface. The groundwater is contaminated with hexavalent chromium, TCE and PCE. Site soils contain chromium, hexavalent chromium, and lead. In an effort to gather data for defense against citizen and other party lawsuits, Chrome Crankshaft's consultant performed limited soil sampling from two deep borings, and installed and sampled six additional groundwater wells in March 2000.
Not reported
The community and adjacent schools are very sensitive to field activities at the site and require prior notification to field events, and DTSC has made great efforts to inform them of all developments.
Not reported
DTSC completed its review of the Work Plan and the associated Scoping Document in July 2000 prepared by McLaren-Hart. Significant comments were generated and issued to the RP on August 3, 2000. Due to the identified deficiencies, DTSC required substantial revision and re-submittal of these planning documents. There was no response by the RP to the DTSC comments, until early December 2000.
Not reported
DTSC issued a Notice of Proposed Determination of Non-Compliance on November 29, 2000 in an effort to motivate Chrome Crankshaft to proceed on the site cleanup. In response to the notice,Chrome Crankshaft met with DTSC on December 5, 2000 to introduce its new consultant, Clayton Associates, and to develop a revised cleanup strategy. Also, Chrome Crankshaft submitted a revised project schedule, which DTSC approved on December 14. 2000.
Not reported
Chrome Crankshaft has agreed to submit an RI/FS Workplan by December 2001.
Chrome Crankshift submitted a RAW Workplan for the demolition of the building and paving of the site. DTSC approved the RAW on 12/05/2003. Removal activities were completed on 1/16/2004.

Comments Date: 01162004
Comments: Locomotive Air Services Incorporated's consultants completed an
Comments Date: 01162004
Comments: interim removal action which consisted of demolishing the
Comments Date: 01162004
Comments: building and removing the debris, removing the underground and
Comments Date: 01162004
Comments: above ground storage tanks, and grading, paving, and fencing the
Comments Date: 01162004
Comments: entire site.
Comments Date: 01251999
Comments: Chapter 6.5 - Issued Corrective Action Order Docket No. HSA-CAO
Comments Date: 01251999
Comments: 98/99-027 to Chrome Crankshaft.
Comments Date: 02042005
Comments: Locomotive Air Services Incorporated filed Chapter 7 bankruptcy
Comments Date: 02042005
Comments: shortly after submitting the removal action report in June of
Comments Date: 02042005
Comments: 2004. The site has not been fully characterized and the
Comments Date: 02042005

CHROME CRANKSHAFT, COMPANY (Continued) **S105689595**

Comments:	responsible party has amassed over $800,000 in past costs.
Comments Date:	02042005
Comments:	Because the site poses a risk to human health and the
Comments Date:	02042005
Comments:	environment, DTSC has issued an Imminent and Substantial
Comments Date:	02042005
Comments:	Endangerment Determination and Order and Remedial Action Order
Comments Date:	02042005
Comments:	to the parent company Amsted Industries.
Comments Date:	10261999
Comments:	Completed decommissioning of chrome plating operations and
Comments Date:	10261999
Comments:	equipment in accordance with "Chrome Plating Operations
Comments Date:	10261999
Comments:	Decommissioning Work Plan", July 1999. The decommissioning
Comments Date:	10261999
Comments:	activities included: Removing plating solutions from
Comments Date:	10261999
Comments:	baths, cleaning plating tanks, removing process piping,
Comments Date:	10261999
Comments:	cleaning interior and exterior surfaces, removal of air
Comments Date:	10261999
Comments:	scrubbers, and cleaning roof. The facility continues to
Comments Date:	10261999
Comments:	operate under the name of Locomotive Air Services, servicing
Comments Date:	10261999
Comments:	and refurbishing locomotive air conditioning equipment.
Comments Date:	11181999
Comments:	Following installation of dedicated pumps, 4 of 5 groundwater
Comments Date:	11181999
Comments:	monitoring wells were sampled to commence implementation of
Comments Date:	11181999
Comments:	DTSC's groundwater monitoring program. A pump could not be
Comments Date:	11181999
Comments:	successfully installed in well MW-3. All 5 wells are planned
Comments Date:	11181999
Comments:	for sampling during the next quarter.
Comments Date:	11251998
Comments:	Chapter 6.8 - Issued and Imminent and Substantial Endangerment
Comments Date:	11251998
Comments:	Determination & Remedial Action Order, Docket # I&/SE 98/99-007.
Comments Date:	11251998
Comments:	Chapter 6.5 language used.
Comments Date:	12052003
Comments:	CEQA - NDEC: DTSC approved the final Negative Declaration for the
Comments Date:	12052003
Comments:	RAW.
Comments Date:	12052003
Comments:	Not reported
Comments Date:	12052003
Comments:	RAW - BLDG: DTSC approval of the Removal Action Workplan for
Comments Date:	12052003
Comments:	demolition of the building.
Comments Date:	12081998
Comments:	Installation of a geo-membrane (CAP) in the back of the facility
Comments Date:	12081998
Comments:	and also installation of a fence around the capped area.

CHROME CRANKSHAFT, COMPANY (Continued) **S105689595**

ID Name: CALSTARS CODE
ID Value: 300736
ID Name: EPA IDENTIFICATION NUMBER
ID Value: CAD05580167
Alternate Name: CHROME CRANKSHAFT, COMPANY
Alternate Name: CHROME CRANKSHAFT
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

L61
West
1/4-1/2
0.286 mi.
1512 ft.

Relative:
Lower

Actual:
129 ft.

CHROME CRANKSHAFT
6845 E. FLORENCE PL.
BELL GARDENS, CA 90201

Site 3 of 3 in cluster L

SEMS **1000334618**
RCRA-LQG **CAD055780167**
RESPONSE
ENVIROSTOR
LUST
CPS-SLIC
SWEEPS UST
HIST UST
DEED
FINDS
ECHO
Cortese
HIST CORTESE
LOS ANGELES CO. HMS
WDS
CIWQS
CERS
NON-CASE INFO

SEMS:
Site ID: 0904276
EPA ID: CAD055780167
Name: CHROME CRANKSHAFT
Address: 6845 E. FLORENCE PLACE
Address 2: Not reported
City,State,Zip: BELL GARDENS, CA 90201
Cong District: 23
FIPS Code: 06037
Latitude: 34.073333
Longitude: -118.403333
FF: N
NPL: Not on the NPL
Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

SEMS Detail:
Region: 09
Site ID: 0904276
EPA ID: CAD055780167
Site Name: CHROME CRANKSHAFT
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1992-06-22 04:00:00
Qual: H

CHROME CRANKSHAFT (Continued) **1000334618**

Current Action Lead:	EPA Perf
Region:	09
Site ID:	0904276
EPA ID:	CAD055780167
Site Name:	CHROME CRANKSHAFT
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1992-01-13 05:00:00
Finish Date:	1992-01-13 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0904276
EPA ID:	CAD055780167
Site Name:	CHROME CRANKSHAFT
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1992-04-16 04:00:00
Finish Date:	1992-10-05 04:00:00
Qual:	H
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0904276
EPA ID:	CAD055780167
Site Name:	CHROME CRANKSHAFT
NPL:	N
FF:	N
OU:	00
Action Code:	VA
Action Name:	OTHR CLEANUP
SEQ:	1
Start Date:	2000-10-01 04:00:00
Finish Date:	Not reported
Qual:	H
Current Action Lead:	St Perf
Region:	09
Site ID:	0904276
EPA ID:	CAD055780167
Site Name:	CHROME CRANKSHAFT
NPL:	N
FF:	N
OU:	00
Action Code:	OO
Action Name:	SITE REASS
SEQ:	1

CHROME CRANKSHAFT (Continued) **1000334618**

Start Date: 2000-08-15 04:00:00
Finish Date: 2001-06-06 04:00:00
Qual: H
Current Action Lead: St Perf

Region: 09
Site ID: 0904276
EPA ID: CAD055780167
Site Name: CHROME CRANKSHAFT
NPL: N
FF: N
OU: 00
Action Code: OO
Action Name: SITE REASS
SEQ: 2
Start Date: Not reported
Finish Date: 2006-06-13 04:00:00
Qual: H
Current Action Lead: St Perf

Site ID: 0909377
EPA ID: CAN000909377
Name: FREEMANS CLEANERS (VOGUE CLEANERS)
Address: 555 BRUNDAGE LANE
Address 2: Not reported
City,State,Zip: BAKERSFIELD, CA 93304
Cong District: Not reported
FIPS Code: Not reported
Latitude: +35.353889
Longitude: -119.007778
FF: N
NPL: Not on the NPL
Non NPL Status: SI Start Needed

SEMS Detail:
Region: 09
Site ID: 0909377
EPA ID: CAN000909377
Site Name: FREEMANS CLEANERS (VOGUE CLEANERS)
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 2003-07-13 04:00:00
Finish Date: 2004-07-13 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0909377
EPA ID: CAN000909377
Site Name: FREEMANS CLEANERS (VOGUE CLEANERS)
NPL: N
FF: N
OU: 00

CHROME CRANKSHAFT (Continued) **1000334618**

Action Code:	OO
Action Name:	SITE REASS
SEQ:	1
Start Date:	2013-07-01 05:00:00
Finish Date:	2015-04-16 05:00:00
Qual:	H
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0909377
EPA ID:	CAN000909377
Site Name:	FREEMANS CLEANERS (VOGUE CLEANERS)
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	2004-07-13 04:00:00
Finish Date:	2004-07-13 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0909377
EPA ID:	CAN000909377
Site Name:	FREEMANS CLEANERS (VOGUE CLEANERS)
NPL:	N
FF:	N
OU:	00
Action Code:	HX
Action Name:	PRE-CERC
SEQ:	1
Start Date:	2002-09-30 04:00:00
Finish Date:	2002-09-30 04:00:00
Qual:	Not reported
Current Action Lead:	St Perf

RCRA Listings:

Date Form Received by Agency:	20061220
Handler Name:	CHROME CRANKSHAFT CO AND LOCOMOTIVE AIR
Handler Address:	6845 E FLORENCE PL
Handler City,State,Zip:	BELL GARDENS, CA 90201
EPA ID:	CAD055780167
Contact Name:	GREG HOLMES
Contact Address:	DEPT TOXICS SUBSTANCES CONTROL
Contact City,State,Zip:	CYPRESS, CA 90630
Contact Telephone:	714-484-5461
Contact Fax:	Not reported
Contact Email:	GHOLMES@DTSC.CA.GOV
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported

CHROME CRANKSHAFT (Continued) **1000334618**

Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	DEPT TOXICS SUBSTANCES CONTROL
Mailing City,State,Zip:	CYPRESS, CA 90630
Owner Name:	LOCOMOTIVE AIR SERVICES INC
Owner Type:	Private
Operator Name:	DTSC CYPRESS OFFICE
Operator Type:	State
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

CHROME CRANKSHAFT (Continued) **1000334618**

Handler Date of Last Change:	20061220
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: VARLEN CORP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: LOCOMOTIVE AIR SERVICES INC	
Legal Status:	Private
Date Became Current:	19990101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3030
Owner/Operator City,State,Zip:	BELL GARDENS, CA 90202
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CHROME CRANKSHAFT (Continued) **1000334618**

Owner/Operator Indicator: Operator
Owner/Operator Name: DTSC CYPRESS OFFICE
Legal Status: State
Date Became Current: 20060303
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: CHROME CRANKSHAFT CO INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800828
Handler Name: CHROME CRANKSHAFT CO INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20061220
Handler Name: CHROME CRANKSHAFT CO AND LOCOMOTIVE AIR
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

CHROME CRANKSHAFT (Continued) **1000334618**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940427
Handler Name: CHROME CRANKSHAFT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001012
Handler Name: L A S, INC. FORMLEY CHROME CRNKSHFT CO.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 316992
NAICS Description: WOMEN'S HANDBAG AND PURSE MANUFACTURING

NAICS Code: 332813
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

NAICS Code: 333319
NAICS Description: OTHER COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

NAICS Code: 562998
NAICS Description: ALL OTHER MISCELLANEOUS WASTE MANAGEMENT SERVICES

NAICS Code: 811412
NAICS Description: APPLIANCE REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19940323
Actual Return to Compliance Date: 19990323
Return to Compliance Qualifier: Not Resolved

CHROME CRANKSHAFT (Continued) **1000334618**

Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19940323
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19990323
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

RESPONSE:

Name:	CHROME CRANKSHAFT COMPANY
Address:	6845 FLORENCE PL
City,State,Zip:	BELL GARDENS, CA 90201
Facility ID:	19350473
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	2
National Priorities List:	NO

CHROME CRANKSHAFT (Continued) **1000334618**

Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Farah Itani
Supervisor:	Emad Yemut
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	301796
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	58
Senate:	33
Special Program Status:	Not reported
Status:	Active
Status Date:	01/25/1999
Restricted Use:	YES
Funding:	Not Applicable
Latitude:	33.96572
Longitude:	-118.1419
APN:	6358-019-27, 6358-019-28, 6358019028
Past Use:	METAL PLATING - CHROME
Potential COC :	Arsenic Lead Tetrachloroethylene (PCE Trichloroethylene (TCE Cadmium and compounds Chromium VI Mercury and compounds Nickel Thallium and compounds
Confirmed COC:	Thallium and compounds Tetrachloroethylene (PCE Trichloroethylene (TCE Cadmium and compounds Chromium VI Mercury and compounds Nickel Arsenic Lead
Potential Description:	AQUI, SOIL
Alias Name:	CHROME CRANKSHAFT
Alias Type:	Alternate Name
Alias Name:	6358-019-27
Alias Type:	APN
Alias Name:	6358-019-28
Alias Type:	APN
Alias Name:	6358019028
Alias Type:	APN
Alias Name:	CAD055780167
Alias Type:	EPA Identification Number
Alias Name:	110018976535
Alias Type:	EPA (FRS #)
Alias Name:	110033620516
Alias Type:	EPA (FRS #)
Alias Name:	SL204341552
Alias Type:	GeoTracker Global ID
Alias Name:	300736
Alias Type:	Project Code (Site Code)
Alias Name:	301796
Alias Type:	Project Code (Site Code)
Alias Name:	19350473
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Health & Safety Plan
Completed Date:	06/23/2008
Comments:	Plan Aprroved as Prepared
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Feasibility Study Report

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Date: 10/26/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 10/26/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 10/26/2007
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/08/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 09/12/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 04/18/2008
Comments: CEQA completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/17/2008
Comments: Letter sent on 4/14/09.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 11/01/2010
Comments: Contract fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 01/16/2004
Comments: Locomotive Air Services Incorporated’s consultants completed an interim removal action which consisted of demolishing the building and removing the debris, removing the underground and above ground storage tanks, and grading, paving, and fencing the entire site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Date: 12/05/2003
Comments: CEQA - NDEC: DTSC approved the final Negative Declaration for the RAW. ‘ RAW - BLDG: DTSC approval of the Removal Action Workplan for demolition of the building.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/08/1998
Comments: Installation of a geo-membrane (CAP) in the back of the facility and also installation of a fence around the capped area.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 02/03/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 03/22/2010
Comments: DTSC received the final design dated March 2010

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 02/03/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 02/03/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 02/03/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/03/2013
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/25/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Date: 02/07/2011
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 03/24/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/30/2015
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/24/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/01/2015
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/22/2017
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/22/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 11/25/1998
Comments: Chapter 6.8 - Issued and Imminent and Substantial Endangerment Determination & Remedial Action Order, Docket # I&/SE 98/99-007. Chapter 6.5 language used.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 02/04/2005
Comments: Locomotive Air Services Incorporated filed Chapter 7 bankruptcy shortly after submitting the removal action report in June of 2004. The site has not been fully characterized and the responsible party has amassed over $800,000 in past costs. Because the site poses a risk to human health and the environment, DTSC has issued an Imminent and Substantial Endangerment Determination and Order and Remedial

CHROME CRANKSHAFT (Continued) **1000334618**

Action Order to the parent company Amsted Industries.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 01/25/1999
Comments: Chapter 6.5 - Issued Corrective Action Order Docket No. HSA-CAO 98/99-027 to Chrome Crankshaft.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 05/03/2007
Comments: The Court approved the Consent Decree.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: DTSC PM conducted management over the fiscal year of 20/21.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/16/2020
Comments: WDR Termination Notification From Regional Water Board

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/08/2020
Comments: DTSC approved the report provided the comments are incorporated in future field activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/13/2020
Comments: DTSC completed review of the monthly inspection report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/05/2020
Comments: DTSC completed review of the October 2020 report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/07/2020
Comments: DTSC completed review of the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/29/2020
Comments: DTSC completed review of the inspection report.

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/16/2021
Comments: DTSC reviewed the inspection report approved it as is on 2/16/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/01/2021
Comments: DTSC completed review of the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/05/2021
Comments: DTSC completed review of the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/10/2021
Comments: DTSC reviewed the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/02/2021
Comments: DTSC completed review of monthly inspection report for May 2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/08/2021
Comments: DTSC completed review of monthly inspection report for June 2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/01/2021
Comments: DTSC completed review of the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/08/2021
Comments: REW for FY 21-22 was finalized.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: LUR - Notification Response
Completed Date: 09/28/2021
Comments: A meeting was held with RP representatives on 9/28/2021. DTSC summarized project activities since consent decree execution, current site status, anticipated future steps, and likely exit strategy.

Completed Area Name: PROJECT WIDE

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/08/2021
Comments: DTSC completed review of the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/12/2021
Comments: DTSC completed review of October 2021 Inspection Report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/13/2021
Comments: DTSC reviewed the November 2021 inspection report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/04/2022
Comments: DTSC reviewed the December 2021 inspection report and accepted it as is.

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 06/23/2008
Comments: Remedial Design and Implementation Plan Plus All Supporting Plans are approved by DTSC.

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 02/26/2009
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/19/2009
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 03/04/2009
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/31/2009
Comments: Not reported

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/07/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/03/2020
Comments: FINAL ANNUAL GWR

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 01/25/2022
Comments: DTSC approved this workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/23/2021
Comments: DTSC had a meeting with property owner representatives on 11/23/2021 and provided feedback on this report. The conclusion is that the impact of climate change on regional groundwater condition is inconclusive based on the data provided in this report, and DTSC can't determine site closure without site-specific data.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Determination of non-compliance
Completed Date: 04/06/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 11/22/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Orphan Site Designation
Completed Date: 12/10/2018
Comments: Site has been designated an Orphan Site.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 02/07/2011
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/05/2013
Comments: Graph of OU-2 EL2a/b System Cr(VI) throughput.

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/28/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/22/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/15/2013
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: Routine report. Uploaded from last year.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/24/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
Comments: Routine Daily Operation Activities

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/24/2014
Comments: Daily Operation Log Information for months of September-December 2013.
Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/24/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Document Type: Fieldwork
Completed Date: 02/24/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/30/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/29/2020
Comments: DTSC and GSI had a meeting on 12/29/2020. On-site deep well MW-7B will be re-sampled in January 2021 and results will be presented in an addendum report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/03/2021
Comments: DTSC reviewed the report and approved it as final on 6/3/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/23/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/16/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/03/2020
Comments: FINAL 4TH QUARTER 2019 WDR

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/16/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Date: 12/13/2021
Comments: DTSC approved the FYR Report on 12/13/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 06/05/2017
Comments: It was singed and sent to owner to be recorded and send it back to DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/13/2006
Comments: Site Screening approved by EPA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/05/2003
Comments: FACT SHEET REMOVAL ACTION WORKPLAN

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/05/2007
Comments: FACT SHEET ON PROPOSED CONSENT ORDER COMPLETED

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 04/18/2008
Comments: Final RAP for OU No. 1 - Soil was approved.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 07/21/2009
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/17/2012
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/16/2012
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/14/2012
Comments: This is ongoing GW treatment plan, dated 6/2012.

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/01/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/14/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/05/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/10/2018
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/28/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/10/2018
Comments: Routine report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 12/18/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/02/2020
Comments: FINAL ANNUAL GWR 2019

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/08/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Date: 11/03/2010
Comments: Start Work issued to Contractor.

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

ENVIROSTOR:
Name: CHROME CRANKSHAFT COMPANY
Address: 6845 FLORENCE PL
City,State,Zip: BELL GARDENS, CA 90201
Facility ID: 19350473
Status: Active
Status Date: 01/25/1999
Site Code: 301796
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 2
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Farah Itani
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 58
Senate: 33
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Not Applicable
Latitude: 33.96572
Longitude: -118.1419
APN: 6358-019-27, 6358-019-28, 6358019028
Past Use: METAL PLATING - CHROME
Potential COC: Arsenic Lead Tetrachloroethylene (PCE Trichloroethylene (TCE Cadmium and compounds Chromium VI Mercury and compounds Nickel Thallium and compounds
Confirmed COC: Thallium and compounds Tetrachloroethylene (PCE Trichloroethylene (TCE Cadmium and compounds Chromium VI Mercury and compounds Nickel Arsenic Lead
Potential Description: AQUI, SOIL
Alias Name: CHROME CRANKSHAFT
Alias Type: Alternate Name
Alias Name: 6358-019-27
Alias Type: APN
Alias Name: 6358-019-28
Alias Type: APN
Alias Name: 6358019028
Alias Type: APN
Alias Name: CAD055780167
Alias Type: EPA Identification Number

CHROME CRANKSHAFT (Continued) **1000334618**

Alias Name: 110018976535
Alias Type: EPA (FRS #)
Alias Name: 110033620516
Alias Type: EPA (FRS #)
Alias Name: SL204341552
Alias Type: GeoTracker Global ID
Alias Name: 300736
Alias Type: Project Code (Site Code)
Alias Name: 301796
Alias Type: Project Code (Site Code)
Alias Name: 19350473
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 06/23/2008
Comments: Plan Aprroved as Prepared

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 10/26/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 10/26/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 10/26/2007
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/08/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 09/12/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 04/18/2008
Comments: CEQA completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Document Type: Correspondence
Completed Date: 01/17/2008
Comments: Letter sent on 4/14/09.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 11/01/2010
Comments: Contract fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 01/16/2004
Comments: Locomotive Air Services Incorporated's consultants completed an interim removal action which consisted of demolishing the building and removing the debris, removing the underground and above ground storage tanks, and grading, paving, and fencing the entire site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 12/05/2003
Comments: CEQA - NDEC: DTSC approved the final Negative Declaration for the RAW. ' RAW - BLDG: DTSC approval of the Removal Action Workplan for demolition of the building.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/08/1998
Comments: Installation of a geo-membrane (CAP) in the back of the facility and also installation of a fence around the capped area.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 02/03/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 03/22/2010
Comments: DTSC received the final design dated March 2010

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 02/03/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 02/03/2010
Comments: Not reported

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 02/03/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/03/2013
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/25/2010
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/07/2011
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 03/24/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/30/2015
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/24/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/01/2015
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/22/2017
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Other Report

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Date: 05/22/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 11/25/1998
Comments: Chapter 6.8 - Issued and Imminent and Substantial Endangerment Determination & Remedial Action Order, Docket # I&/SE 98/99-007. Chapter 6.5 language used.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 02/04/2005
Comments: Locomotive Air Services Incorporated filed Chapter 7 bankruptcy shortly after submitting the removal action report in June of 2004. The site has not been fully characterized and the responsible party has amassed over $800,000 in past costs. Because the site poses a risk to human health and the environment, DTSC has issued an Imminent and Substantial Endangerment Determination and Order and Remedial Action Order to the parent company Amsted Industries.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 01/25/1999
Comments: Chapter 6.5 - Issued Corrective Action Order Docket No. HSA-CAO 98/99-027 to Chrome Crankshaft.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Cost Recovery Settlements/Decrees
Completed Date: 05/03/2007
Comments: The Court approved the Consent Decree.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: DTSC PM conducted management over the fiscal year of 20/21.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/16/2020
Comments: WDR Termination Notification From Regional Water Board

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/08/2020
Comments: DTSC approved the report provided the comments are incorporated in future field activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/13/2020
Comments: DTSC completed review of the monthly inspection report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/05/2020
Comments: DTSC completed review of the October 2020 report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/07/2020
Comments: DTSC completed review of the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/29/2020
Comments: DTSC completed review of the inspection report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/16/2021
Comments: DTSC reviewed the inspection report approved it as is on 2/16/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/01/2021
Comments: DTSC completed review of the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/05/2021
Comments: DTSC completed review of the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/10/2021
Comments: DTSC reviewed the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/02/2021
Comments: DTSC completed review of monthly inspection report for May 2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/08/2021
Comments: DTSC completed review of monthly inspection report for June 2021.

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/01/2021
Comments: DTSC completed review of the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/08/2021
Comments: REW for FY 21-22 was finalized.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: LUR - Notification Response
Completed Date: 09/28/2021
Comments: A meeting was held with RP representatives on 9/28/2021. DTSC summarized project activities since consent decree execution, current site status, anticipated future steps, and likely exit strategy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/08/2021
Comments: DTSC completed review of the report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/12/2021
Comments: DTSC completed review of October 2021 Inspection Report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/13/2021
Comments: DTSC reviewed the November 2021 inspection report and accepted it as is.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/04/2022
Comments: DTSC reviewed the December 2021 inspection report and accepted it as is.

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 06/23/2008
Comments: Remedial Design and Implementation Plan Plus All Supporting Plans are approved by DTSC.

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Date: 02/26/2009
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/19/2009
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 03/04/2009
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/31/2009
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/07/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 01/03/2020
Comments: FINAL ANNUAL GWR

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 01/25/2022
Comments: DTSC approved this workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/23/2021
Comments: DTSC had a meeting with property owner representatives on 11/23/2021 and provided feedback on this report. The conclusion is that the impact of climate change on regional groundwater condition is inconclusive based on the data provided in this report, and DTSC can’t determine site closure without site-specific data.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Determination of non-compliance
Completed Date: 04/06/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Document Type: Final Determination of Non-Compliance
Completed Date: 11/22/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Orphan Site Designation
Completed Date: 12/10/2018
Comments: Site has been designated an Orphan Site.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 02/07/2011
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/05/2013
Comments: Graph of OU-2 EL2a/b System Cr(VI) throughput.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/28/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/22/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/15/2013
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: Routine report. Uploaded from last year.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/24/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
Comments: Not reported

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
Comments: Routine Daily Operation Activities

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/24/2014
Comments: Daily Operation Log Information for months of September-December 2013.
Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/24/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/24/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/25/2014
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/30/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/29/2020
Comments: DTSC and GSI had a meeting on 12/29/2020. On-site deep well MW-7B will be re-sampled in January 2021 and results will be presented in an addendum report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/03/2021
Comments: DTSC reviewed the report and approved it as final on 6/3/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/23/2021
Comments: Not reported

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/16/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/03/2020
Comments: FINAL 4TH QUARTER 2019 WDR

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/16/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 12/13/2021
Comments: DTSC approved the FYR Report on 12/13/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 06/05/2017
Comments: It was singed and sent to owner to be recorded and send it back to DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/13/2006
Comments: Site Screening approved by EPA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/05/2003
Comments: FACT SHEET REMOVAL ACTION WORKPLAN

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/05/2007
Comments: FACT SHEET ON PROPOSED CONSENT ORDER COMPLETED

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 04/18/2008
Comments: Final RAP for OU No. 1 - Soil was approved.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Document Type: Remedial Action Plan
Completed Date: 07/21/2009
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/17/2012
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/16/2012
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/14/2012
Comments: This is ongoing GW treatment plan, dated 6/2012.

Completed Area Name: Operable Unit (OU) No. 2 - Ground Water
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/01/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/14/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/05/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/10/2018
Comments: Not reported

Completed Area Name: Operable Unit (OU) No. 1 - Soil
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/28/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/10/2018
Comments: Routine report.

CHROME CRANKSHAFT (Continued) **1000334618**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 12/18/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/02/2020
Comments: FINAL ANNUAL GWR 2019

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/08/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 11/03/2010
Comments: Start Work issued to Contractor.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 902010061
Status: Remediation Plan
Substance: Chromium
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Specific tank leak that has contaminated a specific well used for drinking water
Abatement Method Used at the Site: Excavate and Dispose
Global ID: T0603701240
W Global ID: Not reported
Staff: SLC
Local Agency: 19000
Cross Street: FOSTER BRIDGE BLVD
Enforcement Type: Not reported
Date Leak Discovered: 3/30/1990
Date Leak First Reported: 4/20/1990
Date Leak Record Entered: 6/12/1990
Date Confirmation Began: Not reported
Date Leak Stopped: 3/30/1990
Date Case Last Changed on Database: 7/11/1996

CHROME CRANKSHAFT (Continued) **1000334618**

Date the Case was Closed:		Not reported
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	DAVIS, DAVID	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		196.351852911136637148379886 97
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		4/20/1990
Pollution Characterization Began:		7/8/1991
Remediation Plan Submitted:		8/3/1998
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:	CHROME CRANKSHAFT CO.	
RP Address:	6845 E FLORENCE PL, BELL GARDENS, CA 90201	
Program:	SLIC	
Lat/Long:	33.9654699 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	1	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	THIS CASE AND J&S CHROME WERE TRANSFERRED TO SLIC UNIT O/A CHROME CONTAMINATION. REFER TO SLIC #416	

CPS-SLIC:

Name:	CHROME CRANKSHAFT CO
Address:	6845 EAST FLORENCE PLACE
City,State,Zip:	BELL GARDENS, CA 90201
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	01/29/2015
Global Id:	SL204341552
Lead Agency:	DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Lead Agency Case Number:	19350473
Latitude:	33.965517
Longitude:	-118.142405
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	0416
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported

CHROME CRANKSHAFT (Continued) **1000334618**

Site History: Not reported

Click here to access the California GeoTracker records for this facility:

SWEEPS UST:
Name: CHROME CRANKSHAFT CO
Address: 6845 E FLORENCE PL
City: BELL GARDENS
Status: Active
Comp Number: 5478
Number: 9
Board Of Equalization: 44-007934
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-005478-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 1

HIST UST:
Name: CHROME CRANKSHAFT
Address: 6845 FLORENCE PL
City,State,Zip: BELL GARDENS, CA 90201
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000055944
Facility Type: Other
Other Type: STORAGE RECYCLE
Contact Name: DAVE DAVIES
Telephone: 2137735936
Owner Name: VARLEN CORP. INC.
Owner Address: 1 CROSSROADS OF COMMERCE
Owner City,St,Zip: ROLLING MEADOWS, IL 60008
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1964
Tank Capacity: 00002000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

DEED:
Name: CHROME CRANKSHAFT COMPANY
Address: 6845 FLORENCE PL
City,State,Zip: BELL GARDENS, CA 90201
Envirostor ID: 19350473

CHROME CRANKSHAFT (Continued) **1000334618**

Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

FINDS:
Registry ID: 110002139711

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor 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.
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER
SUPERFUND (NON-NPL)

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000334618
Registry ID: 110002139711
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002139711
Name: CHROME CRANKSHAFT
Address: 6845 E. FLORENCE PL.
City,State,Zip: BELL GARDENS, CA 90201

CORTESE:
Name: CHROME CRANKSHAFT COMPANY
Address: 6845 FLORENCE PL
City,State,Zip: BELL GARDENS, CA 90201
Region: CORTESE
Envirostor Id: 19350473
Global ID: Not reported
Site/Facility Type: STATE RESPONSE
Cleanup Status: ACTIVE - LAND USE RESTRICTIONS
Status Date: 01/25/1999

CHROME CRANKSHAFT (Continued) **1000334618**

Site Code:	300736, 301796
Latitude:	33.965721
Longitude:	-118.14191
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Haz Waste & Substances Sites

HIST CORTESE:

edr_fname:	CHROME CRANKSHAFT
edr_fadd1:	6845 FLORENCE
City,State,Zip:	BELL GARDENS, CA 90201
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	902010061

LOS ANGELES CO. HMS:

Name:	CHROME CRANKSHAFT CO
Address:	6845 FLORENCE PL
City,State,Zip:	BELL GARDENS, CA 902013295
Region:	LA
Permit Category:	T
Facility Id:	005279-005478
Facility Type:	0
Facility Status:	Removed
Area:	3Y
Permit Number:	00003418T
Permit Status:	Removed

Name:	CHROME CRANKSHAFT CO
Address:	6845 FLORENCE PL
City,State,Zip:	BELL GARDENS, CA 902013295
Region:	LA
Permit Category:	S
Facility Id:	005279-047290
Facility Type:	S6
Facility Status:	Closed
Area:	3Y
Permit Number:	CGI009647
Permit Status:	Closed

WDS:

Name:	CHROME CRANKSHAFT CO
Address:	6845 Florence Pl
City:	BELL GARDENS
Facility ID:	4 19I009647
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or

CHROME CRANKSHAFT (Continued) **1000334618**

semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 4
Facility Telephone: 5628065231
Facility Contact: RAY CAREL
Agency Name: LOCOMOTIVE AIR SERVICES
Agency Address: 6845 Florence Pl
Agency City,St,Zip: Bell Gardens 902013239
Agency Contact: RAY CAREL
Agency Telephone: 5628065231
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:
Name: CHROME CRANKSHAFT
Address: 6845 FLORENCE PL
City,State,Zip: BELL GARDENS, CA 90201
Agency: Locomotive Air Services
Agency Address: 6845 Florence Pl, Bell Gardens, CA 90201
Place/Project Type: Industrial - Electroplating, Plating, Polishing, Anodizing, and Coloring
SIC/NAICS: 3471
Region: 4
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial

CHROME CRANKSHAFT (Continued) **1000334618**

Order Number: 2014-0057-DWQ
WDID: 4 19I009647
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 12/30/1992
Termination Date: 02/16/2005
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 33.9654
Longitude: -118.14179

CERS:
Name: CHROME CRANKSHAFT CO
Address: 6845 EAST FLORENCE PLACE
City,State,Zip: BELL GARDENS, CA 90201
Site ID: 200109
CERS ID: SL204341552
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: DTSC - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 1011 N. GRANDVIEW AVE.
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: CHROME CRANKSHAFT CO
Address: 6845 FLORENCE PL
City,State,Zip: BELL GARDENS, CA 90201
Site ID: 606684
CERS ID: 19350473
CERS Description: State Response

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: Emad Yemut
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Lead Project Manager
Entity Name: Farah Itani
Entity Title: Not reported
Affiliation Address: Not reported

CHROME CRANKSHAFT (Continued) **1000334618**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

NON-CASE INFO:

Name:	CHROME CRANKSHAFT COMPANY
Address:	6845 FLORENCE PL
City,State,Zip:	BELL GARDENS, CA 90201
Global ID:	T10000013462
Case Type:	Non-Case Information
Status:	Pending Review
Status Date:	09/23/2019
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
Loc Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	2019-09-23 00:00:00
How Discovered:	Not reported
How Discovered Description:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Geotracker:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000013462

M62 **USA WASTE** **SEMS-ARCHIVE** **1003109063**
WSW **7314 SCOUT AVE** **CAN000905707**
1/4-1/2 **BELL GARDENS, CA 90201**
0.313 mi.
1654 ft. **Site 1 of 2 in cluster M**

Relative: **Lower**
Actual: **128 ft.**

SEMS Archive:

Site ID:	0905707
EPA ID:	CAN000905707
Name:	USA WASTE
Address:	7314 SCOUT AVE
Address 2:	Not reported
City,State,Zip:	BELL GARDENS, CA 90201
Cong District:	Not reported
FIPS Code:	06037
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0905707
EPA ID:	CAN000905707
Site Name:	USA WASTE
NPL:	N

USA WASTE (Continued) **1003109063**

FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	2013-11-07 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse
Region:	09
Site ID:	0905707
EPA ID:	CAN000905707
Site Name:	USA WASTE
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	2000-07-05 04:00:00
Finish Date:	2000-07-05 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0905707
EPA ID:	CAN000905707
Site Name:	USA WASTE
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	2003-10-01 04:00:00
Finish Date:	2008-09-04 04:00:00
Qual:	N
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0905707
EPA ID:	CAN000905707
Site Name:	USA WASTE
NPL:	N
FF:	N
OU:	00
Action Code:	HX
Action Name:	PRE-CERC
SEQ:	1
Start Date:	Not reported
Finish Date:	2000-07-05 04:00:00
Qual:	Not reported
Current Action Lead:	St Perf

M63 **W A RASIC CONSTRUCTION CO** **LUST** **S106103138**
WSW **7314 SCOUT AVE** **Cortese** **N/A**
1/4-1/2 **BELL GARDENS, CA 90201** **WDS**
0.313 mi. **CIWQS**
1654 ft. **Site 2 of 2 in cluster M** **CERS**

Relative:
Lower

Actual:
128 ft.

LUST:

Name:	W A RASIC CONSTRUCTION CO
Address:	7314 SCOUT AVE
City,State,Zip:	BELL GARDENS, CA 90201
Lead Agency:	LOS ANGELES COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603789140
Global Id:	T0603789140
Latitude:	33.963544
Longitude:	-118.141551
Status:	Completed - Case Closed
Status Date:	02/09/2009
Case Worker:	NR
RB Case Number:	Not reported
Local Agency:	LOS ANGELES COUNTY
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel, Xylene
Site History:	Not reported

LUST:

Global Id:	T0603789140
Contact Type:	Local Agency Caseworker
Contact Name:	NIKOLAUS REPPUHN
Organization Name:	LOS ANGELES COUNTY
Address:	900 SOUTH FREEMONT AVE.
City:	ALHAMBRA
Email:	nreppuhn@dpw.lacounty.gov
Phone Number:	Not reported

Global Id:	T0603789140
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:	T0603789140
Action Type:	Other
Date:	09/18/2007
Action:	Leak Discovery

Global Id:	T0603789140
Action Type:	ENFORCEMENT
Date:	02/10/2009
Action:	Closure/No Further Action Letter - #C591316

Global Id:	T0603789140
Action Type:	Other

W A RASIC CONSTRUCTION CO (Continued) **S106103138**

Date: 02/14/2008
Action: Leak Reported

LUST:
Global Id: T0603789140
Status: Open - Case Begin Date
Status Date: 09/18/2007

Global Id: T0603789140
Status: Open - Site Assessment
Status Date: 03/04/2008

Global Id: T0603789140
Status: Completed - Case Closed
Status Date: 02/09/2009

CORTESE:
Name: W A RASIC CONSTRUCTION CO
Address: 7314 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 90201
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603789140
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

WDS:
Name: BIOMASS CORP
Address: 7314 Scout Ave
City: BELL GARDENS
Facility ID: 4 19I015716
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

W A RASIC CONSTRUCTION CO (Continued) **S106103138**

NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	5629288900
Facility Contact:	HILLY JONES
Agency Name:	BIOMASS CORP
Agency Address:	7314 Scout Ave
Agency City,St,Zip:	Bell Gardens 902014904
Agency Contact:	HILLY JONES
Agency Telephone:	5629288900
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name:	BIOMASS CORP
Address:	7314 SCOUT AVE
City,State,Zip:	BELL GARDENS, CA 90201
Agency:	Biomass Corp
Agency Address:	7314 Scout Ave, Bell Gardens, CA 90201
Place/Project Type:	Industrial - Refuse Systems
SIC/NAICS:	4953(+)
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 19I015716
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	03/30/2000
Termination Date:	09/25/2003
Expiration/Review Date:	Not reported
Design Flow:	Not reported

W A RASIC CONSTRUCTION CO (Continued) **S106103138**

Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.96389
Longitude:	-118.14157

CERS:

Name:	W A RASIC CONSTRUCTION CO
Address:	7314 SCOUT AVE
City,State,Zip:	BELL GARDENS, CA 90201
Site ID:	212321
CERS ID:	T0603789140
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	NIKOLAUS REPPUHN - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 SOUTH FREEMONT AVE.
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

64
WNW
1/4-1/2
0.314 mi.
1659 ft.

SUVA SCHOOLS
6740 SUVA ST
BELL GARDENS, CA 90201

RESPONSE
ENVIROSTOR
CERS

S108751514
N/A

Relative:
Lower

Actual:
131 ft.

RESPONSE:

Name:	SUVA SCHOOLS
Address:	6740 SUVA ST
City,State,Zip:	BELL GARDENS, CA 90201
Facility ID:	19820014
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	0.003
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	* Greg Holmes
Division Branch:	Cleanup Cypress

SUVA SCHOOLS (Continued) **S108751514**

Site Code:	300714
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	58
Senate:	33
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	06/30/1999
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	33.96785
Longitude:	-118.1417
APN:	NONE SPECIFIED
Past Use:	METAL PLATING - CHROME
Potential COC :	Lead Chromium VI
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	SUVA ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	SUVA INTERMEDIATE SCHOOL
Alias Type:	Alternate Name
Alias Name:	SUVA SCHOOLS
Alias Type:	Alternate Name
Alias Name:	110033618896
Alias Type:	EPA (FRS #)
Alias Name:	300714
Alias Type:	Project Code (Site Code)
Alias Name:	19820014
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	06/30/1999
Comments:	A Removal Action was conducted for soil containing Hexavalent Chromium at the Suva School. Approximately 44 cubic yards of soil were removed. No further action is required.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	01/25/1999
Comments:	Completed PEA at the Suva School Site. Based on PEA results a Removal Action was subsequently conducted.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

ENVIROSTOR:

Name:	SUVA SCHOOLS

SUVA SCHOOLS (Continued) **S108751514**

Address: 6740 SUVA ST
City,State,Zip: BELL GARDENS, CA 90201
Facility ID: 19820014
Status: No Further Action
Status Date: 06/30/1999
Site Code: 300714
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 0.003
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: * Greg Holmes
Division Branch: Cleanup Cypress
Assembly: 58
Senate: 33
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.96785
Longitude: -118.1417
APN: NONE SPECIFIED
Past Use: METAL PLATING - CHROME
Potential COC: Lead Chromium VI
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: SUVA ELEMENTARY SCHOOL
Alias Type: Alternate Name
Alias Name: SUVA INTERMEDIATE SCHOOL
Alias Type: Alternate Name
Alias Name: SUVA SCHOOLS
Alias Type: Alternate Name
Alias Name: 110033618896
Alias Type: EPA (FRS #)
Alias Name: 300714
Alias Type: Project Code (Site Code)
Alias Name: 19820014
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/30/1999
Comments: A Removal Action was conducted for soil containing Hexavalent Chromium at the Suva School. Approximately 44 cubic yards of soil were removed. No further action is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/25/1999
Comments: Completed PEA at the Suva School Site. Based on PEA results a Removal Action was subsequently conducted.

Future Area Name: Not reported

SUVA SCHOOLS (Continued) **S108751514**

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

CERS:
Name: SUVA SCHOOLS
Address: 6740 SUVA ST
City,State,Zip: BELL GARDENS, CA 90201
Site ID: 610396
CERS ID: 19820014
CERS Description: State Response

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: * Greg Holmes
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

---

65 **RED'S CATERING** **LUST** **S100272167**
WSW **7437 SCOUT AVE** **CERS HAZ WASTE** **N/A**
1/4-1/2 **BELL GARDENS, CA 90201** **Cortese**
0.400 mi. **HIST CORTESE**
2113 ft. **LOS ANGELES CO. HMS**
CERS

Relative:
Lower

Actual:
125 ft.

LUST:
Name: RED'S CATERING
Address: 7437 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 90201
Lead Agency: LOS ANGELES COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603705301
Global Id: T0603705301
Latitude: 33.9631929
Longitude: -118.143978
Status: Completed - Case Closed
Status Date: 06/08/1992
Case Worker: JOA
RB Case Number: R-20327
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:

RED'S CATERING (Continued) **S100272167**

Global Id: T0603705301
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603705301
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: T0603705301
Action Type: Other
Date: 03/19/1991
Action: Leak Discovery

Global Id: T0603705301
Action Type: Other
Date: 10/07/1991
Action: Leak Reported

LUST:
Global Id: T0603705301
Status: Open - Case Begin Date
Status Date: 04/05/1990

Global Id: T0603705301
Status: Open - Site Assessment
Status Date: 04/05/1990

Global Id: T0603705301
Status: Open - Site Assessment
Status Date: 04/20/1990

Global Id: T0603705301
Status: Open - Remediation
Status Date: 01/18/1991

Global Id: T0603705301
Status: Open - Remediation
Status Date: 03/19/1991

Global Id: T0603705301
Status: Completed - Case Closed
Status Date: 06/08/1992

RED'S CATERING (Continued) **S100272167**

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	R-20327	
Status:	Case Closed	
Substance:	Waste Oil	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603705301	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19000	
Cross Street:	FLORENCE AVE	
Enforcement Type:	Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters	
Date Leak Discovered:	3/19/1991	
Date Leak First Reported:		10/7/1991
Date Leak Record Entered:	12/20/1991	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		4/7/1999
Date the Case was Closed:		6/8/1992
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	FLYNN, FRANK	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		830.25116696295822828887714 79
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		4/5/1990
Preliminary Site Assessment Began:		4/20/1990
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		1/18/1991
Remedial Action Underway:		3/19/1991
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		1/1/1965
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	RED'S CATERING	
RP Address:	SAME AS SITE	
Program:	LUST	
Lat/Long:	33.963251 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	

RED'S CATERING (Continued) **S100272167**

Assigned Name: Not reported
Summary: OLD CASE #I-6953

CERS HAZ WASTE:
Name: AC CUSTOM CATERING INC DBA RED'S CATERING II
Address: 7437 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 90201
Site ID: 400544
CERS ID: 10280827
CERS Description: Hazardous Waste Generator

CORTESE:
Name: RED'S CATERING
Address: 7437 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 90201
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603705301
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: RED'S CATERING
edr_fadd1: 7437 SCOUT
City,State,Zip: BELL GARDENS, CA 90201
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: R-20327

LOS ANGELES CO. HMS:
Name: REDS CATERING II CORP
Address: 7437 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 902014931
Region: LA
Permit Category: I
Facility Id: 006728-020327
Facility Type: 01
Facility Status: Closed

RED'S CATERING (Continued) **S100272167**

Area: 3Y
Permit Number: 000013240
Permit Status: Closed

Name: REDS CATERING II CORP
Address: 7437 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 902014931
Region: LA
Permit Category: Not reported
Facility Id: 006728-041762
Facility Type: Not reported
Facility Status: OPEN
Area: 3Y
Permit Number: Not reported
Permit Status: Not reported

Name: REDS CATERING II CORP
Address: 7437 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 902014931
Region: LA
Permit Category: I
Facility Id: 006728-047144
Facility Type: 11
Facility Status: Permit
Area: 3Y
Permit Number: 00T520131
Permit Status: Closed

Name: REDS CATERING II CORP
Address: 7437 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 902014931
Region: LA
Permit Category: I
Facility Id: 006728-047144
Facility Type: 01
Facility Status: Permit
Area: 3Y
Permit Number: 000017199
Permit Status: Permit

CERS:
Name: AC CUSTOM CATERING INC DBA RED'S CATERING II
Address: 7437 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 90201
Site ID: 400544
CERS ID: 10280827
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 400544
Site Name: AC CUSTOM CATERING INC DBA RED'S CATERING II
Violation Date: 03-18-2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: Returned to compliance on 06/15/2017. OBSERVATION: The facility has

RED'S CATERING (Continued) **S100272167**

not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS).

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 400544
Site Name: AC CUSTOM CATERING INC DBA RED'S CATERING II
Violation Date: 03-18-2016
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 05/11/2017. OBSERVATION: This facility s EPA ID number is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately contact DTSC and reactivate your EPA ID number and submit evidence to the cupa by 30 days from now.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 400544
Site Name: AC CUSTOM CATERING INC DBA RED'S CATERING II
Violation Date: 03-18-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 03/18/2016. OBSERVATION: 1x275 gal tote, 1x20 gal used oil without hazardous waste label. All hazardous waste containers shall be marked with the following information: 1) the words Hazardous Waste ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information. COS.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 400544
Site Name: AC CUSTOM CATERING INC DBA RED'S CATERING II
Violation Date: 03-18-2016
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes: Returned to compliance on 03/18/2016. OBSERVATION: Generator failed to properly handle, manage, label, and/or recycle used oil and fuel filters. No label on the used oil filter drum. CORRECTIVE ACTION: Owner/Operator shall immediately comply with the Title 22 regulations with regards to the proper handling, management, labeling and

RED'S CATERING (Continued) **S100272167**

recycling of used oil and fuel filters. Verify compliance with the CUPA within 30 days. COS.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 400544
Site Name: AC CUSTOM CATERING INC DBA RED'S CATERING II
Violation Date: 03-18-2016
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 03/18/2016. OBSERVATION: 1x20 gal used oil in the service bay is not closed. All hazardous waste containers shall be closed at all times except when adding or removing waste. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste. COS.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 400544
Site Name: AC CUSTOM CATERING INC DBA RED'S CATERING II
Violation Date: 01-18-2022
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 01/18/2022. OBSERVATION: (1) 275 gal tote of used oil located in the maintenance department was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 400544
Site Name: AC CUSTOM CATERING INC DBA RED'S CATERING II
Violation Date: 01-18-2022
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: OBSERVATION: The business failed to electronically submit complete and accurate chemical inventory information for all hazardous materials on site at or above reportable quantities. Items above reportable threshold amounts such as new oil, used oil, and oxygen were observed above reportable threshold amounts. CORRECTIVE ACTION: Electronically submit complete and accurate chemical inventory information for all hazardous materials on site at or above reportable quantities.

RED'S CATERING (Continued) **S100272167**

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 400544
Site Name: AC CUSTOM CATERING INC DBA RED'S CATERING II
Violation Date: 01-18-2022
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: OBSERVATION: Uniform Hazardous Waste Manifests for the used oil and drained used oil filters were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for the used oil and drained used oil filters and submit copies to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-18-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Sandra Acompa
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-30-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-31-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-15-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP

RED'S CATERING (Continued) **S100272167**

Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	12-15-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-18-2022
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Enrique Chavez - Warehouse Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-18-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Sandra Acompa
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-09-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Carlos Chavez
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-30-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-20-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Consent to do inspection was given by Armando Chavez.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection

RED'S CATERING (Continued) **S100272167**

Eval Date:	05-20-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Consent to do inspection was given by Armando Chavez.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-18-2022
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Enrique Chavez - Warehouse Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	05-11-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,

Coordinates:

Site ID:	400544
Facility Name:	AC CUSTOM CATERING INC DBA RED'S CATERING II
Env Int Type Code:	HMBP
Program ID:	10280827
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	33.963190
Longitude:	-118.143950

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000,

Affiliation Type Desc:	Environmental Contact
Entity Name:	ARMANDO CHAVEZ
Entity Title:	Not reported
Affiliation Address:	7437 SCOUT AVE
Affiliation City:	BELL GARDENS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90201
Affiliation Phone:	,

RED'S CATERING (Continued) **S100272167**

Affiliation Type Desc:	Identification Signer
Entity Name:	ARMANDO CHAVEZ
Entity Title:	CEO
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	ARMANDO CHAVEZ
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(562) 928-2530,

Affiliation Type Desc:	Property Owner
Entity Name:	FRANK FLYNN
Entity Title:	Not reported
Affiliation Address:	7012 E HIDDEN DARS LN
Affiliation City:	ORANGE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92867
Affiliation Phone:	(714) 685-0661,

Affiliation Type Desc:	Document Preparer
Entity Name:	Armando Chavez
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	AC CUSTOM CATERING INC
Entity Title:	Not reported
Affiliation Address:	7437 SCOUT AVE
Affiliation City:	BELL GARDENS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90201
Affiliation Phone:	(562) 928-2530,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	7437 SCOUT AVE
Affiliation City:	BELL GARDENS
Affiliation State:	CA
Affiliation Country:	Not reported

RED'S CATERING (Continued) **S100272167**

Affiliation Zip: 90201
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: AC CUSTOM CATERING INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: RED'S CATERING
Address: 7437 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 90201
Site ID: 228061
CERS ID: T0603705301
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

---

66 **MODEL PLATING** **ENVIROSTOR** **1000477269**
WSW **6709 E. FLORENCE** **EMI** **N/A**
1/2-1 **BELL GARDENS, CA 90201** **LA Co. Site Mitigation**
0.537 mi. **WDS**
2833 ft. **CERS**

Relative:
Lower

Actual:
124 ft.

ENVIROSTOR:
Name: MODEL PLATING CO., INC.
Address: 6709 E. FLORENCE AVENUE
City,State,Zip: BELL GARDENS, CA 90201
Facility ID: 71002178
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit

MODEL PLATING (Continued) **1000477269**

Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Joseph Cully
Supervisor: Patrick Hsieh
Division Branch: Cleanup Chatsworth
Assembly: 58
Senate: 33
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.96221
Longitude: -118.1453
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD008293201
Alias Type: EPA Identification Number
Alias Name: 71002178
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: 12/24/1997
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

Name: MODEL PLATING
Address: 6709 E. FLORENCE
City,State,Zip: BELL GARDENS, CA 90201
Facility ID: 19340785
Status: Active
Status Date: 01/28/2021
Site Code: 301920
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.1
NPL: NO
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Joseph Cully
Supervisor: Patrick Hsieh

MODEL PLATING (Continued) **1000477269**

Division Branch: Cleanup Cypress
Assembly: 58
Senate: 33
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.96174
Longitude: -118.1456
APN: 6358025034
Past Use: METAL PLATING - OTHER
Potential COC: * AQUEOUS SOLUTION WITH METALS * TANK BOTTOM WASTES * AQUEOUS SOLUTION 2<PH<12.5, WITH REACTIVE ANIONS
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL, SV
Alias Name: 6358025034
Alias Type: APN
Alias Name: CAD983591066
Alias Type: CERCLIS ID
Alias Name: 301920
Alias Type: Project Code (Site Code)
Alias Name: 19340785
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: 09/24/2002
Comments: Preliminary Assessment for USEPA PA/SI grant was conducted. Further Action is needed. An SI is proposed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/10/2000
Comments: Site Screening Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date: 03/02/2015
Comments: Further action needed.

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

EMI:
Name: MODEL PLATING CO INC
Address: 6709 E FLORENCE AV

MODEL PLATING (Continued) **1000477269**

City,State,Zip:	BELL GARDENS, CA 902010000
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	12643
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	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

Name:	MODEL PLATING CO INC
Address:	6709 E FLORENCE AV
City,State,Zip:	BELL GARDENS, CA 902010000
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	12643
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
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

Name:	MODEL PLATING CO INC
Address:	6709 E FLORENCE AV
City,State,Zip:	BELL GARDENS, CA 902010000
Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	12643
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	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

MODEL PLATING (Continued) **1000477269**

Name:	MODEL PLATING CO INC
Address:	6709 E FLORENCE AVE
City,State,Zip:	BELL GARDENS, CA 902010000
Year:	1996
County Code:	19
Air Basin:	SC
Facility ID:	12643
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
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

Name:	MODEL PLATING CO INC
Address:	6709 E FLORENCE AV
City,State,Zip:	BELL GARDENS, CA 902010000
Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	12643
Air District Name:	SC
SIC Code:	3471
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:	7
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

Name:	MODEL PLATING CO INC
Address:	6709 E FLORENCE AV
City,State,Zip:	BELL GARDENS, CA 902010000
Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	12643
Air District Name:	SC
SIC Code:	3471
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:	7
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

MODEL PLATING (Continued) **1000477269**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: MODEL PLATING CO INC
Address: 6709 E FLORENCE AV
City,State,Zip: BELL GARDENS, CA 902010000
Year: 1999
County Code: 19
Air Basin: SC
Facility ID: 12643
Air District Name: SC
SIC Code: 3471
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: 7
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

Name: MODEL PLATING CO INC
Address: 6709 E FLORENCE AV
City,State,Zip: BELL GARDENS, CA 902010000
Year: 2000
County Code: 19
Air Basin: SC
Facility ID: 12643
Air District Name: SC
SIC Code: 3471
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: 7
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

Name: MODEL PLATING CO INC
Address: 6709 E FLORENCE AV
City,State,Zip: BELL GARDENS, CA 902010000
Year: 2001
County Code: 19
Air Basin: SC
Facility ID: 12643
Air District Name: SC
SIC Code: 3471
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

MODEL PLATING (Continued) **1000477269**

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

LA Co. Site Mitigation:
Name: MODEL PLATING COMPANY
Address: 6709 E FLORENCE AVE
City,State,Zip: LOS ANGELES, CA 90201
Facility ID: Not reported
Status: Not reported
Site ID: SD0000384
Jurisdiction: Not reported
Case ID: RO0001385
Abated: Yes
Assigned To: Richard Clark
Entered Date: Not reported
Abated Date: Not reported

WDS:
Name: MODEL PLATING CO
Address: 6709 EAST FLORENCE AVE
City: BELL GARDENS
Facility ID: 4 19I004302
Facility Type: Not reported
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 4
Facility Telephone: Not reported
Facility Contact: Not reported
Agency Name: MODEL PLATING CO
Agency Address: Not reported
Agency City,St,Zip: 0
Agency Contact: Not reported
Agency Telephone: Not reported
Agency Type: Not reported
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher

MODEL PLATING (Continued) **1000477269**

Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CERS:

Name:	MODEL PLATING CO INC
Address:	6709 E. FLORENCE AVE.
City,State,Zip:	BELL GARDENS, CA 90201-4923
Site ID:	481215
CERS ID:	110000474219
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	RICHARD FRATELLO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Public Contact
Entity Name:	RICHARD FRATELLO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

67
WSW
1/2-1
0.615 mi.
3245 ft.

INDUSTRIAL FORKLIFTS INC
6710 FLORENCE AVE
BELL GARDENS, CA 90201

RCRA-SQG **1000428500**
ENVIROSTOR **CAD982347841**
FINDS
ECHO

Relative:
Lower

Actual:
124 ft.

RCRA Listings:

Date Form Received by Agency:	19880209
Handler Name:	INDUSTRIAL FORKLIFTS INC
Handler Address:	6710 FLORENCE AVE
Handler City,State,Zip:	BELL GARDENS, CA 90201
EPA ID:	CAD982347841
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported

INDUSTRIAL FORKLIFTS INC (Continued) **1000428500**

EPA Region:		09
Land Type:		Other
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		3
Mailing Address:		6710 FLORENCE AVE
Mailing City,State,Zip:		BELL GARDENS, CA 90201
Owner Name:	INDUSTRIAL FURKLIFTS INC	
Owner Type:		Private
Operator Name:	NOT REQUIRED	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported

INDUSTRIAL FORKLIFTS INC (Continued) **1000428500**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: INDUSTRIAL FURKLIFTS INC	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19880209
Handler Name: INDUSTRIAL FORKLIFTS INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

INDUSTRIAL FORKLIFTS INC (Continued) **1000428500**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

ENVIROSTOR:
Name: INDUSTRIAL FORKLIFT INC.
Address: 6710 FLORENCE AVE.
City,State,Zip: BELL GARDENS, CA 90201
Facility ID: 60001740
Status: No Further Action
Status Date: 11/19/1999
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 2
NPL: NO
Regulatory Agencies: LOS ANGELES COUNTY
Lead Agency: LOS ANGELES COUNTY
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 50, 58
Senate: 33
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.96217
Longitude: -118.1461
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: NMA
Alias Name: 60001740
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/19/1999
Comments: No Further Action

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

INDUSTRIAL FORKLIFTS INC (Continued) **1000428500**

FINDS:
Registry ID: 110002798170

Click Here for FRS Facility Detail Report:

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

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000428500
Registry ID:	110002798170
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002798170
Name:	INDUSTRIAL FORKLIFTS INC
Address:	6710 FLORENCE AVE
City,State,Zip:	BELL GARDENS, CA 90201

68
SE
1/2-1
0.633 mi.
3343 ft.

Relative:
Lower

Actual:
132 ft.

GRIFFITHS MIDDLE SCHOOL **ENVIROSTOR** **S106044335**
9633 TWEEDY LANE **SCH** **N/A**
DOWNEY, CA 90240 **CHMIRS**
NPDES
CIWQS
CERS

ENVIROSTOR:

Name:	GRIFFITHS MIDDLE SCHOOL
Address:	9633 TWEEDY LANE
City,State,Zip:	DOWNEY, CA 90240
Facility ID:	19820108
Status:	Inactive - Withdrawn
Status Date:	04/24/2019
Site Code:	304675
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	9.6
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Johnson Abraham
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	58
Senate:	32
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.95872
Longitude:	-118.1288
APN:	636-000-4907

GRIFFITHS MIDDLE SCHOOL (Continued) **S106044335**

Past Use: * EDUCATIONAL SERVICES
Potential COC: Arsenic Chlordane DDD DDE DDT
Confirmed COC: Arsenic 30004-NO DDD DDE DDT
Potential Description: SOIL
Alias Name: DOWNEY UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: DOWNEY USD-GRIFFITHS MIDDLE SCHOOL
Alias Type: Alternate Name
Alias Name: GRIFFITHS MIDDLE SCHOOL
Alias Type: Alternate Name
Alias Name: North Middle School
Alias Type: Alternate Name
Alias Name: 636-000-4907
Alias Type: APN
Alias Name: 110002775346
Alias Type: EPA (FRS #)
Alias Name: 304433
Alias Type: Project Code (Site Code)
Alias Name: 304675
Alias Type: Project Code (Site Code)
Alias Name: 19820108
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/11/2005
Comments: Further action necessary for high arsenic.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 12/24/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/16/2007
Comments: CRU complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 11/13/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/22/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Agreement Terminated Notification
Completed Date: 04/24/2019

GRIFFITHS MIDDLE SCHOOL (Continued) **S106044335**

Comments:	DTSC terminated further proceeding with the EOA.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	03/11/2019
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	11/19/2018
Comments:	DTSC determined that a PEA is requred.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement Application
Completed Date:	11/28/2018
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:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	GRIFFITHS MIDDLE SCHOOL
Address:	9633 TWEEDY LANE
City,State,Zip:	DOWNEY, CA 90240
Facility ID:	19820108
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	9.6
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:	304675
Assembly:	58
Senate:	32
Special Program Status:	Not reported
Status:	Inactive - Withdrawn
Status Date:	04/24/2019
Restricted Use:	NO
Funding:	School District
Latitude:	33.95872
Longitude:	-118.1288

GRIFFITHS MIDDLE SCHOOL (Continued) **S106044335**

APN:	636-000-4907
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	Arsenic, Chlordane, DDD, DDE, DDT
Confirmed COC:	Arsenic, 30004-NO, DDD, DDE, DDT
Potential Description:	SOIL
Alias Name:	DOWNEY UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	DOWNEY USD-GRIFFITHS MIDDLE SCHOOL
Alias Type:	Alternate Name
Alias Name:	GRIFFITHS MIDDLE SCHOOL
Alias Type:	Alternate Name
Alias Name:	North Middle School
Alias Type:	Alternate Name
Alias Name:	636-000-4907
Alias Type:	APN
Alias Name:	110002775346
Alias Type:	EPA (FRS #)
Alias Name:	304433
Alias Type:	Project Code (Site Code)
Alias Name:	304675
Alias Type:	Project Code (Site Code)
Alias Name:	19820108
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	10/11/2005
Comments:	Further action necessary for high arsenic.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	12/24/2003
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	04/16/2007
Comments:	CRU complete.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	11/13/2003
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	12/22/2003
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Agreement Terminated Notification

GRIFFITHS MIDDLE SCHOOL (Continued) **S106044335**

Completed Date: 04/24/2019
Comments: DTSC terminated further proceeding with the EOA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 03/11/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 11/19/2018
Comments: DTSC determined that a PEA is requred.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement Application
Completed Date: 11/28/2018
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: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CHMIRS:
Name: Not reported
Address: 9633 TWEEDY LANE
City,State,Zip: DOWNEY, CA 90240
OES Incident Number: 21-0897
OES notification: 02/17/2021
OES Date: Not reported
OES Time: Not reported
Date Completed: **Not reported**
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported

GRIFFITHS MIDDLE SCHOOL (Continued) **S106044335**

Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Residence
Cleanup By:	Unrecoverable
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	VAPOR
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1102
Year:	2021
Agency:	SoCal Gas
Incident Date:	02/17/2021
Admin Agency:	Downey Fire Department
Amount:	Not reported
Contained:	Stopped,Not contained
Site Type:	Not reported
E Date:	Not reported
Substance:	Natural Gas
Quantity Released:	Unknown
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	10
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	Yes
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	RP states a 3rd party contractor was digging with a shovel and damaged a 2 inch plastic service line. Has been stopped at 1220 hours but not contained with no waterways impacted. Evacuation will be lifted 1245 hours.

NPDES:

Name:	GRIFFITH MIDDLE SCHOOL MODERNIZATION
Address:	9633 TWEEDY LANE
City,State,Zip:	DOWNEY, CA 90240
Facility Status:	Active

GRIFFITHS MIDDLE SCHOOL (Continued) **S106044335**

NPDES Number:	CAS000002
Region:	4
Agency Number:	0
Regulatory Measure ID:	511560
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	4 19C387939
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/30/2019
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	11627 Brookshire Ave
Discharge Name:	Downey Unified School District
Discharge City:	Downey
Discharge State:	California
Discharge Zip:	90241
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

Name:	GRIFFITH MIDDLE SCHOOL MODERNIZATION
Address:	9633 TWEEDY LANE
City,State,Zip:	DOWNEY, CA 90240
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 19C387939
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	08/30/2019
Operator Name:	Downey Unified School District
Operator Address:	11627 Brookshire Ave
Operator City:	Downey
Operator State:	California
Operator Zip:	90241

GRIFFITHS MIDDLE SCHOOL (Continued) **S106044335**

CIWQS:

Name:	GRIFFITH MIDDLE SCHOOL MODERNIZATION
Address:	9633 TWEEDY LANE
City,State,Zip:	DOWNEY, CA 90240
Agency:	Downey Unified School District
Agency Address:	11627 Brookshire Ave, Downey, CA 90241
Place/Project Type:	Construction - Other: School
SIC/NAICS:	Not reported
Region:	4
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	4 19C387939
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	08/30/2019
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.958705
Longitude:	-118.128884

CERS:

Name:	GRIFFITH MIDDLE SCHOOL MODERNIZATION
Address:	9633 TWEEDY LANE
City,State,Zip:	DOWNEY, CA 90240
Site ID:	556353
CERS ID:	874750
CERS Description:	Construction Storm Water

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-05-2020
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	BMPs require repair and minor housekeeping issues observed. Requested documentation provided 1/8/2021.
Eval Division:	Water Boards
Eval Program:	CONSTW
Eval Source:	SMARTS,

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Downey Unified School District
Entity Title:	Operator
Affiliation Address:	11627 Brookshire Ave
Affiliation City:	Downey
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90241

GRIFFITHS MIDDLE SCHOOL (Continued) **S106044335**

Affiliation Phone: ,

Name: GRIFFITHS MIDDLE SCH
Address: 9633 TWEEDY LANE
City,State,Zip: DOWNEY, CA 90240
Site ID: 607684
CERS ID: 19820108
CERS Description: School Investigation

Affiliation:
Affiliation Type Desc: Lead Project Manager
Entity Name: Johnson Abraham
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Supervisor
Entity Name: Shahir Haddad
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

---

69 **TURGEON J P & SONS' INC** **RCRA-SQG** **1000140859**
WSW **7758 SCOUT ST** **ENVIROSTOR** **CAD008359523**
1/2-1 **BELL GARDENS, CA 90201** **NPDES**
0.741 mi. **CIWQS**
3913 ft. **CERS**

Relative:
Lower

Actual:
119 ft.

RCRA Listings:
Date Form Received by Agency: 19960901
Handler Name: TURGEON J P & SONS' INC
Handler Address: 7758 SCOUT ST
Handler City,State,Zip: BELL GARDENS, CA 90201
EPA ID: CAD008359523
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities

TURGEON J P & SONS' INC (Continued) **1000140859**

State District Owner:		CA
State District:		3
Mailing Address:		7758 SCOUT ST
Mailing City,State,Zip:		BELL GARDENS, CA 90201
Owner Name:	Not reported	
Owner Type:		Not reported
Operator Name:	NOT REQUIRED	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20020917
Recognized Trader-Importer:		No

TURGEON J P & SONS' INC (Continued) **1000140859**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: J P TURGEON & SONS' INC	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name: TURGEON J P & SONS' INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19821019
Handler Name: TURGEON J P & SONS' INC	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

TURGEON J P & SONS' INC (Continued) **1000140859**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332813
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20000315
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: VGARC
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported

TURGEON J P & SONS' INC (Continued) **1000140859**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ENVIROSTOR:

Name:	JP TURGEON & SON INC
Address:	7758 SCOUT AVENUE
City,State,Zip:	BELL GARDENS, CA 90201
Facility ID:	60001531
Status:	Refer: Local Agency
Status Date:	06/27/2013
Site Code:	301539
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	1
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Cleanup Chatsworth
Assembly:	58
Senate:	33
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	33.96060
Longitude:	-118.1480
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	301539
Alias Type:	Project Code (Site Code)
Alias Name:	60001531
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	PA/SI Site Screening
Completed Date:	05/15/2012
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

TURGEON J P & SONS' INC (Continued) **1000140859**

NPDES:

Name:	J P TURGEON SONS
Address:	7758 SCOUT AVE
City,State,Zip:	BELL GARDENS, CA 90201
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 19I004413
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	04/06/1992
Operator Name:	JP Turgeon Sons
Operator Address:	7758 Scout Ave
Operator City:	Bell Gardens
Operator State:	California
Operator Zip:	90201

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	189364
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I004413
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/06/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	JP Turgeon Sons
Discharge Address:	7758 Scout Ave
Discharge City:	Bell Gardens
Discharge State:	California
Discharge Zip:	90201
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported

TURGEON J P & SONS' INC (Continued) **1000140859**

Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	189364
Order Number:	Not reported

TURGEON J P & SONS' INC (Continued) **1000140859**

Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I004413
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	04/06/1992
Status:	Active
Status Date:	04/06/1992
Place Size:	21400
Place Size Unit:	SqFt
Contact:	Joseph Turgeon III
Contact Title:	Supervisor
Contact Phone:	3237733105
Contact Phone Ext:	Not reported
Contact Email:	jpturgeon_sons@yahoo.com
Operator Name:	JP Turgeon Sons
Operator Address:	7758 Scout Ave
Operator City:	Bell Gardens
Operator State:	California
Operator Zip:	90201
Operator Contact:	Doug Turgeon
Operator Contact Title:	Environmental Manager
Operator Contact Phone:	323-773-3105
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	jpturgeon_sons@yahoo.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	323-773-3105
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported

TURGEON J P & SONS' INC (Continued) **1000140859**

Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Rio Hondo River
Certifier:	charles turgeon
Certifier Title:	PRESIDENT
Certification Date:	24-JUN-15
Primary Sic:	3471-Electroplating, Plating, Polishing, Anodizing, and Coloring
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	J P TURGEON SONS
Address:	7758 SCOUT AVE
City,State,Zip:	BELL GARDENS, CA 90201
Facility Status:	Active
NPDES Number:	CAS000001
Region:	4
Agency Number:	0
Regulatory Measure ID:	189364
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	4 19I004413
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/06/1992
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	7758 Scout Ave
Discharge Name:	JP Turgeon Sons
Discharge City:	Bell Gardens
Discharge State:	California
Discharge Zip:	90201
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	189364
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I004413
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/06/1992
Expiration Date Of Regulatory Measure:	Not reported

TURGEON J P & SONS' INC (Continued) **1000140859**

Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	JP Turgeon Sons
Discharge Address:	7758 Scout Ave
Discharge City:	Bell Gardens
Discharge State:	California
Discharge Zip:	90201
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported

TURGEON J P & SONS' INC (Continued) **1000140859**

Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	189364
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I004413
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	04/06/1992
Status:	Active
Status Date:	04/06/1992
Place Size:	21400
Place Size Unit:	SqFt
Contact:	Joseph Turgeon III
Contact Title:	Supervisor
Contact Phone:	3237733105
Contact Phone Ext:	Not reported
Contact Email:	jpturgeon_sons@yahoo.com
Operator Name:	JP Turgeon Sons
Operator Address:	7758 Scout Ave
Operator City:	Bell Gardens
Operator State:	California
Operator Zip:	90201
Operator Contact:	Doug Turgeon
Operator Contact Title:	Environmental Manager
Operator Contact Phone:	323-773-3105
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	jpturgeon_sons@yahoo.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	323-773-3105
Emergency Phone Ext:	Not reported

TURGEON J P & SONS' INC (Continued) **1000140859**

Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Rio Hondo River
Certifier:	charles turgeon
Certifier Title:	PRESIDENT
Certification Date:	24-JUN-15
Primary Sic:	3471-Electroplating, Plating, Polishing, Anodizing, and Coloring
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	J P TURGEON SONS
Address:	7758 SCOUT AVE
City,State,Zip:	BELL GARDENS, CA 90201
Agency:	JP Turgeon Sons
Agency Address:	7758 Scout Ave, Bell Gardens, CA 90201
Place/Project Type:	Industrial - Electroplating, Plating, Polishing, Anodizing, and Coloring
SIC/NAICS:	3471
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 19I004413
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	04/06/1992
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	1
Violations within 5 years:	1
Latitude:	33.96067
Longitude:	-118.14774

CERS:

TURGEON J P & SONS' INC (Continued) **1000140859**

Name: J P TURGEON SONS
Address: 7758 SCOUT AVE
City,State,Zip: BELL GARDENS, CA 90201
Site ID: 534534
CERS ID: 234087
CERS Description: Industrial Facility Storm Water

Violations:
Site ID: 534534
Site Name: J P Turgeon Sons
Violation Date: 07-01-2016
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient Report
Violation Notes: Failure to collect storm water samples
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 534534
Site Name: J P Turgeon Sons
Violation Date: 07-01-2011
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: Outstanding 2010-2011 AR
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 534534
Site Name: J P Turgeon Sons
Violation Date: 11-06-2020
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: NNC for 2019-2020 Annual Report
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-12-2001
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS,

Enforcement Action:
Site ID: 534534
Site Name: J P Turgeon Sons
Site Address: 7758 SCOUT AVE
Site City: BELL GARDENS
Site Zip: 90201
Enf Action Date: 05-08-2017
Enf Action Type: Notice of Violation
Enf Action Description: Notice of Violation

TURGEON J P & SONS' INC (Continued) **1000140859**

Enf Action Notes:	NOV for failure to collect stormwater samples
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,
Site ID:	534534
Site Name:	J P Turgeon Sons
Site Address:	7758 SCOUT AVE
Site City:	BELL GARDENS
Site Zip:	90201
Enf Action Date:	08-10-2012
Enf Action Type:	Industrial Storm Water Enforcement
Enf Action Description:	Industrial Storm Water Enforcement
Enf Action Notes:	Submit 2010-2011 AR
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,
Site ID:	534534
Site Name:	J P Turgeon Sons
Site Address:	7758 SCOUT AVE
Site City:	BELL GARDENS
Site Zip:	90201
Enf Action Date:	11-06-2020
Enf Action Type:	Industrial Storm Water Enforcement
Enf Action Description:	Industrial Storm Water Enforcement
Enf Action Notes:	Ordered to submit 2019-2020 Annual Report
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	JP Turgeon Sons
Entity Title:	Operator
Affiliation Address:	7758 Scout Ave
Affiliation City:	Bell Gardens
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90201
Affiliation Phone:	,

70
NE
1/2-1
0.754 mi.
3980 ft.

TOMADUR ENGINE COMPANY **ENVIROSTOR** **S106843367**
7171 WATCHER ST **LA Co. Site Mitigation** **N/A**
COMMERCE, CA 90040

Relative:
Higher

Actual:
153 ft.

ENVIROSTOR:

Name:	TOMADOUR ENGINE COMPANY(FORMER)
Address:	7171 WATCHER ST.
City,State,Zip:	COMMERCE, CA 90040
Facility ID:	19350474
Status:	Refer: 1248 Local Agency
Status Date:	07/25/2003
Site Code:	Not reported

TOMADUR ENGINE COMPANY (Continued) **S106843367**

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: 58
Senate: 32
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not Applicable
Latitude: 33.97514
Longitude: -118.1286
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 19350474
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

LA Co. Site Mitigation:
Name: TOMADUR ENGINE COMPANY
Address: 7171 WATCHER ST
City,State,Zip: COMMERCE, CA 90040
Facility ID: Not reported
Status: Not reported
Site ID: SD0000058
Jurisdiction: County
Case ID: RO0000053
Abated: Yes
Assigned To: Kim Clark
Entered Date: 07/30/2003
Abated Date: 07/18/2012

71 NW 1/2-1 0.778 mi. 4108 ft.

LAGUNA NUEVA ELEMENTARY SCHOOL
6360 GARFIELD AVENUE
COMMERCE, CA 90040

ENVIROSTOR SCH DEED

S105754244 N/A

Relative: Lower

Actual: 135 ft.

ENVIROSTOR:

Name:	LAGUNA NUEVA ELEMENTARY SCHOOL
Address:	6360 GARFIELD AVENUE
City,State,Zip:	COMMERCE, CA 90040
Facility ID:	19890013
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	08/21/2012
Site Code:	304179
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	14.67
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Johnson Abraham
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	58
Senate:	32
Special Program:	Not reported
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.97558
Longitude:	-118.1457
APN:	NONE SPECIFIED
Past Use:	LANDFILL - DOMESTIC
Potential COC:	TPH-diesel Arsenic Lead
Confirmed COC:	NONE SPECIFIED
Potential Description:	IA, SOIL, SV
Alias Name:	LAGUNA NUEVA ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	MONTEBELLO UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	MONTEBELLO USD/LAGUNA NUEVA ES EXP/VCA
Alias Type:	Alternate Name
Alias Name:	110033607531
Alias Type:	EPA (FRS #)
Alias Name:	304179
Alias Type:	Project Code (Site Code)
Alias Name:	19890013
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	11/17/2006
Comments:	DTSC issued comments on the Quartely monitoring report that should be addressed in the next submittal.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan

LAGUNA NUEVA ELEMENTARY SCHOOL (Continued) **S105754244**

Completed Date: 12/02/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 01/04/2007
Comments: Conditionnaly approved the TM report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/04/2007
Comments: DTSC submitted condtional approval on the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/31/2007
Comments: Cost estimate for continuing oversight of the Laguna Nueva Elem. School for extended borrow pit area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 06/06/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 06/29/2007
Comments: DTSC approved report provided DTSC comments are incorporated in future work/reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/08/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/07/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/25/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/07/2010

LAGUNA NUEVA ELEMENTARY SCHOOL (Continued) **S105754244**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 04/13/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/08/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/28/2017
Comments: Concurred with a comment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 02/10/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 09/09/2011
Comments: Fully executed O&M Agreement received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 09/13/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 04/25/2002
Comments: Additional soil matrix and vapor well monitoring

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/10/2002
Comments: Methane mitigation necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 04/06/2004
Comments: approved the First FS version a second version was submitted to DTSC

Completed Area Name: PROJECT WIDE

LAGUNA NUEVA ELEMENTARY SCHOOL (Continued) **S105754244**

Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 11/22/2005
Comments: Additional alternative considered - Institutional Control, Lnadscape relocation, Pasive Protections systems, Monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/07/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 02/13/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/01/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/10/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/21/2009
Comments: DTSC received the methane detetction alarm testing report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/25/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/09/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/30/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption

LAGUNA NUEVA ELEMENTARY SCHOOL (Continued) **S105754244**

Completed Date: 12/30/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 12/15/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 05/12/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/16/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/08/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 08/19/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/22/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 03/30/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/20/2004
Comments: Not reported

LAGUNA NUEVA ELEMENTARY SCHOOL (Continued) **S105754244**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/24/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/30/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/04/2000
Comments: Not reported

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: Supplemental Site Investigation Workplan
Completed Date: 07/03/2001
Comments: Vapor monitoring probes

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 06/27/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/03/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/19/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 12/21/2020
Comments: DTSC approved the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports

LAGUNA NUEVA ELEMENTARY SCHOOL (Continued) **S105754244**

Completed Date: 05/14/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/27/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2016
Comments: Annual Cost Estimate Letter sent to District, via email and regular mail, on 9/28/16.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 04/08/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 12/30/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/08/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/08/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/10/2008
Comments: Approval of Quarterly Vapor Well Monitoring Report, Third Quarter of 2007

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/15/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/15/2008

LAGUNA NUEVA ELEMENTARY SCHOOL (Continued) **S105754244**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/30/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
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: 06/18/2013
Comments: DTSC concurs with Report (Dec 2012 RAW Compliance & 3-Yr Review) recommendations w/ the exception of eliminating hydrogen sulfide as part of the analytical testing; Conditional Approval letter completed.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 04/13/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/19/2012
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:

Name: LAGUNA NUEVA ELEMENTARY SCHOOL
Address: 6360 GARFIELD AVENUE
City,State,Zip: COMMERCE, CA 90040
Facility ID: 19890013
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 14.67
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP

LAGUNA NUEVA ELEMENTARY SCHOOL (Continued) **S105754244**

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:	304179
Assembly:	58
Senate:	32
Special Program Status:	Not reported
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	08/21/2012
Restricted Use:	YES
Funding:	School District
Latitude:	33.97558
Longitude:	-118.1457
APN:	NONE SPECIFIED
Past Use:	LANDFILL - DOMESTIC
Potential COC:	TPH-diesel, TPH-diesel, Arsenic, Lead
Confirmed COC:	NONE SPECIFIED
Potential Description:	IA, SOIL, SV
Alias Name:	LAGUNA NUEVA ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	MONTEBELLO UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	MONTEBELLO USD/LAGUNA NUEVA ES EXP/VCA
Alias Type:	Alternate Name
Alias Name:	110033607531
Alias Type:	EPA (FRS #)
Alias Name:	304179
Alias Type:	Project Code (Site Code)
Alias Name:	19890013
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	11/17/2006
Comments:	DTSC issued comments on the Quartely monitoring report that should be addressed in the next submittal.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	12/02/2008
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Tech Memo
Completed Date:	01/04/2007
Comments:	Conditionnaly approved the TM report
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	05/04/2007
Comments:	DTSC submitted condtional approval on the report.

LAGUNA NUEVA ELEMENTARY SCHOOL (Continued) **S105754244**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/31/2007
Comments: Cost estimate for continuing oversight of the Laguna Nueva Elem. School for extended borrow pit area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 06/06/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 06/29/2007
Comments: DTSC approved report provided DTSC comments are incorporated in future work/reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/08/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/07/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/25/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/07/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 04/13/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/08/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE

LAGUNA NUEVA ELEMENTARY SCHOOL (Continued) **S105754244**

Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/28/2017
Comments: Concurred with a comment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 02/10/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 09/09/2011
Comments: Fully executed O&M Agreement received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 09/13/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 04/25/2002
Comments: Additional soil matrix and vapor well monitoring

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/10/2002
Comments: Methane mitigation necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 04/06/2004
Comments: approved the First FS version a second version was submitted to DTSC

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 11/22/2005
Comments: Additional alternative considered - Institutional Control, Lnadscape relocation, Pasive Protections systems, Monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/07/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan

LAGUNA NUEVA ELEMENTARY SCHOOL (Continued) **S105754244**

Completed Date: 02/13/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/01/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/10/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/21/2009
Comments: DTSC received the methane detetction alarm testing report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/25/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/09/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/30/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 12/30/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 12/15/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: Not reported

LAGUNA NUEVA ELEMENTARY SCHOOL (Continued) **S105754244**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 05/12/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/16/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/08/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 08/19/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/22/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 03/30/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/20/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/24/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/30/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)

LAGUNA NUEVA ELEMENTARY SCHOOL (Continued) **S105754244**

Completed Date: 10/04/2000
Comments: Not reported

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: Supplemental Site Investigation Workplan
Completed Date: 07/03/2001
Comments: Vapor monitoring probes

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 06/27/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/03/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/19/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 12/21/2020
Comments: DTSC approved the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 05/14/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/27/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2016
Comments: Annual Cost Estimate Letter sent to District, via email and regular mail, on 9/28/16.

LAGUNA NUEVA ELEMENTARY SCHOOL (Continued) **S105754244**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 04/08/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 12/30/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/08/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/08/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/10/2008
Comments: Approval of Quarterly Vapor Well Monitoring Report, Third Quarter of 2007

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/15/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/15/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/30/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/21/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

LAGUNA NUEVA ELEMENTARY SCHOOL (Continued) **S105754244**

Completed Document Type: Other Report
Completed Date: 06/18/2013
Comments: DTSC concurs with Report (Dec 2012 RAW Compliance & 3-Yr Review) recommendations w/ the exception of eliminating hydrogen sulfide as part of the analytical testing; Conditional Approval letter completed.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 04/13/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/19/2012
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

DEED:
Name: LAGUNA NUEVA ELEMENTARY SCHOOL
Address: 6360 GARFIELD AVENUE
City,State,Zip: COMMERCE, CA 90040
Envirostor ID: 19890013
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: SCHOOL CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

72
WSW
1/2-1
0.794 mi.
4192 ft.

GOLDEN OIL TRUCK SUPPLY
6501 CLARA STREET
BELL GARDENS, CA 90201

ENVIROSTOR **S112057201**
N/A

Relative:
Lower

Actual:
121 ft.

ENVIROSTOR:
Name: GOLDEN OIL TRUCK SUPPLY
Address: 6501 CLARA STREET
City,State,Zip: BELL GARDENS, CA 90201
Facility ID: 60001732
Status: Refer: Other Agency
Status Date: 01/10/2000
Site Code: Not reported

GOLDEN OIL TRUCK SUPPLY (Continued) **S112057201**

Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0
NPL:	NO
Regulatory Agencies:	LOS ANGELES COUNTY
Lead Agency:	LOS ANGELES COUNTY
Program Manager:	Joseph Cully
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	50, 58
Senate:	33
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	33.96212
Longitude:	-118.1499
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	Lead
Confirmed COC:	Lead
Potential Description:	NONE SPECIFIED
Alias Name:	CAN000905717
Alias Type:	EPA Identification Number
Alias Name:	60001732
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	PA/SI Reassessment
Completed Date:	10/01/2014
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	01/10/2000
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

73
North
1/2-1
0.799 mi.
4220 ft.

MARTIN SPROKET & GEAR/GUFI INV
5920 S TRIANGLE DR
COMMERCE, CA 90040

ENVIROSTOR **S106843336**
LA Co. Site Mitigation **N/A**

Relative:
Higher

Actual:
155 ft.

ENVIROSTOR:

Name:	MARTIN SPROCKET & GEAR/GUFI
Address:	5920 S. TRIANGLE DR.
City,State,Zip:	COMMERCE, CA 90040
Facility ID:	19350475
Status:	Refer: 1248 Local Agency
Status Date:	04/24/2000
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0
NPL:	NO
Regulatory Agencies:	LOS ANGELES COUNTY
Lead Agency:	LOS ANGELES COUNTY
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Cypress
Assembly:	58
Senate:	32
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not Applicable
Latitude:	33.97777
Longitude:	-118.1359
APN:	6356167
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	6356167
Alias Type:	APN
Alias Name:	19350475
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:	04/19/2000
Comments:	DTSC is not involved with this project.
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

LA Co. Site Mitigation:

MARTIN SPROKET & GEAR/GUFI INV (Continued) **S106843336**

Name: MARTIN SPROKET & GEAR/GUFI INV
Address: 5920 S TRIANGLE DR
City,State,Zip: COMMERCE, CA 90040
Facility ID: FA0026541
Status: Not reported
Site ID: SD0010004
Jurisdiction: Not reported
Case ID: RO0010004
Abated: Yes
Assigned To: Don Thompson
Entered Date: Not reported
Abated Date: 08/30/2000

74
West
1/2-1
0.813 mi.
4295 ft.

USA & RAFAEL CLEANERS
7125 GARFIELD AVE #A
BELL GARDENS, CA 90201

ENVIROSTOR **S106834557**
DRYCLEANERS **N/A**
EMI
LOS ANGELES CO. HMS
HWTS

Relative:
Lower

Actual:
123 ft.

ENVIROSTOR:
Name: USA & RAFAEL CLEANERS
Address: 7125 GARFIELD AVE STE A
City,State,Zip: BELL GARDENS, CA 90201
Facility ID: 60003301
Status: Active
Status Date: 04/01/2022
Site Code: 308007
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.39
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Edlyn Nunez
Supervisor: Marissa Cozette
Division Branch: CVCI Discovery and Enforcement
Assembly: , 58
Senate: , 33
Special Program: CVCI - Discovery and Enforcement
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: CVCI 2021
Latitude: 33.96682
Longitude: -118.1514
APN: 6329016032
Past Use: DRY CLEANING
Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride
1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans
Confirmed COC: 30022-NO 30027-NO 30028-NO 30195-NO 30196-NO
Potential Description: NONE SPECIFIED
Alias Name: 6329016032
Alias Type: APN
Alias Name: 308007
Alias Type: Project Code (Site Code)
Alias Name: 60003301
Alias Type: Envirostor ID Number

Completed Info:

USA & RAFAEL CLEANERS (Continued) **S106834557**

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: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Phase 1
Schedule Due Date: 10/31/2022
Schedule Revised Date: Not reported

DRYCLEANERS:
Name: USA CLEANERS & LAUNDRY
Address: 7125 GARFIELD AVE STE A
City,State,Zip: BELL GARDENS, CA 90201
EPA Id: CAL000405176
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 03/12/2015
Facility Active: No
Inactive Date: 06/30/2016
Facility Addr2: Not reported
Owner Name: ADOLFO RODRIGUEZ
Owner Address: 5910 S VAN NESS AVE
Owner Address 2: Not reported
Owner Telephone: 5624851286
Contact Name: JUAN RODRIGUEZ
Contact Address: 7125 GARFIELD AVE STE A
Contact Address 2: Not reported
Contact Telephone: 3234242910
Contact Fax: Not reported
Mailing Name: Not reported
Mailing Address 1: 7125 GARFIELD AVE STE A
Mailing Address 2: Not reported
Mailing City: BELL GARDENS
Mailing State: CA
Mailing Zip: 90201
Owner Fax: Not reported
Region Code: 3
Latitude: 0
Longitude: 0

Name: USA & RAFAEL CLEANERS
Address: 7125 GARFIELD AVE STE A
City,State,Zip: BELL GARDENS, CA 90201
EPA Id: CAL000433056
NAICS Code: 812320
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial

USA & RAFAEL CLEANERS (Continued) **S106834557**

Create Date:	01/05/2018
Facility Active:	No
Inactive Date:	06/30/2020
Facility Addr2:	Not reported
Owner Name:	RAFAEL RODRIGUEZ PRADO
Owner Address:	5910 S VAN NESS AVE
Owner Address 2:	Not reported
Owner Telephone:	5629279788
Contact Name:	RAFAEL RODRIGUEZ PRADO
Contact Address:	5910 S VAN NESS
Contact Address 2:	Not reported
Contact Telephone:	5629279788
Contact Fax:	Not reported
Mailing Name:	Not reported
Mailing Address 1:	7125 GARFIELD AVE STE A
Mailing Address 2:	Not reported
Mailing City:	BELL GARDENS
Mailing State:	CA
Mailing Zip:	90201
Owner Fax:	Not reported
Region Code:	3
Latitude:	0
Longitude:	0

Name:	NATIONAL CLEANERS
Address:	7125 GARFIELD AVE
City,State,Zip:	BELL GARDENS, CA 90201
EPA Id:	CAL000309252
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	07/19/2006
Facility Active:	No
Inactive Date:	06/30/2008
Facility Addr2:	Not reported
Owner Name:	RAFAEL RODRIGUEZ
Owner Address:	7125 GARFIELD AVE #A
Owner Address 2:	Not reported
Owner Telephone:	5629279798
Contact Name:	RAFAEL RODRIGUEZ
Contact Address:	7125 GARFIELD AVE
Contact Address 2:	Not reported
Contact Telephone:	5629279798
Contact Fax:	Not reported
Mailing Name:	Not reported
Mailing Address 1:	7125 GARFIELD AVE
Mailing Address 2:	Not reported
Mailing City:	BELL GARDENS
Mailing State:	CA
Mailing Zip:	90201
Owner Fax:	Not reported
Region Code:	3
Latitude:	33.967158
Longitude:	-118.15086

Name:	USA CLEANERS

USA & RAFAEL CLEANERS (Continued) **S106834557**

Address:	7125 GARFIELD AVE STE A
City,State,Zip:	BELL GARDENS, CA 902013262
EPA Id:	CAL000330098
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	02/26/2008
Facility Active:	No
Inactive Date:	06/30/2008
Facility Addr2:	Not reported
Owner Name:	ADOLFO RODRIGUEZ
Owner Address:	7125 GARFIELD AVE STE A
Owner Address 2:	Not reported
Owner Telephone:	5629279798
Contact Name:	RAFAEL RODRIGUEZ
Contact Address:	7125 GARFIELD AVE STE A
Contact Address 2:	Not reported
Contact Telephone:	3106124694
Contact Fax:	Not reported
Mailing Name:	Not reported
Mailing Address 1:	7125 GARFIELD AVE STE A
Mailing Address 2:	Not reported
Mailing City:	BELL GARDENS
Mailing State:	CA
Mailing Zip:	902013262
Owner Fax:	Not reported
Region Code:	3
Latitude:	33.967158
Longitude:	-118.15086

DRYCLEAN SOUTH COAST:

Name:	NATIONAL CLEANERS, ADOLFO RODRIGUEZ
Address:	7125 GARFIELD AVE
City,State,Zip:	BELL GARDENS, CA 90201
Facility ID:	149354
Application Number:	460588
Permit Number:	F85398
Status:	S
Representative Name:	ADOLFO RODRIGUEZ
Representative Telephone:	562 9279798
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:	393.67999268
UTM North:	3758.9099121
Application Date:	09/26/2006
PO Issue Date:	11/15/2006
NAICS Code:	812320
SIC Code:	7216

Name:	NATIONAL CLEANERS, ADOLFO RODRIGUEZ
Address:	7125 GARFIELD AVE
City,State,Zip:	BELL GARDENS, CA 90201
Facility ID:	149354

USA & RAFAEL CLEANERS (Continued) **S106834557**

Application Number:	467732
Permit Number:	F89503
Status:	S
Representative Name:	ADOLFO RODRIGUEZ
Representative Telephone:	562 9279798
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:	393.67999268
UTM North:	3758.9099121
Application Date:	04/13/2007
PO Issue Date:	05/08/2007
NAICS Code:	812320
SIC Code:	7216

Name:	NATIONAL CLEANERS, ADOLFO RODRIGUEZ
Address:	7125 GARFIELD AVE
City,State,Zip:	BELL GARDENS, CA 90201
Facility ID:	149354
Application Number:	586606
Permit Number:	G41868
Status:	S
Representative Name:	ADOLFO RODRIGUEZ
Representative Telephone:	562 9279798
Permit Status:	INACTIVE
BCAT Number:	000233
BCAT Description:	DRY CLEANING EQUIP PETROLEUM SOLVENT
CCAT Number:	Not reported
CCAT Description:	Not reported
UTM East:	393.67999268
UTM North:	3758.9099121
Application Date:	06/15/2016
PO Issue Date:	07/21/2016
NAICS Code:	812320
SIC Code:	7216

EMI:

Name:	LISA & CO INC
Address:	7125 GARFIELD AVE
City,State,Zip:	BELL GARDENS, CA 90201
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	39825
Air District Name:	SC
SIC Code:	7216
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

USA & RAFAEL CLEANERS (Continued) **S106834557**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name:	LISA & CORP, NATIONAL CLEANERS
Address:	7125 GARFIELD AV
City,State,Zip:	BELL GARDENS, CA 90201
Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	39825
Air District Name:	SC
SIC Code:	7216
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

LOS ANGELES CO. HMS:

Name:	USA & RAFAEL CLEANERS
Address:	7125 GARFIELD AVE #A
City,State,Zip:	BELL GARDENS, CA 902013262
Region:	LA
Permit Category:	I
Facility Id:	005066-063554
Facility Type:	01
Facility Status:	Permit
Area:	3Y
Permit Number:	000878865
Permit Status:	Permit

HWTS:

Name:	USA CLEANERS & LAUNDRY
Address:	7125 GARFIELD AVE STE A
Address 2:	Not reported
City,State,Zip:	BELL GARDENS, CA 90201
EPA ID:	CAL000405176
Inactive Date:	06/30/2016
Create Date:	03/12/2015
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	7125 GARFIELD AVE STE A
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BELL GARDENS, CA 90201
Owner Name:	ADOLFO RODRIGUEZ
Owner Address:	5910 S VAN NESS AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	LOS ANGELES, CA 90047
Contact Name:	JUAN RODRIGUEZ
Contact Address:	7125 GARFIELD AVE STE A
Contact Address 2:	Not reported
City,State,Zip:	BELL GARDENS, CA 90201

USA & RAFAEL CLEANERS (Continued) **S106834557**

Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 33.96708
Longitude: -118.1511675

NAICS:
EPA ID: CAL000405176
Create Date: 2015-03-12 14:53:49.293
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date: 2015-03-12 14:53:49.28700
Inactive Date: 2016-06-30 00:00:00
Facility Name: USA CLEANERS & LAUNDRY
Facility Address: 7125 GARFIELD AVE STE A
Facility Address 2: Not reported
Facility City: BELL GARDENS
Facility County: Not reported
Facility State: CA
Facility Zip: 90201

Name: USA & RAFAEL CLEANERS
Address: 7125 GARFIELD AVE STE A
Address 2: Not reported
City,State,Zip: BELL GARDENS, CA 90201
EPA ID: CAL000433056
Inactive Date: 06/30/2020
Create Date: 01/05/2018
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 7125 GARFIELD AVE STE A
Mailing Address 2: Not reported
Mailing City,State,Zip: BELL GARDENS, CA 90201
Owner Name: RAFAEL RODRIGUEZ PRADO
Owner Address: 5910 S VAN NESS AVE
Owner Address 2: Not reported
Owner City,State,Zip: LOS ANGELES, CA 90047
Contact Name: RAFAEL RODRIGUEZ PRADO
Contact Address: 5910 S VAN NESS
Contact Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 90047
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 33.96708
Longitude: -118.1511675

NAICS:
EPA ID: CAL000433056
Create Date: 2018-01-05 11:40:16.847
NAICS Code: 812320
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date: 2018-01-05 11:40:16.83300
Inactive Date: 2020-06-30 00:00:00
Facility Name: USA & RAFAEL CLEANERS
Facility Address: 7125 GARFIELD AVE STE A
Facility Address 2: Not reported

USA & RAFAEL CLEANERS (Continued) **S106834557**

Facility City: BELL GARDENS
Facility County: Not reported
Facility State: CA
Facility Zip: 90201

EPA ID: CAL000433056
Create Date: 2018-01-05 11:40:16.847
NAICS Code: 812320
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date: 2018-01-05 11:40:16.83300
Inactive Date: 2020-06-30 00:00:00
Facility Name: USA & RAFAEL CLEANERS
Facility Address: 7125 GARFIELD AVE STE A
Facility Address 2: Not reported
Facility City: BELL GARDENS
Facility County: Not reported
Facility State: CA
Facility Zip: 90201

Name: USA CLEANERS
Address: 7125 GARFIELD AVE STE A
Address 2: Not reported
City,State,Zip: BELL GARDENS, CA 90201
EPA ID: CAL000330098
Inactive Date: 06/30/2008
Create Date: 02/26/2008
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 7125 GARFIELD AVE STE A
Mailing Address 2: Not reported
Mailing City,State,Zip: BELL GARDENS, CA 902013262
Owner Name: ADOLFO RODRIGUEZ
Owner Address: 7125 GARFIELD AVE STE A
Owner Address 2: Not reported
Owner City,State,Zip: BELL GARDENS, CA 902013262
Contact Name: RAFAEL RODRIGUEZ
Contact Address: 7125 GARFIELD AVE STE A
Contact Address 2: Not reported
City,State,Zip: BELL GARDENS, CA 902013262
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 33.967158
Longitude: -118.15086

NAICS:
EPA ID: CAL000330098
Create Date: 2008-02-26 08:23:29.637
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date: 2008-02-26 08:23:29.57300
Inactive Date: 2008-06-30 00:00:00
Facility Name: USA CLEANERS
Facility Address: 7125 GARFIELD AVE STE A
Facility Address 2: Not reported
Facility City: BELL GARDENS
Facility County: Not reported

USA & RAFAEL CLEANERS (Continued) **S106834557**

Facility State: CA
Facility Zip: 902013262

75
WSW
1/2-1
0.905 mi.
4778 ft.

SANTA FE INDUSTRIAL MACHINERY MOVERS
6423 CLARA ST.
BELL GARDENS, CA 90201

ENVIROSTOR **S111842231**
N/A

Relative:
Lower

Actual:
120 ft.

ENVIROSTOR:

Name:	SANTA FE INDUSTRIAL MACHINERY MOVERS
Address:	6423 CLARA ST.
City,State,Zip:	BELL GARDENS, CA 90201
Facility ID:	60001676
Status:	No Further Action
Status Date:	12/27/1999
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0
NPL:	NO
Regulatory Agencies:	LOS ANGELES COUNTY
Lead Agency:	LOS ANGELES COUNTY
Program Manager:	Not reported
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	50
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	33.96227
Longitude:	-118.1521
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	No Contaminants found
Potential Description:	NONE SPECIFIED
Alias Name:	60001676
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:	12/27/1999
Comments:	No further action
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

SANTA FE INDUSTRIAL MACHINERY MOVERS (Continued) **S111842231**

Schedule Revised Date: Not reported

76
NNW
1/2-1
0.991 mi.
5235 ft.

CAMEO
6904 EAST SLAUSON AVENUE
COMMERCE, CA 90040

RESPONSE
ENVIROSTOR
Cortese

S105557554
N/A

Relative:
Higher

Actual:
149 ft.

RESPONSE:

Name:	CAMEO
Address:	6904 EAST SLAUSON AVENUE
City,State,Zip:	COMMERCE, CA 90040
Facility ID:	19390043
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	2.62
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Ahmad Aboughaida
Supervisor:	Juli Propes
Division Branch:	Cleanup Cypress
Site Code:	301903
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	58
Senate:	32
Special Program Status:	Voluntary Agreement - Prospective Purchaser Program
Status:	Active
Status Date:	12/08/1993
Restricted Use:	YES
Funding:	Orphan Funds
Latitude:	33.98020
Longitude:	-118.1412
APN:	6356-017-028, 6356017028
Past Use:	MANUFACTURING - METAL, METAL PLATING - CHROME
Potential COC :	Cadmium and compounds Carbon tetrachloride Chromium III Chromium VI
Confirmed COC:	Chromium III Chromium VI Cadmium and compounds Carbon tetrachloride
Potential Description:	OTH, SOIL, AQUI, SOIL, WELL
Alias Name:	CALIFORNIA METAL ENAMELING COMPANY
Alias Type:	Alternate Name
Alias Name:	CAMEO
Alias Type:	Alternate Name
Alias Name:	6356-017-028
Alias Type:	APN
Alias Name:	6356017028
Alias Type:	APN
Alias Name:	110033618342
Alias Type:	EPA (FRS #)
Alias Name:	300546
Alias Type:	Project Code (Site Code)
Alias Name:	301903
Alias Type:	Project Code (Site Code)
Alias Name:	19390043
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

CAMEO (Continued) **S105557554**

Completed Document Type: Technical Workplan
Completed Date: 04/09/2001
Comments: DTSC approves supplemental workplan for sheet metal shop on Lot 1

Completed Area Name: Former Pit # 2
Completed Sub Area Name: Not reported
Completed Document Type: Time Critical Removal Action Workplan
Completed Date: 04/23/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 01/13/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 04/18/2016
Comments: Comments issued requiring revision and resubmittal. Revised document to be submitted as a RACR, and original RI to be maintained separately.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 03/29/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 10/28/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/16/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/07/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/28/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork

CAMEO (Continued) **S105557554**

Completed Date: 04/24/2017
Comments: Activity completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/05/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Plan
Completed Date: 11/09/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/13/1999
Comments: DTSC approval letter is not available in the File Room

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 07/01/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 06/12/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 06/12/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 07/01/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 09/13/1999
Comments: DTSC approval letter is not available in the File Room

Completed Area Name: Former Pit # 2
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 06/23/2018
Comments: Not reported

CAMEO (Continued) **S105557554**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/02/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/18/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/01/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/24/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/08/2017
Comments: Technical Memorandum is approved according to electronic correspondence sent to AECOM on 6/8/2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/06/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/16/2000
Comments: DSTC review of Laboratory data is not available in the File Room

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 04/11/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/28/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CAMEO (Continued) **S105557554**

Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/19/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/28/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/23/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/27/1999
Comments: DTSC approves reconnaissance groundwater sampling activities for Lot 2
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 09/25/2000
Comments: Workplan for former sheet metal shop on Lot 1 is submitted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 08/04/1998
Comments: DTSC approved workplan for additional groundwater investigation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 04/05/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 05/07/2012
Comments: Completed; the ITR is an Interim RI document.

Completed Area Name: Former Pit # 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/24/2009
Comments: Completed. Additional remedial work is needed in the future.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/17/2013

CAMEO (Continued) **S105557554**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/24/2016
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 01/22/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 01/27/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/17/2018
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/18/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 03/01/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/07/2001
Comments: DTSC review of laboratory data is not available in the File Room

Completed Area Name: Former Pit # 2
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/27/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/12/2017
Comments: Final Version approved on June 12, 2017

Completed Area Name: Former Pit # 2

CAMEO (Continued) **S105557554**

Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 09/20/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Determination of non-compliance
Completed Date: 03/16/2007
Comments: Issued proposed notice of non-compliance

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/22/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/26/2018
Comments: Contract amendment fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/14/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/07/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 03/28/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/24/2019

CAMEO (Continued) **S105557554**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/23/2019
Comments: Work Order issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 02/05/2019
Comments: Signed Consent Decree.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/30/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 08/06/2019
Comments: Fully executed access agreement sent via email to the property owner point of contact.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/16/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 07/12/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/14/2001
Comments: DTSC completes its review of the PEA Report and issues "No Further Action" letter for Lot 1 only of the former CAMEO site located at 6840 E. Slauson Avenue.

Completed Area Name: Former Pit # 2
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/12/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Workplan
Completed Date: 01/06/2022

CAMEO (Continued) **S105557554**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Substantial Endangerment Order
Completed Date: 06/26/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/21/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 07/20/1995
Comments: DTSC enters into a Voluntary Cleanup Agreement with the Project Proponent for the CAMEO site. The objective of this Agreement is to perform a health risk assessment and to conduct a removal action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/22/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/09/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 07/25/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/06/2000
Comments: DSTC Response to Hargis + Associates Letter is not available in the File Room

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/24/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 09/28/1999

CAMEO (Continued) **S105557554**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/21/2000
Comments: DSTC review of Hargis + Associates is not available in the File Room

Completed Area Name: Former Pit # 2
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 02/05/2019
Comments: Consent agree approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/10/2017
Comments: Document finalized on 3/10/2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: OPEA Consultation
Completed Date: 11/02/2017
Comments: OPEA Consultation was done for analysis of preliminary consultation topics that may be relevant during the CEQA process will start. At this consultation meeting, primary environmental areas of concern for the implementation of the anticipated remedies at the Site was discussed, including, but restrict to it, historical and current land use, project intent, site characterization results, anticipated remedies, and special conditions (air quality; biological, cultural and tribal resources, hazardous, noise, traffic, etc). It was informed that depending of the anticipated costs of the selected remedy (> $ 1,000,000), an Environmental Impact Report (EIR) may be applicable. Also, a Notice of Determination as the formal noticed filed with the State Clearinghouse will be necessary. This Notice of Determination will be a Negative Declaration or Mitigated Negative Declaration depending on which remedy(s) will be selected for the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 07/21/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 11/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 08/28/2017
Comments: Associated International Insurance Company letter received on August

CAMEO (Continued) **S105557554**

28, 2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/06/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/07/2017
Comments: Letter issued on June 7, 2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/05/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 03/10/2017
Comments: Notice Letter sent on 3/10/2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/29/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 03/26/2007
Comments: Letter Submitted by Law offices - Gilchrist & Rutter, on behalf of Porcelain Metals Corporation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 07/18/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 07/26/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/29/2018
Comments: Not reported

CAMEO (Continued) **S105557554**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 01/31/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 03/22/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 11/19/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 06/18/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/09/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 04/17/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/21/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/30/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report

CAMEO (Continued) **S105557554**

Completed Date: 11/10/2010
Comments: Draft

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/24/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/25/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/01/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 05/28/2020
Comments: Application accepted and proponent is eligible.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/23/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 10/16/2013
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 04/08/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/26/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/28/2014
Comments: Not reported

CAMEO (Continued) **S105557554**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PRP Identification Memorandum
Completed Date: 08/31/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 10/25/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 06/01/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 04/18/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/24/2014
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 07/12/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 05/20/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 09/11/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice

CAMEO (Continued) **S105557554**

Completed Date: 09/01/2016
Comments: Notice of Intent to Place a Lien Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/20/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/25/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 08/13/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/23/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Further Action Letter
Completed Date: 06/14/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 12/08/1993
Comments: The site is identified by the RP. From 1911 to 1990 the site was used for manufacturing porcelain enamel signs for streets and highways. In 1990 the company ceased its' operations at the site and started demolition activities. The site is comprised of approximately 4.87 acres. The main contaminant at the site is hexavalent chromium. Other contaminants at the site are lead, total chromium, cadmium, zinc, nickel, copper and asbestos. A kerosene tank was removed from the site 30 years ago. Due to the evidence of onsite contamination, DTSC recommeded a PEA. DTSC notified the RP that a PEA needs to be conducted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 05/29/2008
Comments: DTSC approved the Health and Safety Plan.

Completed Area Name: Former Pit # 2
Completed Sub Area Name: Not reported
Completed Document Type: Quality Assurance Workplan

CAMEO (Continued) **S105557554**

Completed Date: 05/05/2008
Comments: DTSC approved the Quality Assurance Plan.

Completed Area Name: Former Pit # 2
Completed Sub Area Name: Not reported
Completed Document Type: Time Critical Removal Action Workplan
Completed Date: 05/30/2008
Comments: DTSC approved the Field Implementation WorkPlan.

Completed Area Name: Former Pit # 2
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 06/05/2008
Comments: DTSC approved the Transportation Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/14/2012
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 09/04/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/02/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/15/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/17/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 03/23/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Quality Assurance Workplan
Completed Date: 06/19/1997
Comments: Not reported

CAMEO (Continued) **S105557554**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/20/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/29/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/02/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 04/30/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 03/11/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 04/26/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/02/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 05/07/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/14/2018
Comments: Fieldwork completed on June 14th..

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice

CAMEO (Continued) **S105557554**

Completed Date: 12/17/2018
Comments: Proof of publication received in La Opinion, December 16th edition.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/18/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/29/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/29/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/21/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 07/01/2013
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2025
Schedule Area Name: Former Pit # 2
Schedule Sub Area Name: Not reported
Schedule Document Type: Certification
Schedule Due Date: 10/16/2022
Schedule Revised Date: Not reported

ENVIROSTOR:
Name: CAMEO
Address: 6904 EAST SLAUSON AVENUE
City,State,Zip: COMMERCE, CA 90040
Facility ID: 19390043
Status: Active
Status Date: 12/08/1993
Site Code: 301903
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 2.62
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP

CAMEO (Continued) **S105557554**

Program Manager: Ahmad Aboughaida
Supervisor: Juli Propes
Division Branch: Cleanup Cypress
Assembly: 58
Senate: 32
Special Program: Voluntary Agreement - Prospective Purchaser Program
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Orphan Funds
Latitude: 33.98020
Longitude: -118.1412
APN: 6356-017-028, 6356017028
Past Use: MANUFACTURING - METAL, METAL PLATING - CHROME
Potential COC: Cadmium and compounds Carbon tetrachloride Chromium III Chromium VI Chromium III Chromium VI
Confirmed COC: Chromium III Chromium VI Cadmium and compounds Carbon tetrachloride Chromium III Chromium VI
Potential Description: OTH, SOIL, AQUI, SOIL, WELL
Alias Name: CALIFORNIA METAL ENAMELING COMPANY
Alias Type: Alternate Name
Alias Name: CAMEO
Alias Type: Alternate Name
Alias Name: 6356-017-028
Alias Type: APN
Alias Name: 6356017028
Alias Type: APN
Alias Name: 110033618342
Alias Type: EPA (FRS #)
Alias Name: 300546
Alias Type: Project Code (Site Code)
Alias Name: 301903
Alias Type: Project Code (Site Code)
Alias Name: 19390043
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/09/2001
Comments: DTSC approves supplemental workplan for sheet metal shop on Lot 1

Completed Area Name: Former Pit # 2
Completed Sub Area Name: Not reported
Completed Document Type: Time Critical Removal Action Workplan
Completed Date: 04/23/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 01/13/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 04/18/2016

CAMEO (Continued) **S105557554**

Comments: Comments issued requiring revision and resubmittal. Revised document to be submitted as a RACR, and original RI to be maintained separately.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 03/29/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 10/28/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/16/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/07/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/28/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/24/2017
Comments: Activity completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/05/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Plan
Completed Date: 11/09/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/13/1999
Comments: DTSC approval letter is not available in the File Room

CAMEO (Continued) **S105557554**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 07/01/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 06/12/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 06/12/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 07/01/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 09/13/1999
Comments: DTSC approval letter is not available in the File Room

Completed Area Name: Former Pit # 2
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 06/23/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/02/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/18/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/01/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report

CAMEO (Continued) **S105557554**

Completed Date: 10/24/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/08/2017
Comments: Technical Memorandum is approved according to electronic correspondence sent to AECOM on 6/8/2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/06/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/16/2000
Comments: DSTC review of Laboratory data is not available in the File Room

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 04/11/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/28/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/19/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/28/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/23/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/27/1999
Comments: DTSC approves reconnaissance groundwater sampling activities for Lot 2

CAMEO (Continued) **S105557554**

Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 09/25/2000
Comments: Workplan for former sheet metal shop on Lot 1 is submitted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 08/04/1998
Comments: DTSC approved workplan for additional groundwater investigation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 04/05/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 05/07/2012
Comments: Completed; the ITR is an Interim RI document.

Completed Area Name: Former Pit # 2
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/24/2009
Comments: Completed. Additional remedial work is needed in the future.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/17/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/24/2016
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 01/22/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 01/27/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE

CAMEO (Continued) **S105557554**

Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/17/2018
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/18/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 03/01/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/07/2001
Comments: DTSC review of laboratory data is not available in the File Room

Completed Area Name: Former Pit # 2
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/27/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/12/2017
Comments: Final Version approved on June 12, 2017

Completed Area Name: Former Pit # 2
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 09/20/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Determination of non-compliance
Completed Date: 03/16/2007
Comments: Issued proposed notice of non-compliance

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/22/2021

CAMEO (Continued) **S105557554**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/26/2018
Comments: Contract amendment fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/14/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/07/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 03/28/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/24/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/23/2019
Comments: Work Order issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 02/05/2019
Comments: Signed Consent Decree.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/30/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE

CAMEO (Continued) **S105557554**

Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 08/06/2019
Comments: Fully executed access agreement sent via email to the property owner point of contact.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/16/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 07/12/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/14/2001
Comments: DTSC completes its review of the PEA Report and issues "No Further Action" letter for Lot 1 only of the former CAMEO site located at 6840 E. Slauson Avenue.

Completed Area Name: Former Pit # 2
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/12/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Workplan
Completed Date: 01/06/2022
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Substantial Endangerment Order
Completed Date: 06/26/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/21/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 07/20/1995
Comments: DTSC enters into a Voluntary Cleanup Agreement with the Project Proponent for the CAMEO site. The objective of this Agreement is to perform a health risk assessment and to conduct a removal action.

CAMEO (Continued) **S105557554**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/22/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/09/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 07/25/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/06/2000
Comments: DSTC Response to Hargis + Associates Letter is not available in the File Room

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/24/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 09/28/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/21/2000
Comments: DSTC review of Hargis + Associates is not available in the File Room

Completed Area Name: Former Pit # 2
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 02/05/2019
Comments: Consent agree approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/10/2017
Comments: Document finalized on 3/10/2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CAMEO (Continued) **S105557554**

Completed Document Type: OPEA Consultation
Completed Date: 11/02/2017
Comments: OPEA Consultation was done for analysis of preliminary consultation topics that may be relevant during the CEQA process will start. At this consultation meeting, primary environmental areas of concern for the implementation of the anticipated remedies at the Site was discussed, including, but restrict to it, historical and current land use, project intent, site characterization results, anticipated remedies, and special conditions (air quality; biological, cultural and tribal resources, hazardous, noise, traffic, etc). It was informed that depending of the anticipated costs of the selected remedy (> $ 1,000,000), an Environmental Impact Report (EIR) may be applicable. Also, a Notice of Determination as the formal noticed filed with the State Clearinghouse will be necessary. This Notice of Determination will be a Negative Declaration or Mitigated Negative Declaration depending on which remedy(s) will be selected for the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 07/21/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 11/23/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 08/28/2017
Comments: Associated International Insurance Company letter received on August 28, 2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/06/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/07/2017
Comments: Letter issued on June 7, 2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/05/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CAMEO (Continued) **S105557554**

Completed Document Type: Letter - Notice
Completed Date: 03/10/2017
Comments: Notice Letter sent on 3/10/2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/29/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 03/26/2007
Comments: Letter Submitted by Law offices - Gilchrist & Rutter, on behalf of Porcelain Metals Corporation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 07/18/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 07/26/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/29/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 01/31/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 03/22/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 11/19/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021

CAMEO (Continued) **S105557554**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 06/18/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/09/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 04/17/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/21/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/30/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 11/10/2010
Comments: Draft

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/24/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/25/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/01/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE

CAMEO (Continued) **S105557554**

Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 05/28/2020
Comments: Application accepted and proponent is eligible.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/23/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 10/16/2013
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 04/08/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/26/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/28/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PRP Identification Memorandum
Completed Date: 08/31/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 10/25/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 06/01/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 04/18/2012

CAMEO (Continued) **S105557554**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/24/2014
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 07/12/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 05/20/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 09/11/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 09/01/2016
Comments: Notice of Intent to Place a Lien Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/20/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/25/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 08/13/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE

CAMEO (Continued) **S105557554**

Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/23/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Further Action Letter
Completed Date: 06/14/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 12/08/1993
Comments: The site is identified by the RP. From 1911 to 1990 the site was used for manufacturing porcelain enamel signs for streets and highways. In 1990 the company ceased its' operations at the site and started demolition activities. The site is comprised of approximately 4.87 acres. The main contaminant at the site is hexavalent chromium. Other contaminants at the site are lead, total chromium, cadmium, zinc, nickel, copper and asbestos. A kerosene tank was removed from the site 30 years ago. Due to the evidence of onsite contamination, DTSC recommeded a PEA. DTSC notified the RP that a PEA needs to be conducted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 05/29/2008
Comments: DTSC approved the Health and Safety Plan.

Completed Area Name: Former Pit # 2
Completed Sub Area Name: Not reported
Completed Document Type: Quality Assurance Workplan
Completed Date: 05/05/2008
Comments: DTSC approved the Quality Assurance Plan.

Completed Area Name: Former Pit # 2
Completed Sub Area Name: Not reported
Completed Document Type: Time Critical Removal Action Workplan
Completed Date: 05/30/2008
Comments: DTSC approved the Field Implementation WorkPlan.

Completed Area Name: Former Pit # 2
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 06/05/2008
Comments: DTSC approved the Transportation Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/14/2012
Comments: Completed

Completed Area Name: PROJECT WIDE

CAMEO (Continued) **S105557554**

Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 09/04/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/02/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/15/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/17/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 03/23/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Quality Assurance Workplan
Completed Date: 06/19/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/20/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/29/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/02/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 04/30/2019

CAMEO (Continued) **S105557554**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 03/11/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 04/26/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/02/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 05/07/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/14/2018
Comments: Fieldwork completed on June 14th..

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/17/2018
Comments: Proof of publication received in La Opinion, December 16th edition.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/18/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/29/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/29/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE

CAMEO (Continued) **S105557554**

Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/21/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 07/01/2013
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2025
Schedule Area Name: Former Pit # 2
Schedule Sub Area Name: Not reported
Schedule Document Type: Certification
Schedule Due Date: 10/16/2022
Schedule Revised Date: Not reported

CORTESE:
Name: CAMEO
Address: 6904 EAST SLAUSON AVENUE
City,State,Zip: COMMERCE, CA 90040
Region: CORTESE
Envirostor Id: 19390043
Global ID: Not reported
Site/Facility Type: STATE RESPONSE
Cleanup Status: ACTIVE
Status Date: 12/08/1993
Site Code: 300546, 301903
Latitude: 33.980207
Longitude: -118.14121
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Haz Waste & Substances Sites

Count: 2 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BELL	S104857350	MARRS FABULOUS CLEANERS	3626 FLORENCE	90201	CPS-SLIC
BELL GARDENS	S111076078	SALVAGE CORP	7100 EAST GAGE AVENUE		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

Lists of Federal NPL (Superfund) sites

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: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/09/2023
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: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/09/2023
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

Lists of Federal Delisted NPL sites

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: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/06/2022
Next Scheduled EDR Contact: 01/10/2023
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: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

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: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

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: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

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: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
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: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
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: 05/16/2022
Date Data Arrived at EDR: 05/19/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 71

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/03/2022
Next Scheduled EDR Contact: 11/21/2022
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: 05/16/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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: 05/16/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
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: 06/14/2022
Date Data Arrived at EDR: 06/15/2022
Date Made Active in Reports: 06/21/2022
Number of Days to Update: 6

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/20/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

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: 07/25/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 10/05/2022
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

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: 07/25/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 10/05/2022
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/09/2022
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 81

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/08/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

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 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 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: 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 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 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 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 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: 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: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

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

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/14/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
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: 06/02/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 79

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
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: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
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: 04/08/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
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: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
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: 04/11/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
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: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
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: 04/28/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
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: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
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: No Update Planned

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: No Update Planned

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: No Update Planned

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: No Update Planned

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: No Update Planned

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: No Update Planned

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: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

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: 06/01/2022
Date Data Arrived at EDR: 06/09/2022
Date Made Active in Reports: 08/26/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/24/2022
Number of Days to Update: 78

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 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: 09/07/2022
Next Scheduled EDR Contact: 12/26/2022
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: 06/02/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 79

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
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: 04/07/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
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: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 10/31/2022
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: 04/14/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
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: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
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: 04/08/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
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: 04/28/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
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: 04/11/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 07/25/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 10/05/2022
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2022
Next Scheduled EDR Contact: 11/07/2022
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: 09/13/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Varies

Lists of state and tribal brownfield 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: 06/21/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 09/08/2022
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
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: 02/23/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 0

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/09/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/19/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/23/2022
Number of Days to Update: 77

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 08/12/2022
Date Data Arrived at EDR: 08/16/2022
Date Made Active in Reports: 08/26/2022
Number of Days to Update: 10

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/16/2022
Next Scheduled EDR Contact: 11/21/2022
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: 07/21/2022
Next Scheduled EDR Contact: 11/07/2022
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: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
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: 07/21/2022
Next Scheduled EDR Contact: 11/07/2022
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: 04/30/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/18/2022
Next Scheduled EDR Contact: 12/05/2022
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: 07/25/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 10/05/2022
Number of Days to Update: 72
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2022
Next Scheduled EDR Contact: 11/07/2022
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: 12/31/2019
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78
Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
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

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: 07/18/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 74

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Quarterly

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: 04/30/2022
Date Data Arrived at EDR: 05/24/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 66

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/18/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Quarterly

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 12/10/2021
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 09/06/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/24/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

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

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: 05/05/2022
Date Data Arrived at EDR: 05/06/2022
Date Made Active in Reports: 07/21/2022
Number of Days to Update: 76

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

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: 07/18/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 74

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 05/25/2022
Date Data Arrived at EDR: 05/26/2022
Date Made Active in Reports: 08/11/2022
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
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: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/09/2023
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: 05/31/2022
Date Data Arrived at EDR: 05/31/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 79

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
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: 09/19/2022
Date Data Arrived at EDR: 09/19/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 11

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
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: 06/30/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 74

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
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: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
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: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
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: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
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: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 50

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
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: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/13/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

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: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/03/2022
Next Scheduled EDR Contact: 01/16/2023
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: 08/03/2022
Next Scheduled EDR Contact: 11/21/2022
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: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/20/2022
Next Scheduled EDR Contact: 01/02/2023
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: 07/29/2022
Next Scheduled EDR Contact: 11/14/2022
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: 08/04/2022
Next Scheduled EDR Contact: 11/14/2022
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: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/12/2022
Next Scheduled EDR Contact: 12/26/2022
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: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
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: 07/18/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 11

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/18/2022
Next Scheduled EDR Contact: 01/30/2023
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: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 12/12/2022
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: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
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: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 29
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 11/14/2022
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: 01/20/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 64
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
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: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
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: No Update Planned

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: No Update Planned

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: 06/10/2022
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 69
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
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: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
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: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/04/2022
Next Scheduled EDR Contact: 11/14/2022
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: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/21/2022
Next Scheduled EDR Contact: 01/10/2023
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: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/21/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Quarterly

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: 06/30/2022
Date Data Arrived at EDR: 07/21/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 71

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
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: 12/31/2019
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 23

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
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: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
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: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
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: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/24/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/09/2023
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

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 08/01/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 59

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

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: 08/03/2022
Date Data Arrived at EDR: 08/17/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 14

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
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: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
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: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

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: 06/14/2022
Date Data Arrived at EDR: 06/15/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 68

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/13/2022
Next Scheduled EDR Contact: 12/19/2022
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: 05/13/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 13

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
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: 06/25/2022
Date Data Arrived at EDR: 07/01/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 91

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 09/30/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/23/2023
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: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/22/2022
Next Scheduled EDR Contact: 12/05/2022
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: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 50
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
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: 06/21/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 09/08/2022
Number of Days to Update: 79
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
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: 12/07/2021
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 05/17/2022
Number of Days to Update: 8
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/21/2022
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: 08/27/2021
Date Data Arrived at EDR: 09/01/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 09/07/2022
Next Scheduled EDR Contact: 12/12/2022
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: 05/25/2022
Date Data Arrived at EDR: 05/26/2022
Date Made Active in Reports: 08/11/2022
Number of Days to Update: 77

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
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: 05/20/2022
Date Data Arrived at EDR: 05/20/2022
Date Made Active in Reports: 08/09/2022
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 08/16/2022
Next Scheduled EDR Contact: 12/05/2022
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: 12/31/2020
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/30/2022
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/16/2022
Next Scheduled EDR Contact: 12/26/2022
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: 07/12/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 09/29/2022
Number of Days to Update: 73

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 10/19/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 07/06/2022
Date Data Arrived at EDR: 07/21/2022
Date Made Active in Reports: 10/03/2022
Number of Days to Update: 74

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
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: 08/09/2022
Date Data Arrived at EDR: 08/10/2022
Date Made Active in Reports: 08/30/2022
Number of Days to Update: 20

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/02/2022
Next Scheduled EDR Contact: 11/21/2022
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: 12/31/2021
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/17/2022
Date Made Active in Reports: 08/03/2022
Number of Days to Update: 78

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
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: 05/16/2022
Date Data Arrived at EDR: 05/17/2022
Date Made Active in Reports: 08/03/2022
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
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: 07/05/2022
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/03/2022
Next Scheduled EDR Contact: 01/16/2023
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: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/23/2022
Number of Days to Update: 77

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
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: 05/06/2022
Date Data Arrived at EDR: 05/31/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 79

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/09/2022
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 81

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/08/2022
Next Scheduled EDR Contact: 11/21/2022
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: 05/31/2022
Date Data Arrived at EDR: 05/31/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 79

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/23/2022
Number of Days to Update: 77

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
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: 06/10/2022
Date Data Arrived at EDR: 06/10/2022
Date Made Active in Reports: 08/26/2022
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/07/2022
Next Scheduled EDR Contact: 12/26/2022
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: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/23/2022
Number of Days to Update: 77

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
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: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
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: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: No Update Planned

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: 09/13/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
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: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/24/2022
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

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: 08/16/2022
Date Data Arrived at EDR: 08/17/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 1
Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/12/2022
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: 07/18/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 74
Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
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: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/05/2022
Date Data Arrived at EDR: 04/05/2022
Date Made Active in Reports: 04/26/2022
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 10/03/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
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: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 06/29/2022
Date Data Arrived at EDR: 06/29/2022
Date Made Active in Reports: 07/21/2022
Number of Days to Update: 22

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 07/22/2022
Date Data Arrived at EDR: 07/27/2022
Date Made Active in Reports: 08/01/2022
Number of Days to Update: 5

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
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: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 06/14/2022
Date Data Arrived at EDR: 06/15/2022
Date Made Active in Reports: 09/02/2022
Number of Days to Update: 79

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
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: 07/20/2022
Date Data Arrived at EDR: 07/20/2022
Date Made Active in Reports: 10/03/2022
Number of Days to Update: 75

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 07/19/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 05/04/2022
Date Data Arrived at EDR: 05/06/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/19/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/20/2022
Next Scheduled EDR Contact: 11/07/2022
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: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 09/30/2022
Next Scheduled EDR Contact: 01/09/2023
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: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/13/2022
Date Data Arrived at EDR: 07/14/2022
Date Made Active in Reports: 09/29/2022
Number of Days to Update: 77

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
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: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 05/06/2022
Date Data Arrived at EDR: 05/12/2022
Date Made Active in Reports: 08/01/2022
Number of Days to Update: 81

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 09/21/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 05/06/2022
Date Data Arrived at EDR: 05/12/2022
Date Made Active in Reports: 08/01/2022
Number of Days to Update: 81

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 09/21/2022
Next Scheduled EDR Contact: 11/14/2022
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: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 07/22/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 10/05/2022
Number of Days to Update: 72

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

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: N/A
Telephone: N/A
Last EDR Contact: 09/07/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/06/2022
Date Data Arrived at EDR: 07/07/2022
Date Made Active in Reports: 09/21/2022
Number of Days to Update: 76

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/11/2022
Date Data Arrived at EDR: 07/11/2022
Date Made Active in Reports: 09/23/2022
Number of Days to Update: 74

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/07/2022
Next Scheduled EDR Contact: 01/23/2023
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: 01/01/2022
Date Data Arrived at EDR: 01/21/2022
Date Made Active in Reports: 04/11/2022
Number of Days to Update: 80

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 01/10/2022
Date Data Arrived at EDR: 01/12/2022
Date Made Active in Reports: 04/04/2022
Number of Days to Update: 82

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 01/13/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/15/2022
Number of Days to Update: 86

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/20/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 03/22/2022
Date Data Arrived at EDR: 06/24/2022
Date Made Active in Reports: 09/08/2022
Number of Days to Update: 76

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/20/2022
Next Scheduled EDR Contact: 01/02/2023
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: 05/26/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/14/2022
Next Scheduled EDR Contact: 10/31/2022
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: 10/04/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: No Update Planned

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: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/22/2022
Date Data Arrived at EDR: 07/19/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 73

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
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: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 09/21/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/16/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/15/2022
Date Data Arrived at EDR: 02/17/2022
Date Made Active in Reports: 05/11/2022
Number of Days to Update: 83

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/15/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/10/2023
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: 08/15/2022
Next Scheduled EDR Contact: 12/05/2022
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: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/15/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/21/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 3

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/19/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/29/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 08/03/2022
Number of Days to Update: 77

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/29/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 05/03/2022
Date Made Active in Reports: 07/20/2022
Number of Days to Update: 78

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/01/2022
Next Scheduled EDR Contact: 11/14/2022
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: 05/25/2022
Date Data Arrived at EDR: 05/26/2022
Date Made Active in Reports: 06/01/2022
Number of Days to Update: 6

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
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: 07/07/2022
Date Data Arrived at EDR: 07/08/2022
Date Made Active in Reports: 09/21/2022
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/07/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 07/07/2022
Date Data Arrived at EDR: 07/08/2022
Date Made Active in Reports: 09/21/2022
Number of Days to Update: 75
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/07/2022
Next Scheduled EDR Contact: 12/26/2022
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: 06/18/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 77
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 09/30/2022
Next Scheduled EDR Contact: 01/09/2023
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: 05/04/2022
Date Data Arrived at EDR: 06/30/2022
Date Made Active in Reports: 07/05/2022
Number of Days to Update: 5
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 09/26/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 07/27/2022
Date Data Arrived at EDR: 07/27/2022
Date Made Active in Reports: 10/11/2022
Number of Days to Update: 76
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
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: 05/12/2022
Date Data Arrived at EDR: 05/12/2022
Date Made Active in Reports: 05/18/2022
Number of Days to Update: 6
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
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: 05/31/2022
Date Data Arrived at EDR: 05/31/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 79

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/27/2021
Date Data Arrived at EDR: 03/04/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 88

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
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: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
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: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 05/05/2022
Date Data Arrived at EDR: 05/06/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 83

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

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: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 05/05/2022
Date Data Arrived at EDR: 05/06/2022
Date Made Active in Reports: 07/20/2022
Number of Days to Update: 75

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 01/18/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 04/27/2022
Number of Days to Update: 97

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 10/07/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

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: 09/07/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 08/04/2022
Number of Days to Update: 78

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
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: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/09/2022
Next Scheduled EDR Contact: 12/19/2022
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: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 08/29/2022
Next Scheduled EDR Contact: 12/19/2022
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: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 08/04/2022
Number of Days to Update: 78

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
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: 08/15/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
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: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
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: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
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: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/13/2022
Next Scheduled EDR Contact: 01/02/2023
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: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/13/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 05/03/2022
Date Data Arrived at EDR: 05/27/2022
Date Made Active in Reports: 08/11/2022
Number of Days to Update: 76

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 07/27/2022
Date Data Arrived at EDR: 07/27/2022
Date Made Active in Reports: 10/11/2022
Number of Days to Update: 76

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 07/26/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/13/2022
Date Data Arrived at EDR: 07/14/2022
Date Made Active in Reports: 09/29/2022
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 11/14/2022
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: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
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: 05/26/2022
Date Data Arrived at EDR: 07/21/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 71

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
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: 09/21/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: No Update Planned

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: 08/02/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: No Update Planned

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: 05/26/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 10/05/2022
Number of Days to Update: 72

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
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: 05/26/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/24/2022
Number of Days to Update: 78

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
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: 06/22/2022
Date Data Arrived at EDR: 06/30/2022
Date Made Active in Reports: 09/14/2022
Number of Days to Update: 76

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/21/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 05/03/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 84

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 08/02/2022
Next Scheduled EDR Contact: 11/07/2022
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: 05/08/2022
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 80

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/08/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/03/2022
Next Scheduled EDR Contact: 01/16/2023
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: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/29/2022
Next Scheduled EDR Contact: 11/07/2022
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/10/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 08/29/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
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 Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

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, 2010 and 2015 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

Â© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

7360 FOSTER BRIDGE BLVD
7360 FOSTER BRIDGE BLVD
DOWNEY, CA 90240

TARGET PROPERTY COORDINATES

Latitude (North):	33.965875 - 33ˆ 57’ 57.15’’
Longitude (West):	118.136536 - 118ˆ 8’ 11.53’’
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	394996.4
UTM Y (Meters):	3758759.8
Elevation:	137 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	11997976 SOUTH GATE, CA
Version Date:	2018
Southeast Map:	11997982 WHITTIER, CA
Version Date:	2018

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).

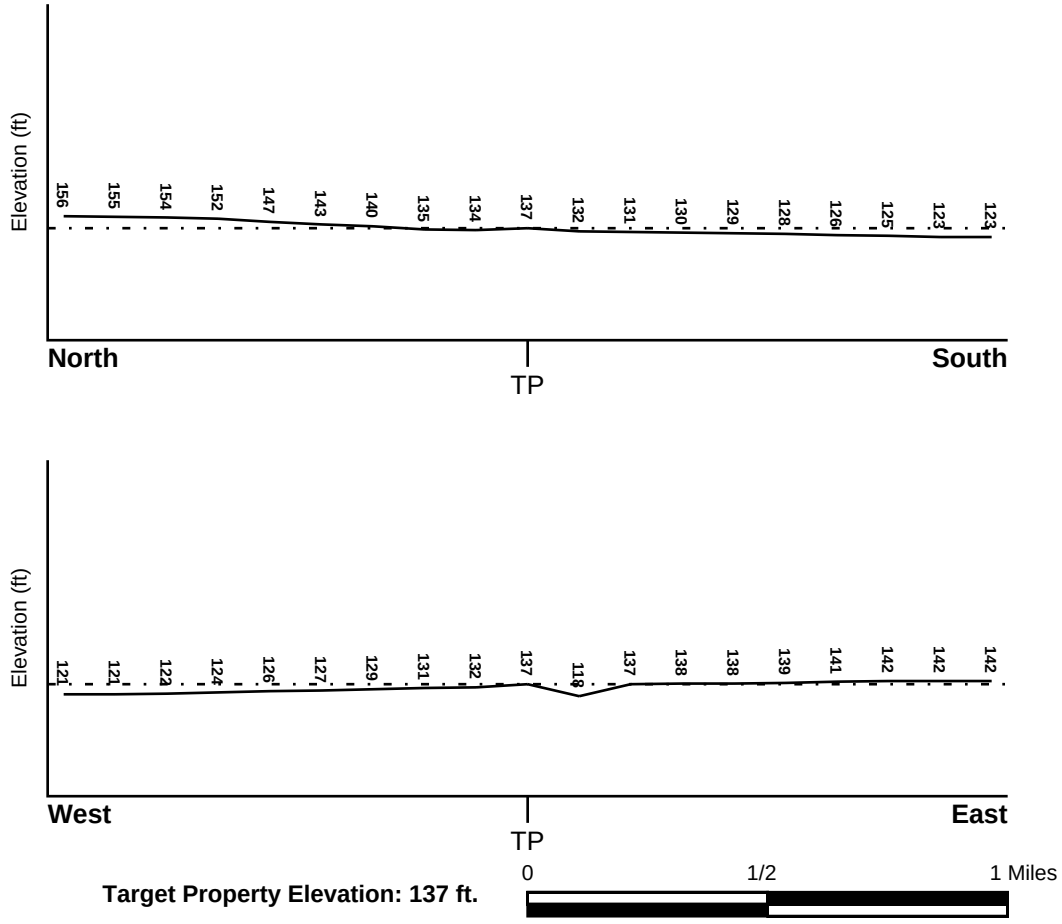
TOPOGRAPHIC INFORMATION

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 SW

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
06037C1810F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06037C1830F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SOUTH GATE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/4 - 1/2 Mile West
Site Name:	J&S Chrome Plating
Site EPA ID Number:	CAD982400343
Groundwater Flow Direction:	WSW ON A REGIONAL BASIS.
Inferred Depth to Water:	less than 20 feet.
Hydraulic Connection:	Aquifers underlying the site are hydraulically connected.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©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:
loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Surficial Soil Types:
loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Shallow Soil Types:
fine sandy loam
gravelly - loam
sand
silty clay

Deeper Soil Types:
stratified
clay loam
silty clay loam
gravelly - sandy loam
coarse sand
sand
weathered bedrock
very fine sandy 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
A2	USGS40000139329	0 - 1/8 Mile SE
C11	USGS40000139318	1/4 - 1/2 Mile SSW
17	USGS40000139403	1/4 - 1/2 Mile North
J52	USGS40000139418	1/2 - 1 Mile NE
P66	USGS40000139284	1/2 - 1 Mile WSW
P67	USGS40000139283	1/2 - 1 Mile WSW
P68	USGS40000139282	1/2 - 1 Mile WSW
P69	USGS40000139287	1/2 - 1 Mile WSW
P70	USGS40000139286	1/2 - 1 Mile WSW
P71	USGS40000139285	1/2 - 1 Mile WSW

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
1	CADPR0000003135	0 - 1/8 Mile SSW
A3	CAUSGSN00002838	0 - 1/8 Mile SE
A4	CADDW0000002100	1/8 - 1/4 Mile SE
A5	CADWR0000034133	1/8 - 1/4 Mile SE
B6	2873	1/8 - 1/4 Mile ENE
A7	CALLNL000000633	1/8 - 1/4 Mile SE
B8	CADDW0000003148	1/8 - 1/4 Mile ENE
9	CADWR0000023448	1/4 - 1/2 Mile SW
C10	CALLNL000000830	1/4 - 1/2 Mile South
C12	CADDW0000010111	1/4 - 1/2 Mile SSW
C13	CAUSGSN00013749	1/4 - 1/2 Mile SSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C14	2877	1/4 - 1/2 Mile SSW
D15	CADDW0000001694	1/4 - 1/2 Mile West
D16	2875	1/4 - 1/2 Mile West
E18	CADWR0000026657	1/4 - 1/2 Mile SSW
E19	CAEDF0000010437	1/2 - 1 Mile SSW
E20	CAEDF0000005563	1/2 - 1 Mile SSW
E21	CAEDF0000091915	1/2 - 1 Mile SSW
E22	CAEDF0000119234	1/2 - 1 Mile SSW
F23	CADWR0000029110	1/2 - 1 Mile North
F24	CADWR0000025753	1/2 - 1 Mile North
E25	CAEDF0000078869	1/2 - 1 Mile SSW
E26	CAEDF0000112758	1/2 - 1 Mile SSW
E27	CAEDF0000129102	1/2 - 1 Mile SSW
G28	CAEDF0000090579	1/2 - 1 Mile SSW
G29	CAEDF0000080001	1/2 - 1 Mile SSW
G30	CAEDF0000036611	1/2 - 1 Mile SSW
G31	CAEDF0000103471	1/2 - 1 Mile SSW
32	CADPR0000004432	1/2 - 1 Mile WNW
33	CADWR0000007669	1/2 - 1 Mile ENE
34	CADDW0000012592	1/2 - 1 Mile West
35	2890	1/2 - 1 Mile SSW
H36	CADDW0000004562	1/2 - 1 Mile North
H37	CAPFAS000000393	1/2 - 1 Mile North
I38	CAEDF0000129821	1/2 - 1 Mile NNE
39	CADWR0000031577	1/2 - 1 Mile WSW
40	14248	1/2 - 1 Mile North
H41	CAEDF0000004809	1/2 - 1 Mile NNE
H42	CAEDF0000108427	1/2 - 1 Mile NNE
H43	CAEDF0000124373	1/2 - 1 Mile NNE
J44	CADWR0000035119	1/2 - 1 Mile NE
K45	CADWR0000033381	1/2 - 1 Mile East
I46	CAEDF0000124217	1/2 - 1 Mile NNE
K47	2871	1/2 - 1 Mile East
L48	2842	1/2 - 1 Mile West
L49	22692	1/2 - 1 Mile West
50	CADWR0000021066	1/2 - 1 Mile NNW
51	CADWR0000005501	1/2 - 1 Mile ENE
M53	CAEDF0000059132	1/2 - 1 Mile NNE
N54	CAEDF0000107031	1/2 - 1 Mile NNE
M55	CAEDF0000065870	1/2 - 1 Mile NNE
N56	CAEDF0000084563	1/2 - 1 Mile NNE
O57	CADDW0000014796	1/2 - 1 Mile ESE
O58	CAPFAS000000474	1/2 - 1 Mile ESE
P59	CAUSGSN00001712	1/2 - 1 Mile WSW
P60	CAUSGSN00001452	1/2 - 1 Mile WSW
P61	CAEDF0000073645	1/2 - 1 Mile WSW
P62	CAUSGSN00006630	1/2 - 1 Mile WSW
P63	CAUSGSN00004177	1/2 - 1 Mile WSW
P64	CAUSGSN00016897	1/2 - 1 Mile WSW
P65	CAUSGSN00008439	1/2 - 1 Mile WSW
M72	CAEDF0000078722	1/2 - 1 Mile NNE
Q73	2893	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

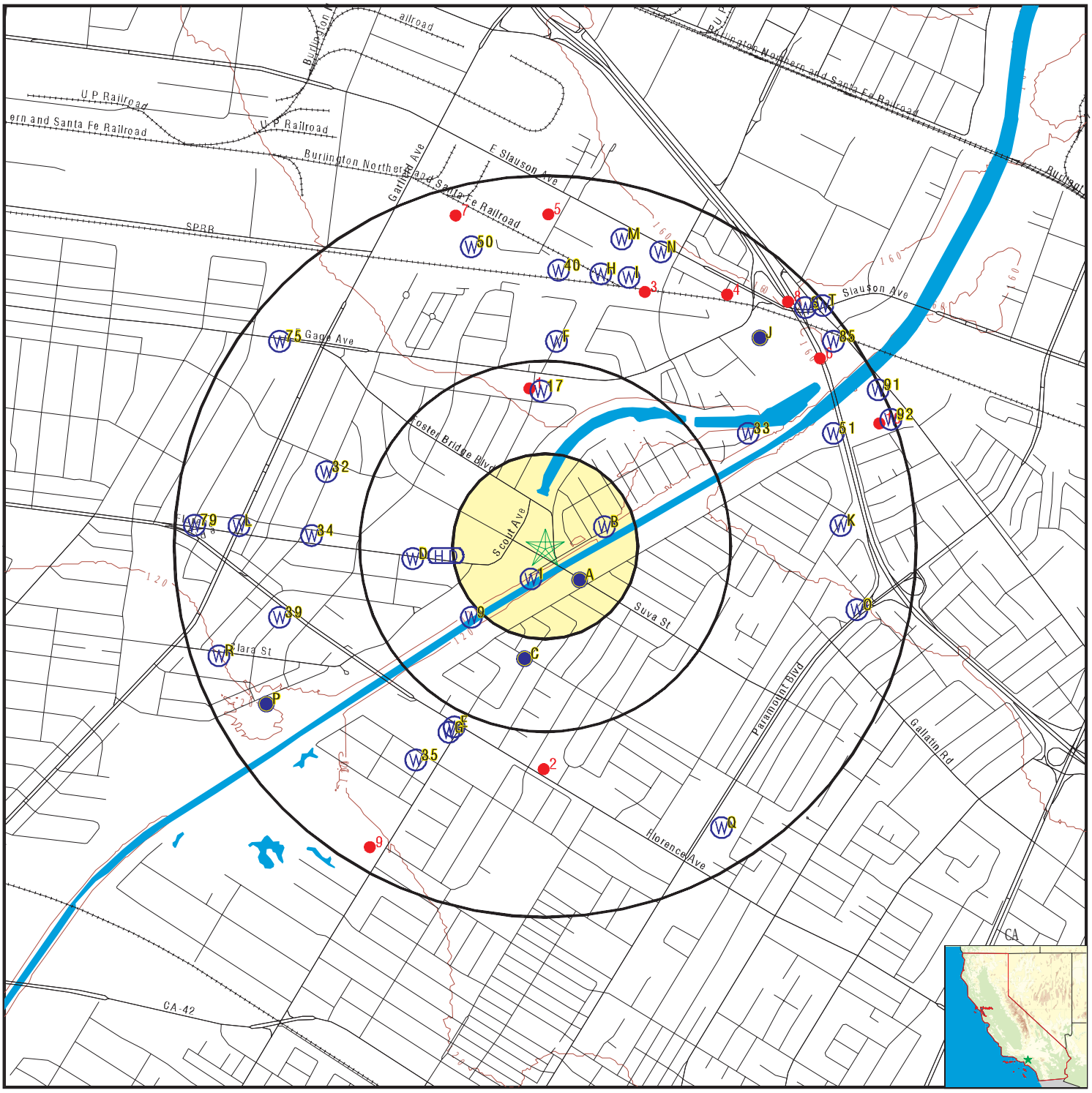
MAP ID	WELL ID	LOCATION FROM TP
Q74	CADDW0000006179	1/2 - 1 Mile SE
75	CADWR0000026296	1/2 - 1 Mile NW
R76	CADDW0000007225	1/2 - 1 Mile WSW
S77	CAEDF0000125429	1/2 - 1 Mile NE
S78	CAEDF0000101353	1/2 - 1 Mile NE
79	CADWR0000032968	1/2 - 1 Mile West
S80	CAEDF0000009654	1/2 - 1 Mile NE
S81	CAEDF0000041658	1/2 - 1 Mile NE
S82	CAEDF0000139491	1/2 - 1 Mile NE
R83	2876	1/2 - 1 Mile WSW
S84	CAEDF0000140486	1/2 - 1 Mile NE
85	CADWR0000006278	1/2 - 1 Mile NE
S86	CAEDF0000035372	1/2 - 1 Mile NE
S87	CAEDF0000104719	1/2 - 1 Mile NE
S88	CAEDF0000068228	1/2 - 1 Mile NE
S89	CAEDF0000080166	1/2 - 1 Mile NE
T90	CAEDF0000063110	1/2 - 1 Mile NE
91	CADDW0000021652	1/2 - 1 Mile ENE
92	2870	1/2 - 1 Mile ENE
T93	CAEDF0000107874	1/2 - 1 Mile NE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG14000005437	1/4 - 1/2 Mile North
2	CAOG14000005781	1/2 - 1 Mile South
3	CAOG14000005438	1/2 - 1 Mile NNE
4	CAOG14000005439	1/2 - 1 Mile NE
5	CAOG14000005958	1/2 - 1 Mile North
6	CAOG14000005962	1/2 - 1 Mile NE
7	CAOG14000005180	1/2 - 1 Mile NNW
8	CAOG14000005440	1/2 - 1 Mile NE
9	CAOG14000005354	1/2 - 1 Mile SSW
10	CAOG14000005219	1/2 - 1 Mile ENE

PHYSICAL SETTING SOURCE MAP - 07155128.2r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	7360 Foster Bridge Blvd	CLIENT:	SCS Engineers
ADDRESS:	7360 Foster Bridge Blvd Downey CA 90240	CONTACT:	Gloria Barrientos
		INQUIRY #:	07155128.2r
LAT/LONG:	33.965875 / 118.136536	DATE:	October 20, 2022 5:40 pm

Copyright © 2022 EDR, Inc. © 2015 TomTom Rel. 2015.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SSW
0 - 1/8 Mile
Lower

CA WELLS **CADPR0000003135**

Well ID:	76574	Well Type:	UNK
Source:	Department of Pesticide Regulation		
Other Name:	76574	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&samp_date=&global_id=&assigned_name=76574&store_num=		
GeoTracker Data:	Not Reported		

A2
SE
0 - 1/8 Mile
Lower

FED USGS **USGS40000139329**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W28J006S	Type:	Well
Description:	LA WATER REPLENISHMENT DIST GPS LAT/LONG		
HUC:	18070105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	California Coastal Basin aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19500301	Well Depth:	686
Well Depth Units:	ft	Well Hole Depth:	686
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1995-09-01
Feet below surface:	70	Feet to sea level:	Not Reported
Note:	Not Reported		

A3
SE
0 - 1/8 Mile
Lower

CA WELLS **CAUSGSN00002838**

Well ID:	USGS-335752118080201	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-335752118080201	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-335752118080201&store_num=		
GeoTracker Data:	Not Reported		

A4
SE
1/8 - 1/4 Mile
Lower

CA WELLS **CADDW0000002100**

Well ID:	1910034-009	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 07 (OLD WELL 302)	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910034-009&store_num=		

GeoTracker Data: Not Reported

A5
SE **CA WELLS** **CADWR0000034133**
1/8 - 1/4 Mile
Lower

Well ID:	02S12W28J006S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S12W28J006S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S12W28J006S&store_num=		
GeoTracker Data:	Not Reported		

B6
ENE **CA WELLS** **2873**
1/8 - 1/4 Mile
Lower

Seq:	2873	Prim sta c:	02S/12W-28A04 S
Frds no:	1910108002	County:	19
District:	07	User id:	4TH
System no:	1910108	Water type:	G
Source nam:	WELL 03-F - STANDBY	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335800.0	Longitude:	1180800.0
Precision:	8	Status:	SR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910108	System nam:	Bell Gardens-City, Water Dept.
Hqname:	PARK WATER CO	Address:	7100 S. GARFIELD AVE.
City:	BELL GARDENS	State:	CA
Zip:	90201	Zip ext:	Not Reported
Pop serv:	12000	Connection:	1451
Area serve:	BELL GARDENS		

A7
SE **CA WELLS** **CALLNL000000633**
1/8 - 1/4 Mile
Lower

Well ID:	100598	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	02S/12W-28J06 S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Xenon	Results:	.0000000107377
Units:	cm3STP/g	Date:	04/11/2001

Chemical:	Krypton	Results:	.0000000855315
Units:	cm3STP/g	Date:	04/11/2001

Chemical:	Tritium (Hydrogen 3)	Results:	21.11
Units:	pCi/L	Date:	09/19/2001
Chemical:	Argon	Results:	.000421239
Units:	cm3STP/g	Date:	04/11/2001
Chemical:	Helium-3/Helium-4	Results:	.00000153591
Units:	atom ratio	Date:	04/11/2001
Chemical:	Helium-4	Results:	.0000000839464
Units:	cm3STP/g	Date:	04/11/2001
Chemical:	Neon	Results:	.000000348326
Units:	cm3STP/g	Date:	04/11/2001

B8
ENE
1/8 - 1/4 Mile
Lower

CA WELLS **CADDW0000003148**

Well ID:	1910108-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 03-F - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910108-002&store_num=		
GeoTracker Data:	Not Reported		

9
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000023448**

Well ID:	02S12W28Q001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S12W28Q001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S12W28Q001S&store_num=		
GeoTracker Data:	Not Reported		

C10
South
1/4 - 1/2 Mile
Lower

CA WELLS **CALLNL000000830**

Well ID:	100750	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	02S/12W-28Q01 S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		
Chemical:	Argon	Results:	.000422109

Units:	cm3STP/g	Date:	10/16/2001
Chemical:	Helium-3/Helium-4	Results:	.00000153581
Units:	atom ratio	Date:	10/16/2001
Chemical:	Helium-4	Results:	.0000000855232
Units:	cm3STP/g	Date:	10/16/2001
Chemical:	Tritium (Hydrogen 3)	Results:	20.5
Units:	pCi/L	Date:	07/19/2001
Chemical:	Neon	Results:	.000000345529
Units:	cm3STP/g	Date:	10/16/2001
Chemical:	Krypton	Results:	.0000000863864
Units:	cm3STP/g	Date:	10/16/2001
Chemical:	Xenon	Results:	.000000010985
Units:	cm3STP/g	Date:	10/16/2001

C11
SSW **FED USGS** **USGS40000139318**
1/4 - 1/2 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W28Q001S	Type:	Well
Description:	LA WATER REPLENISHMENT DIST GPS LAT/LONG		
HUC:	18070105	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	California Coastal Basin aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	592
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

C12
SSW **CA WELLS** **CADDW0000010111**
1/4 - 1/2 Mile
Lower

Well ID:	1910034-010	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 08 (OLD WELL 05)	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910034-010&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C13
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAUSGSN00013749**

Well ID:	USGS-335745118081701	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-335745118081701	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-335745118081701&store_num=		
GeoTracker Data:	Not Reported		

C14
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **2877**

Seq:	2877	Prim sta c:	02S/12W-28Q01 S
Frds no:	1910034010	County:	19
District:	07	User id:	4TH
System no:	1910034	Water type:	G
Source nam:	WELL 08 (OLD WELL 05)	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335741.0	Longitude:	1180813.0
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910034	System nam:	Downey - City, Water Dept.
Hqname:	Not Reported	Address:	9252 Stewart & Gray Road
City:	Downey	State:	CA
Zip:	90241	Zip ext:	Not Reported
Pop serv:	91000	Connection:	23000
Area serve:	DOWNEY		

Sample date:	08-NOV-17	Finding:	3.4e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	08-NOV-17	Finding:	0.118
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	27-JUN-17	Finding:	0.164
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	27-JUN-17	Finding:	0.383
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	27-JUN-17	Finding:	0.545
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	27-JUN-17	Finding:	6.3e-002
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L

Dlr:	0.		
Sample date:	27-JUN-17	Finding:	1.9e-002
Chemical:	RADIUM 226	Report units:	PCI/L
Dlr:	1.		
Sample date:	27-JUN-17	Finding:	0.47
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	27-JUN-17	Finding:	3.4e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	27-JUN-17	Finding:	0.363
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-FEB-17	Finding:	290.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	28-FEB-17	Finding:	11.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	28-FEB-17	Finding:	220.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-FEB-17	Finding:	0.4
Chemical:	FOAMING AGENTS (MBAS)	Report units:	MG/L
Dlr:	0.		
Sample date:	28-FEB-17	Finding:	23.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	28-FEB-17	Finding:	3.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	28-FEB-17	Finding:	0.25
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	28-FEB-17	Finding:	33.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	28-FEB-17	Finding:	31.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	28-FEB-17	Finding:	51.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	28-FEB-17	Finding:	60.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	28-FEB-17	Finding:	49.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	28-FEB-17	Finding:	8.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	28-FEB-17	Finding:	380.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-FEB-17	Finding:	3.7
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-FEB-17	Finding:	40.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-FEB-17	Finding:	3.3
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-FEB-17	Finding:	15.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-FEB-15	Finding:	6.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-FEB-14	Finding:	39.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	9.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	38.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	69.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	13-FEB-14	Finding:	480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	3.2
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	7.88
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	120.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L

Dlr:	0.		
Sample date:	13-FEB-14	Finding:	140.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	150.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	44.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	7.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-FEB-14	Finding:	0.14
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	290.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	0.21
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	12-FEB-13	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-FEB-12	Finding:	7.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

D15
West
1/4 - 1/2 Mile
Lower

CA WELLS **CADDW0000001694**

Well ID:	1910011-005	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	FLORENCE WELL 01 - ABANDONED		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910011-005&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D16
West
1/4 - 1/2 Mile
Lower

CA WELLS **2875**

Seq:	2875	Prim sta c:	02S/12W-28K01 S
Frds no:	1910011005	County:	19
District:	15	User id:	MET
System no:	1910011	Water type:	G
Source nam:	FLORENCE WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335755.8	Longitude:	1180832.7
Precision:	2	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910011	System nam:	Scwc - Bell, Bell Gardens
Hqname:	SOUTHERN CALIF WATER CO	Address:	12035 Burke Street, #1
City:	Santa Fe Springs	State:	CA
Zip:	90670	Zip ext:	Not Reported
Pop serv:	48500	Connection:	7004
Area serve:	BELL-BELL GARDENS		

17
North
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000139403**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W28A004S	Type:	Well
Description:	Not Reported	HUC:	18070105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	556
Well Depth Units:	ft	Well Hole Depth:	590
Well Hole Depth Units:	ft		

E18
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000026657**

Well ID:	02S12W33B001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S12W33B001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S12W33B001S&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E19
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000010437**

Well ID:	T0603703437-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703437&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703437&assigned_name=MW-12		

E20
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000005563**

Well ID:	T0603703437-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703437&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703437&assigned_name=MW-9		

E21
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000091915**

Well ID:	T0603703437-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703437&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703437&assigned_name=MW-8		

E22
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000119234**

Well ID:	T0603703437-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703437&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703437&assigned_name=MW-10		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F23
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000029110**

Well ID:	02S12W28A004S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S12W28A004S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S12W28A004S&store_num=		
GeoTracker Data:	Not Reported		

F24
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000025753**

Well ID:	02S12W28A003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S12W28A003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S12W28A003S&store_num=		
GeoTracker Data:	Not Reported		

E25
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000078869**

Well ID:	T0603703437-MW-3A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703437&assigned_name=MW-3A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703437&assigned_name=MW-3A		

E26
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000112758**

Well ID:	T0603703437-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703437&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703437&assigned_name=MW-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E27
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000129102**

Well ID:	T0603703437-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703437&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703437&assigned_name=MW-4		

G28
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000090579**

Well ID:	T0603703437-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703437&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703437&assigned_name=MW-7		

G29
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000080001**

Well ID:	T0603703437-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703437&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703437&assigned_name=MW-2		

G30
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000036611**

Well ID:	T0603703437-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703437&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703437&assigned_name=MW-11		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G31
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000103471**

Well ID:	T0603703437-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703437&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703437&assigned_name=MW-6		

32
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADPR0000004432**

Well ID:	76570	Well Type:	UNK
Source:	Department of Pesticide Regulation		
Other Name:	76570	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&samp_date=&global_id=&assigned_name=76570&store_num=		
GeoTracker Data:	Not Reported		

33
ENE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000007669**

Well ID:	02S12W27F001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S12W27F001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S12W27F001S&store_num=		
GeoTracker Data:	Not Reported		

34
West
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000012592**

Well ID:	1910108-004	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910108-004&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

35
SSW
1/2 - 1 Mile
Lower

CA WELLS **2890**

Seq:	2890	Prim sta c:	02S/12W-33B01 S
Frds no:	1910034015	County:	19
District:	07	User id:	4TH
System no:	1910034	Water type:	G
Source nam:	WELL 13 (OLD PWC WELL 05D) - DESTROYED		
Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY	Latitude:	335727.0
Longitude:	1180830.0	Precision:	3
Status:	DS		
Comment 1:	THIS WELL WAS PURCHASED BY CITY OF DOWNEY FROM PWC IN 1978.		
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	1910034	System nam:	Downey - City, Water Dept.
Hqname:	Not Reported	Address:	9252 Stewart & Gray Road
City:	Downey	State:	CA
Zip:	90241	Zip ext:	Not Reported
Pop serv:	91000	Connection:	23000
Area serve:	DOWNEY		

H36
North
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000004562**

Well ID:	1910050-008	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 07-01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910050-008&store_num=		
GeoTracker Data:	Not Reported		

H37
North
1/2 - 1 Mile
Higher

CA WELLS **CAPFAS000000393**

Well ID:	1910050-008	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 07-01	GAMA PFAS Testing:	Yes
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910050-008&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I38
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000129821**

Well ID:	SL0603799992-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603799992&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603799992&assigned_name=MW-2		

39
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000031577**

Well ID:	02S12W28N003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S12W28N003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S12W28N003S&store_num=		
GeoTracker Data:	Not Reported		

40
North
1/2 - 1 Mile
Higher

CA WELLS **14248**

Seq:	14248	Prim sta c:	1910050-008
Frds no:	1910050008	County:	19
District:	07	User id:	4TH
System no:	1910050	Water type:	G
Source nam:	WELL 07-01 (NEW) - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335836.0	Longitude:	1180806.0
Precision:	2	Status:	IU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910050	System nam:	Commerce-City, Water Dept.
Hqname:	CALIFORNIA WTR SERV CO	Address:	3316 W. BEVERLY BLVD.
City:	MONTEBELLO	State:	CA
Zip:	90640	Zip ext:	Not Reported
Pop serv:	1760	Connection:	883
Area serve:	CITY OF COMMERCE		

Sample date:	12-MAR-18	Finding:	6.3e-002
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dlr:	0.		

Sample date:	12-MAR-18	Finding:	0.49
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		

Sample date:	06-FEB-18	Finding:	159.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	06-FEB-18	Finding:	2.998
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-FEB-18	Finding:	51.88
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-FEB-18	Finding:	53.36
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JAN-18	Finding:	168.3
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-JAN-18	Finding:	3.104
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JAN-18	Finding:	52.14
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JAN-18	Finding:	8.821
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JAN-18	Finding:	55.84
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JAN-18	Finding:	175.757
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	11-DEC-17	Finding:	8.879
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	11-DEC-17	Finding:	167.1
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	11-DEC-17	Finding:	0.39
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	11-DEC-17	Finding:	52.72
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	11-DEC-17	Finding:	3.168
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-NOV-17	Finding:	164.4
Chemical:	BORON	Report units:	UG/L

Dlr:	100.		
Sample date:	07-NOV-17	Finding:	3.136
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-NOV-17	Finding:	53.59
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-NOV-17	Finding:	9.003
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-NOV-17	Finding:	56.6
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-NOV-17	Finding:	178.405
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	03-OCT-17	Finding:	162.9
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	18-SEP-17	Finding:	0.42
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	18-SEP-17	Finding:	0.17
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-17	Finding:	54.04
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-17	Finding:	170.686
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-17	Finding:	50.8
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-17	Finding:	8.681
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-17	Finding:	159.7
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	15-AUG-17	Finding:	2.916
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	11-JUL-17	Finding:	170.1
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		

Sample date:	11-JUL-17	Finding:	3.204
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	3.103
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	52.87
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	9.018
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	167.1
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	09-MAY-17	Finding:	52.14
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-MAY-17	Finding:	8.882
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-MAY-17	Finding:	55.65
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-MAY-17	Finding:	3.027
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-MAY-17	Finding:	167.3
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	11-APR-17	Finding:	56.39
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	11-APR-17	Finding:	8.985
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	11-APR-17	Finding:	52.4
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	11-APR-17	Finding:	164.4
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	11-APR-17	Finding:	3.123
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-MAR-17	Finding:	7.6e-002
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L

Dlr:	0.		
Sample date:	20-MAR-17	Finding:	0.51
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	07-MAR-17	Finding:	54.72
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-MAR-17	Finding:	8.95
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-MAR-17	Finding:	52.45
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-MAR-17	Finding:	3.001
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-MAR-17	Finding:	166.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	08-FEB-17	Finding:	172.3
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	08-FEB-17	Finding:	2.977
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-FEB-17	Finding:	51.77
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-FEB-17	Finding:	8.981
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-FEB-17	Finding:	55.32
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	170.4
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	06-DEC-16	Finding:	164.6
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	06-DEC-16	Finding:	9.03
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-DEC-16	Finding:	2.926
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	08-NOV-16	Finding:	9.137
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-NOV-16	Finding:	3.127
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-OCT-16	Finding:	9.234
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-OCT-16	Finding:	3.19
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-OCT-16	Finding:	166.5
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	26-SEP-16	Finding:	55.88
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-SEP-16	Finding:	3.088
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-SEP-16	Finding:	162.4
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	26-SEP-16	Finding:	6.6e-002
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dlr:	0.		
Sample date:	26-SEP-16	Finding:	0.49
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	26-SEP-16	Finding:	9.173
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-AUG-16	Finding:	56.52
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-AUG-16	Finding:	9.218
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-AUG-16	Finding:	3.125
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-AUG-16	Finding:	165.8
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	12-JUL-16	Finding:	9.073
Chemical:	MAGNESIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	12-JUL-16	Finding:	52.66
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	3.077
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	167.3
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	20-JUN-16	Finding:	24.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	20-JUN-16	Finding:	0.74
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JUN-16	Finding:	0.36
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JUN-16	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JUN-16	Finding:	2.9
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JUN-16	Finding:	7.
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-JUN-16	Finding:	54.03
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-JUN-16	Finding:	3.151
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-JUN-16	Finding:	58.64
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-JUN-16	Finding:	168.4
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	04-JUN-16	Finding:	9.37
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-MAY-16	Finding:	56.11
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	03-MAY-16	Finding:	9.057
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-MAY-16	Finding:	52.62
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-MAY-16	Finding:	3.02
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-MAY-16	Finding:	158.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	06-APR-16	Finding:	58.61
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-APR-16	Finding:	9.183
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-APR-16	Finding:	3.201
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-APR-16	Finding:	162.1
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	06-APR-16	Finding:	54.01
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-MAR-16	Finding:	5.e-002
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dlr:	0.		
Sample date:	14-MAR-16	Finding:	0.52
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	08-MAR-16	Finding:	167.4
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	08-MAR-16	Finding:	3.15
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAR-16	Finding:	59.79
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAR-16	Finding:	9.534
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAR-16	Finding:	53.23
Chemical:	SODIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	04-JAN-16	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-JAN-16	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	09-DEC-15	Finding:	0.49
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	09-DEC-15	Finding:	5.3e-002
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dlr:	0.		
Sample date:	02-DEC-15	Finding:	163.6
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-OCT-15	Finding:	167.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-SEP-15	Finding:	0.48
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	14-SEP-15	Finding:	6.3e-002
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dlr:	0.		
Sample date:	10-AUG-15	Finding:	16.27
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	21-JUL-15	Finding:	17.41
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	06-JUL-15	Finding:	7.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	06-JUL-15	Finding:	22.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	02-JUN-15	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-JUN-15	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-JUN-15	Finding:	0.13
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		

Sample date:	02-JUN-15	Finding:	0.33
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-JUN-15	Finding:	340.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JUN-15	Finding:	200.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	02-JUN-15	Finding:	3.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	02-JUN-15	Finding:	0.28
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	02-JUN-15	Finding:	88.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-JUN-15	Finding:	57.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JUN-15	Finding:	3.1
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JUN-15	Finding:	54.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JUN-15	Finding:	9.1
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JUN-15	Finding:	58.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JUN-15	Finding:	180.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JUN-15	Finding:	150.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JUN-15	Finding:	130.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JUN-15	Finding:	610.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	02-JUN-15	Finding:	5.
Chemical:	COLOR	Report units:	UNITS

Dlr:	0.		
Sample date:	02-JUN-15	Finding:	18.76
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	01-JUN-15	Finding:	6.1e-002
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-15	Finding:	0.48
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	01-JUN-15	Finding:	7.
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-JUN-15	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	04-MAY-15	Finding:	18.91
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	04-MAY-15	Finding:	7.
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-MAY-15	Finding:	18.6
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	06-APR-15	Finding:	19.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	06-APR-15	Finding:	7.6
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-APR-15	Finding:	19.36
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	10-MAR-15	Finding:	6.e-002
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dlr:	0.		
Sample date:	10-MAR-15	Finding:	0.442
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	03-MAR-15	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	02-MAR-15	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		

Sample date:	02-MAR-15	Finding:	15.7
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-MAR-15	Finding:	17.9
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	02-FEB-15	Finding:	7.6
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-FEB-15	Finding:	18.47
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-FEB-15	Finding:	19.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	05-JAN-15	Finding:	8.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-JAN-15	Finding:	20.7
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	05-JAN-15	Finding:	17.84
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-DEC-14	Finding:	19.73
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-DEC-14	Finding:	5.4e-002
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dlr:	0.		
Sample date:	02-DEC-14	Finding:	0.54
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	01-DEC-14	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-DEC-14	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	03-NOV-14	Finding:	7.
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	03-NOV-14	Finding:	19.27
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	03-NOV-14	Finding:	21.7
Chemical:	SOURCE TEMPERATURE C	Report units:	C

Dlr:	0.		
Sample date:	06-OCT-14	Finding:	20.73
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	06-OCT-14	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	06-OCT-14	Finding:	21.7
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	08-SEP-14	Finding:	5.2e-002
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dlr:	0.		
Sample date:	08-SEP-14	Finding:	0.49
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	08-SEP-14	Finding:	20.27
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-SEP-14	Finding:	7.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-AUG-14	Finding:	22.32
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	04-AUG-14	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUL-14	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	18-JUL-14	Finding:	7.6
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-JUL-14	Finding:	20.21
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	07-JUL-14	Finding:	8.01
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-JUN-14	Finding:	19.5
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	09-JUN-14	Finding:	0.5
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		

Sample date:	02-JUN-14	Finding:	8.08
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-JUN-14	Finding:	8.08
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-JUN-14	Finding:	22.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	06-MAY-14	Finding:	22.34
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	05-MAY-14	Finding:	7.62
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-MAR-14	Finding:	0.54
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	04-MAR-14	Finding:	21.82
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	03-MAR-14	Finding:	7.64
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-FEB-14	Finding:	22.29
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	03-FEB-14	Finding:	7.44
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-JAN-14	Finding:	22.7
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	06-JAN-14	Finding:	6.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-DEC-13	Finding:	0.51
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	05-DEC-13	Finding:	24.6
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	03-DEC-13	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	02-DEC-13	Finding:	6.9
Chemical:	PH, FIELD	Report units:	Not Reported

Dlr:	0.		
Sample date:	05-NOV-13	Finding:	29.4
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	05-NOV-13	Finding:	200.7
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	04-NOV-13	Finding:	8.06
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-OCT-13	Finding:	26.6
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	07-OCT-13	Finding:	7.87
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	23-SEP-13	Finding:	0.82
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	23-SEP-13	Finding:	5.8e-002
Chemical:	AMMONIA (NH3-N)	Report units:	MG/L
Dlr:	0.		
Sample date:	10-SEP-13	Finding:	24.2
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	03-SEP-13	Finding:	6.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	21-AUG-13	Finding:	15.8
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	05-AUG-13	Finding:	8.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-JUL-13	Finding:	25.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	01-JUL-13	Finding:	7.
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-JUN-13	Finding:	1.2
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	10-JUN-13	Finding:	0.51
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		

Sample date:	03-JUN-13	Finding:	8.4
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	03-JUN-13	Finding:	20.4
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	03-JUN-13	Finding:	8.4
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	03-JUN-13	Finding:	31.9
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	21-MAY-13	Finding:	200.6
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	21-MAY-13	Finding:	25.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	06-MAY-13	Finding:	7.6
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-APR-13	Finding:	21.1
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	15-APR-13	Finding:	21.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	208.9
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	10-APR-13	Finding:	27.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	01-APR-13	Finding:	6.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-APR-13	Finding:	18.9
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	01-APR-13	Finding:	6.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-APR-13	Finding:	25.7
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	01-APR-13	Finding:	204.5
Chemical:	MANGANESE	Report units:	UG/L

Dlr:	20.		
Sample date:	25-MAR-13	Finding:	24.5
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-MAR-13	Finding:	201.6
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	19-MAR-13	Finding:	28.6
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	18-MAR-13	Finding:	0.54
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	11-MAR-13	Finding:	24.4
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	11-MAR-13	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	04-MAR-13	Finding:	7.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-MAR-13	Finding:	27.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	04-MAR-13	Finding:	201.1
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	25-FEB-13	Finding:	23.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-FEB-13	Finding:	23.7
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	11-FEB-13	Finding:	20.5
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	04-FEB-13	Finding:	7.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-FEB-13	Finding:	24.6
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-JAN-13	Finding:	21.4
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		

Sample date:	22-JAN-13	Finding:	28.1
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-JAN-13	Finding:	35.6
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	07-JAN-13	Finding:	6.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-JAN-13	Finding:	18.6
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	07-JAN-13	Finding:	6.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-JAN-13	Finding:	23.4
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-JAN-13	Finding:	16.7
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	26-DEC-12	Finding:	25.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-DEC-12	Finding:	23.2
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	10-DEC-12	Finding:	21.2
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	03-DEC-12	Finding:	19.2
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	03-DEC-12	Finding:	7.
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	26-NOV-12	Finding:	23.3
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-NOV-12	Finding:	20.2
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	13-NOV-12	Finding:	27.4
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	13-NOV-12	Finding:	205.9
Chemical:	MANGANESE	Report units:	UG/L

Dlr:	20.		
Sample date:	05-NOV-12	Finding:	25.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	05-NOV-12	Finding:	7.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	29-OCT-12	Finding:	201.1
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	29-OCT-12	Finding:	26.5
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	22-OCT-12	Finding:	25.6
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	15-OCT-12	Finding:	204.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	15-OCT-12	Finding:	26.2
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	08-OCT-12	Finding:	22.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	08-OCT-12	Finding:	206.8
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	01-OCT-12	Finding:	26.6
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	01-OCT-12	Finding:	202.4
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	01-OCT-12	Finding:	3.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	01-OCT-12	Finding:	8.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-OCT-12	Finding:	8.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	24-SEP-12	Finding:	2.7
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		

Sample date:	17-SEP-12	Finding:	2.4
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	10-SEP-12	Finding:	8.2
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	04-SEP-12	Finding:	203.8
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	04-SEP-12	Finding:	7.6
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	04-SEP-12	Finding:	23.1
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	04-SEP-12	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-SEP-12	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	28-AUG-12	Finding:	11.2
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	20-AUG-12	Finding:	200.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	20-AUG-12	Finding:	11.6
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	20-AUG-12	Finding:	22.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	20-AUG-12	Finding:	7.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	13-AUG-12	Finding:	25.2
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	06-AUG-12	Finding:	7.4
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	06-AUG-12	Finding:	22.2
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	06-AUG-12	Finding:	7.4
Chemical:	PH, FIELD	Report units:	Not Reported

Dlr:	0.		
Sample date:	06-AUG-12	Finding:	23.2
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	31-JUL-12	Finding:	28.6
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	31-JUL-12	Finding:	205.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	23-JUL-12	Finding:	206.6
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	23-JUL-12	Finding:	27.9
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-JUL-12	Finding:	28.8
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-JUL-12	Finding:	206.9
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	09-JUL-12	Finding:	28.6
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	09-JUL-12	Finding:	207.1
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	02-JUL-12	Finding:	7.4
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-JUL-12	Finding:	27.6
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	25-JUN-12	Finding:	203.6
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	25-JUN-12	Finding:	33.8
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	18-JUN-12	Finding:	209.6
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	18-JUN-12	Finding:	24.7
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		

Sample date:	12-JUN-12	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	0.58
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	360.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	90.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JUN-12	Finding:	0.34
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	12-JUN-12	Finding:	200.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	12-JUN-12	Finding:	59.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	3.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	54.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	9.6
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	60.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	640.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	170.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	190.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L

Dlr:	0.		
Sample date:	11-JUN-12	Finding:	3.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	11-JUN-12	Finding:	4.9
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	04-JUN-12	Finding:	206.8
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	04-JUN-12	Finding:	27.4
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	04-JUN-12	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	27.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	07-MAY-12	Finding:	24.6
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	07-MAY-12	Finding:	7.4
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	30-APR-12	Finding:	25.9
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	23-APR-12	Finding:	23.9
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	24.8
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	10-APR-12	Finding:	21.2
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-APR-12	Finding:	20.7
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-APR-12	Finding:	7.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	26-MAR-12	Finding:	18.4
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		

Sample date:	12-MAR-12	Finding:	24.5
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	07-MAR-12	Finding:	1.4
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	06-MAR-12	Finding:	30.2
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	06-MAR-12	Finding:	202.4
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	05-MAR-12	Finding:	7.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-FEB-12	Finding:	209.2
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	27-FEB-12	Finding:	32.8
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	21-FEB-12	Finding:	207.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	21-FEB-12	Finding:	27.3
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	13-FEB-12	Finding:	24.6
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	06-FEB-12	Finding:	25.6
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	06-FEB-12	Finding:	7.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		
Sample date:	30-JAN-12	Finding:	22.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	23-JAN-12	Finding:	25.2
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-JAN-12	Finding:	28.5
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	09-JAN-12	Finding:	25.4
Chemical:	IRON	Report units:	UG/L

Dlr:	100.		
Sample date:	05-JAN-12	Finding:	25.2
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	03-JAN-12	Finding:	7.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dlr:	0.		

H41
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000004809**

Well ID:	SL0603799992-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603799992&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603799992&assigned_name=MW-9		

H42
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000108427**

Well ID:	SL0603799992-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603799992&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603799992&assigned_name=MW-3		

H43
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000124373**

Well ID:	SL0603799992-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603799992&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603799992&assigned_name=MW-8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J44
NE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000035119**

Well ID:	02S12W27C001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S12W27C001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S12W27C001S&store_num=		
GeoTracker Data:	Not Reported		

K45
East
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000033381**

Well ID:	02S12W27K002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S12W27K002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S12W27K002S&store_num=		
GeoTracker Data:	Not Reported		

I46
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000124217**

Well ID:	SL0603799992-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603799992&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603799992&assigned_name=MW-1		

K47
East
1/2 - 1 Mile
Higher

CA WELLS **2871**

Seq:	2871	Prim sta c:	02S/12W-27K02 S
Frds no:	1910034006	County:	19
District:	07	User id:	4TH
System no:	1910034	Water type:	G
Source nam:	WELL 03 (OLD WELL 12) - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335800.0	Longitude:	1180717.0
Precision:	3	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910034	System nam:	Downey - City, Water Dept.
Hqname:	Not Reported	Address:	9252 Stewart & Gray Road
City:	Downey	State:	CA
Zip:	90241	Zip ext:	Not Reported
Pop serv:	91000	Connection:	23000
Area serve:	DOWNEY		

L48
West
1/2 - 1 Mile
Lower

CA WELLS 2842

Seq:	2842	Prim sta c:	02S/12W-20R01 S
Frds no:	1910108001	County:	19
District:	07	User id:	4TH
System no:	1910108	Water type:	G
Source nam:	WELL 03-C - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335800.0	Longitude:	1180900.0
Precision:	8	Status:	IU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910108	System nam:	Bell Gardens-City, Water Dept.
Hqname:	PARK WATER CO	Address:	7100 S. GARFIELD AVE.
City:	BELL GARDENS	State:	CA
Zip:	90201	Zip ext:	Not Reported
Pop serv:	12000	Connection:	1451
Area serve:	BELL GARDENS		

L49
West
1/2 - 1 Mile
Lower

CA WELLS 22692

Seq:	22692	Prim sta c:	G19/011-SYSTM01
Frds no:	1910011014	County:	19
District:	15	User id:	MET
System no:	1910011	Water type:	G
Source nam:	WELL GAGE 1 & 2 - TCE BLENDING	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	335800.0	Longitude:	1180900.0
Precision:	5	Status:	CT
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910011	System nam:	Scwc - Bell, Bell Gardens
Hqname:	SOUTHERN CALIF WATER CO	Address:	12035 Burke Street, #1
City:	Santa Fe Springs	State:	CA
Zip:	90670	Zip ext:	Not Reported
Pop serv:	48500	Connection:	7004
Area serve:	BELL-BELL GARDENS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

50
NNW
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000021066**

Well ID:	02S12W21Q001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S12W21Q001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S12W21Q001S&store_num=		
GeoTracker Data:	Not Reported		

51
ENE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000005501**

Well ID:	02S12W27G005S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S12W27G005S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S12W27G005S&store_num=		
GeoTracker Data:	Not Reported		

J52
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000139418**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W27C001S	Type:	Well
Description:	Not Reported	HUC:	18070105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	279
Well Depth Units:	ft	Well Hole Depth:	281
Well Hole Depth Units:	ft		

M53
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000059132**

Well ID:	SL0603799992-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603799992&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603799992&assigned_name=MW-10		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N54
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000107031**

Well ID:	SL0603799992-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603799992&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603799992&assigned_name=MW-6		

M55
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000065870**

Well ID:	SL0603799992-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603799992&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603799992&assigned_name=MW-7		

N56
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000084563**

Well ID:	SL0603799992-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603799992&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603799992&assigned_name=MW-5		

O57
ESE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000014796**

Well ID:	1910034-032	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 04	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910034-032&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O58
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAPFAS000000474**

Well ID:	1910034-032	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 04	GAMA PFAS Testing:	Yes
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910034-032&store_num=		
GeoTracker Data:	Not Reported		

P59
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00001712**

Well ID:	USGS-335735118085804	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-335735118085804	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-335735118085804&store_num=		
GeoTracker Data:	Not Reported		

P60
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00001452**

Well ID:	USGS-335735118085802	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-335735118085802	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-335735118085802&store_num=		
GeoTracker Data:	Not Reported		

P61
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000073645**

Well ID:	WDR100039811-591013	Well Type:	MONITORING
Source:	EDF	Other Name:	591013
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=WDR100039811&assigned_name=591013&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=WDR100039811&assigned_name=591013		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P62
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00006630**

Well ID:	USGS-335735118085803	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-335735118085803	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-335735118085803&store_num=		
GeoTracker Data:	Not Reported		

P63
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00004177**

Well ID:	USGS-335735118085805	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-335735118085805	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-335735118085805&store_num=		
GeoTracker Data:	Not Reported		

P64
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00016897**

Well ID:	USGS-335735118085801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-335735118085801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-335735118085801&store_num=		
GeoTracker Data:	Not Reported		

P65
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00008439**

Well ID:	USGS-335735118085806	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-335735118085806	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-335735118085806&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P66
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000139284**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W33D005S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	20070917	Well Depth:	1110
Well Depth Units:	ft	Well Hole Depth:	1823
Well Hole Depth Units:	ft		

P67
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000139283**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W33D004S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	20070917	Well Depth:	1410
Well Depth Units:	ft	Well Hole Depth:	1823
Well Hole Depth Units:	ft		

P68
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000139282**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W33D003S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	20070917	Well Depth:	1795
Well Depth Units:	ft	Well Hole Depth:	1823
Well Hole Depth Units:	ft		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P69
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000139287**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W33D008S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	20070917	Well Depth:	390
Well Depth Units:	ft	Well Hole Depth:	1823
Well Hole Depth Units:	ft		

P70
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000139286**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W33D007S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	20070917	Well Depth:	575
Well Depth Units:	ft	Well Hole Depth:	1823
Well Hole Depth Units:	ft		

P71
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000139285**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W33D006S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	20070917	Well Depth:	875
Well Depth Units:	ft	Well Hole Depth:	1823
Well Hole Depth Units:	ft		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M72
NNE **CA WELLS** **CAEDF0000078722**
1/2 - 1 Mile
Higher

Well ID:	SL0603799992-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603799992&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603799992&assigned_name=MW-4		

Q73
SSE **CA WELLS** **2893**
1/2 - 1 Mile
Lower

Seq:	2893	Prim sta c:	02S/12W-34G01 S
Frds no:	1910034011	County:	19
District:	07	User id:	4TH
System no:	1910034	Water type:	G
Source nam:	WELL 09 (OLD WELL 04)	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335717.0	Longitude:	1180740.0
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910034	System nam:	Downey - City, Water Dept.
Hqname:	Not Reported	Address:	9252 Stewart & Gray Road
City:	Downey	State:	CA
Zip:	90241	Zip ext:	Not Reported
Pop serv:	91000	Connection:	23000
Area serve:	DOWNEY		

Sample date:	10-JAN-17	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		

Sample date:	10-JAN-17	Finding:	3.5
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	10-JAN-17	Finding:	0.46
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		

Sample date:	10-JAN-17	Finding:	460.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	10-JAN-17	Finding:	1.3
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dlr:	1.		

Sample date:	10-JAN-17	Finding:	0.32

Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	10-JAN-17	Finding:	110.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	10-JAN-17	Finding:	80.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	3.7
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	54.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	13.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	66.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	220.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	3.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-JAN-17	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	7.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	730.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	1.3
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	0.245
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-AUG-16	Finding:	0.435
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	09-MAR-16	Finding:	2.5
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-MAR-16	Finding:	2.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-DEC-15	Finding:	1.67
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-DEC-15	Finding:	1.61
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-AUG-15	Finding:	1.44
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-AUG-15	Finding:	1.81
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-MAY-15	Finding:	1.49
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-MAY-15	Finding:	5.5e-002
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	05-MAY-15	Finding:	0.908
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	24-MAR-15	Finding:	1.69
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	24-MAR-15	Finding:	2.24
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-DEC-14	Finding:	0.58
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-FEB-14	Finding:	14.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	67.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	220.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

Dlr:	0.		
Sample date:	13-FEB-14	Finding:	150.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	7.82
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	690.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	52.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	100.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	13-FEB-14	Finding:	0.22
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	13-FEB-14	Finding:	410.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	0.48
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	72.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	23-AUG-12	Finding:	0.56
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Q74
SE
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000006179**

Well ID:	1910034-011	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 09 (OLD WELL 04)	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910034-011&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

75
NW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000026296**

Well ID:	02S12W28D005S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S12W28D005S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S12W28D005S&store_num=		
GeoTracker Data:	Not Reported		

R76
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000007225**

Well ID:	1910011-003	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	CLARA WELL 01 - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910011-003&store_num=		
GeoTracker Data:	Not Reported		

S77
NE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000125429**

Well ID:	T0603700984-MW07A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW07A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603700984&assigned_name=MW07A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603700984&assigned_name=MW07A		

S78
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000101353**

Well ID:	T0603700984-MW06A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW06A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603700984&assigned_name=MW06A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603700984&assigned_name=MW06A		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

79
West
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000032968**

Well ID:	02S12W29J001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S12W29J001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S12W29J001S&store_num=		
GeoTracker Data:	Not Reported		

S80
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000009654**

Well ID:	T0603700984-MW04	Well Type:	MONITORING
Source:	EDF	Other Name:	MW04
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603700984&assigned_name=MW04&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603700984&assigned_name=MW04		

S81
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000041658**

Well ID:	T0603700984-MW04A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW04A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603700984&assigned_name=MW04A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603700984&assigned_name=MW04A		

S82
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000139491**

Well ID:	T0603700984-MW03	Well Type:	MONITORING
Source:	EDF	Other Name:	MW03
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603700984&assigned_name=MW03&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603700984&assigned_name=MW03		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R83
WSW
1/2 - 1 Mile
Lower

CA WELLS **2876**

Seq:	2876	Prim sta c:	02S/12W-28N03 S
Frds no:	1910011003	County:	19
District:	15	User id:	MET
System no:	1910011	Water type:	G
Source nam:	CLARA WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335742.6	Longitude:	1180905.7
Precision:	2	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910011	System nam:	Scwc - Bell, Bell Gardens
Hqname:	SOUTHERN CALIF WATER CO	Address:	12035 Burke Street, #1
City:	Santa Fe Springs	State:	CA
Zip:	90670	Zip ext:	Not Reported
Pop serv:	48500	Connection:	7004
Area serve:	BELL-BELL GARDENS		

S84
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000140486**

Well ID:	T0603700984-MW01A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW01A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603700984&assigned_name=MW01A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603700984&assigned_name=MW01A		

85
NE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000006278**

Well ID:	02S12W27B002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S12W27B002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S12W27B002S&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

S86
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000035372**

Well ID:	T0603700984-MW02	Well Type:	MONITORING
Source:	EDF	Other Name:	MW02
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603700984&assigned_name=MW02&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603700984&assigned_name=MW02		

S87
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000104719**

Well ID:	T0603700984-MW02A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW02A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603700984&assigned_name=MW02A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603700984&assigned_name=MW02A		

S88
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000068228**

Well ID:	T0603700984-MW05	Well Type:	MONITORING
Source:	EDF	Other Name:	MW05
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603700984&assigned_name=MW05&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603700984&assigned_name=MW05		

S89
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000080166**

Well ID:	T0603748010-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603748010&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603748010&assigned_name=MW-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

T90
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000063110**

Well ID:	T0603748010-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603748010&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603748010&assigned_name=MW-4		

91
ENE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000021652**

Well ID:	1910034-004	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 (OLD WELL 13) - INACTIVE		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910034-004&store_num=		
GeoTracker Data:	Not Reported		

92
ENE
1/2 - 1 Mile
Higher

CA WELLS **2870**

Seq:	2870	Prim sta c:	02S/12W-27H01 S
Frds no:	1910034005	County:	19
District:	07	User id:	4TH
System no:	1910034	Water type:	G
Source nam:	WELL 02 (OLD WELL 08)	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335815.0	Longitude:	1180710.0
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910034	System nam:	Downey - City, Water Dept.
Hqname:	Not Reported	Address:	9252 Stewart & Gray Road
City:	Downey	State:	CA
Zip:	90241	Zip ext:	Not Reported
Pop serv:	91000	Connection:	23000
Area serve:	DOWNEY		

Sample date:	10-JAN-17	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		

Sample date:	10-JAN-17	Finding:	360.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

Dlr:	0.		
Sample date:	10-JAN-17	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	10-JAN-17	Finding:	75.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	10-JAN-17	Finding:	54.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	3.1
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	49.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	9.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	48.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	160.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-JAN-17	Finding:	150.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	120.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	7.3
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	2.1
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-AUG-16	Finding:	0.249
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	10-AUG-16	Finding:	0.418
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-MAR-16	Finding:	2.1
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-MAR-16	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-DEC-15	Finding:	1.61
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-DEC-15	Finding:	1.28
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-MAY-15	Finding:	1.44
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-MAY-15	Finding:	1.02
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	24-MAR-15	Finding:	1.84
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	24-MAR-15	Finding:	1.47
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-FEB-15	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-FEB-14	Finding:	320.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	0.26
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	13-FEB-14	Finding:	74.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	13-FEB-14	Finding:	53.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	44.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	9.8
Chemical:	MAGNESIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	13-FEB-14	Finding:	46.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	160.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	130.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	110.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	510.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	0.31
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-FEB-14	Finding:	0.33
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	13-FEB-14	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	13-FEB-14	Finding:	3.4
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-FEB-13	Finding:	8.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-FEB-12	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

T93
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000107874**

Well ID:	T0603748010-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603748010&assigned_name=MW-3&store_num=
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603748010&assigned_name=MW-3

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
North **OIL_GAS** **CAOG14000005437**
1/4 - 1/2 Mile

API #:	0403705727	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Gage	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

2
South **OIL_GAS** **CAOG14000005781**
1/2 - 1 Mile

API #:	0403706147	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Taylor	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

3
NNE **OIL_GAS** **CAOG14000005438**
1/2 - 1 Mile

API #:	0403705728	Well #:	K-B1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Lease by Oak Ridge Oil Co.		
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

4
NE **OIL_GAS** **CAOG14000005439**
1/2 - 1 Mile

API #:	0403705729	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Ogden	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

Map ID
Direction
Distance

Database EDR ID Number

5
North **OIL_GAS** **CAOG14000005958**
1/2 - 1 Mile

API #:	0403726306	Well #:	8
Well Status:	Idle	Well Type:	Core Hole
Lease Name:	VS Core Hole	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	Unknown
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

6
NE **OIL_GAS** **CAOG14000005962**
1/2 - 1 Mile

API #:	0403726310	Well #:	12
Well Status:	Idle	Well Type:	Core Hole
Lease Name:	VS Core Hole	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	Unknown
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

7
NNW **OIL_GAS** **CAOG14000005180**
1/2 - 1 Mile

API #:	0403705356	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	East Los Angeles Community		
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

8
NE **OIL_GAS** **CAOG14000005440**
1/2 - 1 Mile

API #:	0403705730	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Rossi	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

9
SSW
1/2 - 1 Mile

OIL_GAS **CAOG14000005354**

API #:	0403705560	Well #:	1
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Lease by E. A. Lamb	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

10
ENE
1/2 - 1 Mile

OIL_GAS **CAOG14000005219**

API #:	0403705421	Well #:	1
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Kellam	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90240	6	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, 2010 and 2015 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.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

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.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
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.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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.

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

Â© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

EPA REGION IX SITE SCREENING/PRIORITIZATION CHECKLIST

This review checklist is to be used by individual site screening staff when reviewing sites which have been brought to the attention of EPA or the State. Each site is reviewed on the merits of the discovery documentation and additional information gathered during the screening process. The guiding principal in evaluating a given site is to use common sense in assessing the information and subsequently presenting the site and its known hazardous potential to the SST. All sections of this form are to be completed for both screens and prioritizations.

1.0 GENERAL INSTRUCTIONS

Complete Section 1 for the site using readily available information and contacting appropriate individuals. A contact log (Attachment A) should be used to document information gained through correspondence, interviews, and telephone calls. Handwriting is acceptable if it is legible. Attach extra pages if necessary.

1.1 Site Information

Site Name: WEST COAST RUBBER

Alias Name: WILCOX MACHINE CO.

Site Street Address: 7180 SCOUT AVE.

City, County, State: BELL GARDENS, LOS ANGELES, CA

EPA ID Number: CAD981662711

Site Screener: YASSER AREF Date: 12/28/99

Date of Discovery:

Discovery Vehicle:

[ ] County Referral
[ ] Citizen Petition
[ ] RCRA Referral
[X] Site Discovery Project
[ ] State Referral
[ ] State PA/SI Grant
[ ] Nonemergency Release Report
[ ] Lawsuit
[ ] Removal
[ ] Newspaper
[ ] Other

Is this site part of an NPL site? [ ] Yes [X] No

CERCLIS Status:
[ ] NFA
[ ] Not in CERCLIS
[ ] Discovery
[ ] SI
[ ] Other/Specify: _____
[ ] PA
[ ] ESI
[X] Site Discovery Project Area: BELL GARDENS

State oversight role:
PA/SI Cooperative Agreement [x] Yes [ ] No [ ] Not applicable
Cooperative Agreement Number: V999252 -02

EPA Project Officer: Rachel Loftin

RCRA Status:
[x] Generator
[ ] TSDF
[ ] Transporter
[ ] Not listed in RCRIS

In a State Database(s)? [X] Yes [ ] No If yes, specify. HAZNET

CURRENT ACTIVITY: **[X] Site Screening** **[ ] Site Prioritization**

1.2 CERCLA Eligibility

If the answer to question 1 is "No", or if the answer to any question of 2 through 8 is "Yes", the site is ineligible for CERCLA evaluation and the decision at the bottom of this page is "No Further Action Under CERCLA". A "yes" answers to questions 9 through 16 identifies sites that may not be appropriate for CERCLA evaluation without further justification. If a question cannot be answered, explain why in the Comments section below.

1.	Has a release of hazardous substances, pollutants, or contaminants occurred?	[ ] Yes [ ] No
2.	Does the release or threat of release consist only of crude oil or unaltered petroleum product?	[ ] Yes [X] No
3.	Is the site subject to corrective action under RCRA Subtitle C (hazardous waste treatment, storage, or disposal facility)?	[ ] Yes [X] No
4.	Does the release or threatened release fall under the jurisdiction of the Uranium Mill Tailings Radiation Control Act (UMTRCA)?	[ ] Yes [X] No
5.	Does the release or threatened release fall under the jurisdiction of the Atomic Energy Act (AEA)?	[ ] Yes [X] No
6.	Is the release or threatened release a result of a legal application of pesticides under Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)?	[ ] Yes [X] No
7.	Is the release or threatened release regulated under the Oil Pollution Act (OPA)?	[ ] Yes [X] No
8.	Is the release or threatened release permitted under the Nuclear Regulatory Commission (NRC)?	[ ] Yes [X] No
9.	Is the site a federal facility?	[ ] Yes [X] No
10.	Is the site outside of U.S. boundaries?	[ ] Yes [X] No
11.	Is the site outside of EPA, Region IX borders?	[ ] Yes [X] No
12.	Is the site within Native American Tribal lands?	[ ] Yes [X] No
13.	Is the site currently under the control and management of a state/local agency? If yes, which agencies?	[X] Yes [ ] No
14.	Is the site currently operating?	[X] Yes [ ] No
15.	Is the site address valid?	[X] Yes [ ] No
16.	Has the site been investigated under an alias?	[X] Yes [ ] No

Comments: Q1. Unknown
Q13. LA County Fire Dept.

DECISION: **[ ] No Further Action Under CERCLA**

[X] Go to Section 2

2.0 TECHNICAL INFORMATION

This section contains information about site's operational history and environmental sampling. Complete the following section by filling in the blanks or checking the appropriate boxes. If a question cannot be answered, explain why. If a drive-by is performed, complete Attachment B.

2.1 Operational History

1a. List present site owner(s) and operator(s). [Include dates of ownership]:
Wilcox Machine Company 1982 - present
George Schofhauser, Kurt Anderegg

1b. Are hazardous substances presently on site? [x] Yes [ ] No
If yes, how and where are substances stored and used?
55 gallon drums with secondary containment. The substances are used in the machining process as lubricants and to clean parts (kerosene).

2a. List historic site owner(s) and operator(s). [Include dates of ownership]:
A. L. McIntosh (at least) 1971-1982

2b. Were hazardous substances present on site in the past? [ ] Yes [ ] No
If yes, how and where were substances stored and used? Describe past operations briefly.
Unknown

Additional comments:

2.2 Contaminant(s):

List any hazardous substances, pollutants, or contaminants that have been identified at the site and indicate whether they have been quantified (e.g., by sampling).

		Suspected	Identified	Quantified	Comments
[ ]	Ammonia	[ ]	[ ]	[ ]	
[ ]	Arsenic	[ ]	[ ]	[ ]	
[ ]	Asbestos	[ ]	[ ]	[ ]	
[ ]	Beryllium	[ ]	[ ]	[ ]	
[ ]	Cadmium	[ ]	[ ]	[ ]	
[ ]	Carbon tetrachloride	[ ]	[ ]	[ ]	
[ ]	Chloroform	[ ]	[ ]	[ ]	
[ ]	Chromium (+3 or +6)	[ ]	[ ]	[ ]	
[ ]	Copper	[ ]	[ ]	[ ]	
[ ]	Cyanide	[ ]	[ ]	[ ]	
[ ]	Dichloroethene,1,1-	[ ]	[ ]	[ ]	
[ ]	Dioxin	[ ]	[ ]	[ ]	
[ ]	Ethyl benzene	[ ]	[ ]	[ ]	
[ ]	Lead	[ ]	[ ]	[ ]	
[ ]	Mercury	[ ]	[ ]	[ ]	
[ ]	Methylene chloride	[ ]	[ ]	[ ]	
[ ]	Nickel	[ ]	[ ]	[ ]	
[ ]	P-Dichlorobenzene	[ ]	[ ]	[ ]	
[ ]	Pentachlorophenol	[ ]	[ ]	[ ]	
[ ]	Phenol	[ ]	[ ]	[ ]	
[ ]	Polychlorinated biphenyls (PCBs)	[ ]	[ ]	[ ]	
[X]	Polyaromatic hydrocarbons (PAHs)	[ ]	[X]	[ ]	NAPTHALENE
[X]	Tetrachloroethylene	[X]	[ ]	[ ]	
[ ]	Toluene	[ ]	[ ]	[ ]	
[X]	Trichloroethylene	[X]	[ ]	[ ]	
[ ]	Vinyl chloride	[ ]	[ ]	[ ]	
[ ]	Xylene	[ ]	[ ]	[ ]	
[ ]	Zinc	[ ]	[ ]	[ ]	
[x]	Other chemicals (List): Benzene	[ ]	[x]	[ ]	

Additional Comments: MSDS for cutting oil used at site lists unspecified chlorinated compounds.

2.3 Has a release as defined in CERCLA Section 101(22) occurred?

[ ] Yes [ ] Suspected [x] No

Identify the source(s) of the release or suspected release (e.g., drums, landfill, surface impoundment, waste pile, etc.):

2.4 Pathway(s) of contaminant migration:

[ ] Air [x] Groundwater [ ] Surface Water [X] Soil

Briefly describe any identified pathway: Most probable pathway of solvents would be from soil to groundwater.

2.5 Sampling History

1. Has sampling been conducted? [ ] Yes [x] No
2. If environmental sampling has been conducted, use the Sampling Event Summary Table, Attachment C, to record the information.

2.6 Additional Information

Use this space to present additional information that may be used to support site screening decisions.

3.0 REMOVAL ASSESSMENT CRITERIA — NCP EVALUATION

Use the following criteria to determine if the site should be referred to EPA's Removal Section. If the answer to any question is yes, get EPA concurrence for the decision. If all answers are no, go to Section 4. If a question cannot be answered, explain why in the Comments section below.

1. Is there actual or potential exposure to nearby populations, animals, or the food chain from hazardous substances, pollutants, or contaminants? [ ] Yes [x] No
2. Is there actual or potential contamination of drinking supplies or sensitive ecosystems? [ ] Yes [x] No
3. Are hazardous substances, pollutants, or contaminants in drums, barrels, tanks, or other bulk storage containers which may pose a threat of release? [ ] Yes [x] No
4. Are there high levels of hazardous substances, pollutants, or contaminants is soils largely at or near the surface, which may migrate and affect populations or the environment? [ ] Yes [x] No
5. Could weather conditions cause hazardous substances, pollutants, or contaminants to migrate or be released? [ ] Yes [x] No
6. Is there a threat of fire or explosion? [ ] Yes [x] No
7. Are there appropriate Federal or State response mechanisms to respond to the release or potential release? [x] Yes [ ] No
8. Are there other situations or factors which may pose threats to public health, welfare, or the environment? [ ] Yes [x] No
9. For the situation where there appears to be primarily a groundwater contamination problem, is there a near-surface source which can be removed? [ ] Yes [ ] No

Comments: _____

DECISION:

[ ] Removal Assessment

[ ] Expanded Removal Assessment

[x] Not Appropriate For Removal Action

4.0 OTHER INFLUENCING FACTORS

Assign a high, medium, or low priority category to each of the following factors and then use these factors to help make preliminary recommendations in Section 5. A high priority influence may indicate that a Preliminary Assessment should be conducted as a high priority without regard to other screening factors.

Other Influences	High	Medium	Low
1. Site remedial/ removal history	[X] None	[ ] Some	[ ] All wastes removed
2. Regulatory involvement	[ ] No involvement	[ ] Somewhat involved	[X] Other agency currently active
3. Environmental justice	[X] Site is in low income/minority neighborhood		[ ] Site is not in low income or minority neighborhood
4. Brownfields/ Redevelopment	[ ] Possible candi-date		[X] Not a likely candidate
5. Political attention	[ ] Very visible/vocal	[ ] Some involve-ment	[X] None
6. Public attention	[ ] Very visible/vocal	[ ] Some involve-ment	[X] None
7. Remedial Costs	[ ] Likely very expensive or diffi-cult		[X] Easy and relatively cheap

Comments:

OTHER INFLUENCING FACTORS CATEGORY:

HIGH **MEDIUM** **LOW**

5.0 SITE PRIORITIZATION WORKSHEET

Site Name: WEST COAST RUBBER
EPA ID Number: CAD981662711
Site Screen: X
Site Screener: YASSER AREF
Date: 12/28/99
Site Prioritization: _____

The following risk-based criteria should be used as a guideline to assist in the prioritization of pre-CERCLIS and CERCLIS sites. These guidelines can be used in various stages of assessment. When interpreting the information provided below, one should understand that conservative assumptions were made where information is lacking and the risk value is subjective.

Site screeners should complete this form by using the categories as guidelines. The "Notes" sections should be used to document assumptions made, data sources, or other information pertinent to determining risk prioritization. For benchmarks, use industrial/residential PRGs for soil, MCLs for groundwater, and NOAA standards for sediments.

5.1 HAZARDS IDENTIFICATION

Complete the sections below for the suspected contaminants of greatest concern. Use SCDMs as a reference for assigning hazardous substance risk category. Assign a Hazard Factor for each hazardous substance evaluated and then assign an Overall Hazard Factor Value combining the separate Hazard Factors. If only one hazardous substance is evaluated, the Overall Hazard Factor Value will be the same as the Hazard Factor for A. Create sections for "Hazardous Substance C" and "D" if necessary.

HAZARDOUS SUBSTANCE A: TETRACHLOROETHYLENE

Estimate the risk associated with the hazard properties for this hazardous substance.

Hazard Property	HIGH	MEDIUM	LOW
Quantity	[ ] ≥10,000 lbs; or or 5 mil. gals; or or 25,000 yds^3	[ ] <10,000 lbs and ≥100 lbs; or <5 mil. gals and ≥50,000 gals; or <25,000 yds^3 and ≥250 yds^3	[X] <100 lbs. or 50,000 gals. or 250 yds^3
Toxicity	[ ] ≥10,000	[X] <10,000 and ≥100	[ ] <100
Mobility	[X] 1	[ ] <1 and ≥0.001	[ ] <0.001
Bioavailabilty	[ ] ≥1,000	[X] <1,000 and ≥10	[ ] <10
Concentration (if known)	[ ] ≥benchmark = sample = _____	[ ] near benchmark = sample = _____	[ ] low relative to benchmark = _____ sample = _____
Level of Containment	[ ] None	[X] Partial (explain below)	[ ] Full (explain below)
Hazard Factor for A	**HIGH**	**MEDIUM**	**LOW**

Comments: Pavement is considered partial containment.

HAZARDOUS SUBSTANCE B: TRICHLOROETHYLENE

Estimate the risk associated with the hazard properties for this hazardous substance.

Hazard Property	HIGH	MEDIUM	LOW
Quantity	[ ] ≥10,000 lbs; or or 5 mil. gals; or or 25,000 yds^3	[ ] <10,000 lbs and ≥100 lbs; or <5 mil. gals and ≥50,000 gals; or <25,000 yds^3 and ≥250 yds^3	[X] <100 lbs. or 50,000 gals. or 250 yds^3
Toxicity	[ ] ≥10,000	[ ] <10,000 and ≥100	[X] <100
Mobility	[X] 1	[ ] <1 and ≥0.001	[ ] <0.001
Bioavailabilty	[ ] ≥1,000	[X] <1,000 and ≥10	[ ] <10
Concentration (if known)	[ ] ≥benchmark = sample = _____	[ ] near benchmark = sample = _____	[ ] low relative to benchmark = _____sample = _____
Level of Containment	[ ] None	[X] Partial (explain below)	[ ] Full (explain below)
Hazard Factor for B	HIGH	MEDIUM	LOW

Comments: Pavement is considered partial containment for TCE.

HAZARDOUS SUBSTANCE C: BENZENE

Estimate the risk associated with the hazard properties for this hazardous substance.

Hazard Property	HIGH	MEDIUM	LOW
Quantity	[ ] ≥10,000 lbs; or or 5 mil. gals; or or 25,000 yds^3	[ ] <10,000 lbs and ≥100 lbs; or <5 mil. gals and ≥50,000 gals; or <25,000 yds^3 and ≥250 yds^3	[X] <100 lbs. or 50,000 gals. or 250 yds^3
Toxicity	[ ] ≥10,000	[X] <10,000 and ≥100	[ ] <100
Mobility	[X] 1	[ ] <1 and ≥0.001	[ ] <0.001
Bioavailabilty	[X] ≥1,000	[ ] <1,000 and ≥10	[ ] <10
Concentration (if known)	[ ] ≥benchmark = sample = _____	[ ] near benchmark = sample = _____	[ ] low relative to benchmark = _____sample = _____
Level of Containment	[ ] None	[X] Partial (explain below)	[ ] Full (explain below)
Hazard Factor for C	HIGH	MEDIUM	LOW

Comments: Pavement is considered partial containment for benzene.

HAZARDOUS SUBSTANCE D: NAPTHALENE

Estimate the risk associated with the hazard properties for this hazardous substance.

Hazard Property	HIGH	MEDIUM	LOW
Quantity	[ ] ≥10,000 lbs; or or 5 mil. gals; or or 25,000 yds^3	[ ] <10,000 lbs and ≥100 lbs; or <5 mil. gals and ≥50,000 gals; or <25,000 yds^3 and ≥250 yds^3	[X] <100 lbs. or 50,000 gals. or 250 yds^3
Toxicity	[ ] ≥10,000	[X] <10,000 and ≥100	[ ] <100
Mobility	[X] 1	[ ] <1 and ≥0.001	[ ] <0.001
Bioavailabilty	[ ] ≥1,000	[X] <1,000 and ≥10	[ ] <10
Concentration (if known)	[ ] ≥benchmark = sample =	[ ] near benchmark = sample =	[ ] low relative to benchmark = sample =
Level of Containment	[ ] None	[ ] Partial (explain below)	[X] Full (explain below)
Hazard Factor for D	HIGH	MEDIUM	LOW

Comments: Low risk estimate because of small quantities used.

OVERALL HAZARD FACTOR VALUE: HIGH MEDIUM LOW

5.2 VULNERABILITY ANALYSIS

Assign a risk category to each of the following vulnerability factors. Assign an Overall Vulnerability Factor Value for the site based on the dominant vulnerability risk categories.

Vulnerability Factor	High	Medium	Low
1. Environmental Setting - Land use within 0.5 miles of the site	[X] Residential	[ ] Agricultural/ Commercial	[ ] Industrial
2. Sensitive Populations - Children, the elderly, or groups with poor health live:	[X] Within 0.25 miles of site		[ ] More than 0.25 miles from site
3. Population Density - Evaluate within 0.5 miles.	[ ] Dense	[X] Moderate	[ ] Sparse
4. Groundwater Use - Wells used for drinking water are located:	[ ] Within 0.5 miles of the site	[X] 0.5 to 2 miles from site	[ ] More than 2 miles from site
5. Groundwater Contamination - Evaluate groundwater contamination within 2 miles of the site.	[X] Known	[ ] Possible	[ ] Not likely
6. Surface Water Location - Distance to nearest surface water body. If used for drinking water or known to be contaminated, bump to next higher risk category.	[ ] Within 0.5 miles of the site	[ ] 0.5 to 2 miles from site	[X] More than 2 miles from site
7. Sensitive Habitats - Distance to nearest sensitive habitat. If known or projected contamination within habitat, bump to next higher risk category.	[ ] Within 0.5 miles of the site	[ ] 0.5 to 2 miles from site	[X] More than 2 miles from site
8. Soil/Air Contamination - Evaluate the potential for exposure to individuals from contaminated soil or air releases.	[ ] Documented or probable exposure	[ ] Potential for exposure	[X] Exposure not likely
9. Sampling Data Confidence - Evaluate the quality of any data available for the site.	[ ] No oversight; no QA/QC; no data	[ ] Regulatory oversight; EPA methods; partial or unknown QA/QC	[ ] Regulatory oversight; EPA methods; QA/QC validation

Notes: No sampling has been performed at this site. There is no history of a release or spill.

OVERALL VULNERABILITY FACTOR VALUE: **HIGH** **MEDIUM** **LOW**

5.3 PRIORITIZATION SCREENING RISK ANALYSIS

Assign a Site Priority Level based on the dominant risk categories given for the hazard and vulnerability factor values.

OTHER INFLUENCING FACTORS	HIGH	MEDIUM	LOW
HAZARD FACTOR VALUE	HIGH	MEDIUM	LOW
VULNERABILITY FACTOR VALUE	HIGH	MEDIUM	LOW

Additional Comments: _____

OVERALL SITE PRIORITY LEVEL: **HIGH** **MEDIUM** **LOW**

6.0 SITE RECOMMENDATION

Site Name: WEST COAST RUBBER **Site Screener:** YASSER AREF
EPA ID Number: CAD981662711 **Date:** 12/28/99

6.1. Further Site Assessment Warranted

6.1.a Under DTSC Lead [ ]

Recommend further site investigation under DTSC lead.

6.1.b Under EPA Cooperative Agreement
High Priority [ ] **Medium Priority** [ ] **Low Priority** [X]

Recommend further site investigation under the EPA cooperative agreement.

6.2. Recommended for Removal Assessment or Expanded Removal Assessment [ ] [ ]

Recommend referral to EPA's Removal Section.

6.3. Referral To DTSC'S Hazardous Waste Management Program (REFRC) [ ]

Recommend REFRC for sites that can be remediated as a Corrective Action under H&S Code 25187.

6.4 Referral to Regional Water Quality Control Board (REFRW) [ ]

Recommend REFRW for sites that fall under RWQCB authority and for which RWQCB is providing oversight of investigation/remediation.

6.5 Referral to another agency (REFOA) [ ]

Recommend REFOA for sites where another agency (other than RWQCB) including DTSC is providing or has provided oversight. Name agency below.

6.6 No Action Under CERCLA [ ]

Recommend No Action for sites where documented contamination is not significant by EPA/DTSC standards and the presence of greater contamination is unlikely.

Comments: _____

_____

EPA CONCURRENCE: _____
signature date

Attachment A

SITE SCREENING CONTACT LOG

Site Name: WEST COAST RUBBER

Site Screener: YASSER AREF

Contact Name	Affiliation	Telephone Number	Date	Discussion
West Coast Rubber		(562)927-5353	9/1/99	Request for information letter sent.
Jill Wigley	Office Manager	(562)927-5353	9/20/99	Reply to information request sent to DTSC.
Tom Klinger	LA County Health/ Hazmat	(323)890-4046	12/16/99	Sent fax request for information on site.
Tom Klinger	LA County Health/ Hazmat	(323)890-4046	12/27/99	Mr. Klinger called to state that he had no information on this site.
Tom Anderegg	Vice President	(562)927-5353	12/28/99	Requested MSDS for substances listed in Hazardous Materials Inventory.
Tom Anderegg	Vice President	(562)927-5353	12/29/99	Received MSDS for substances listed in Hazardous Materials Inventory

ATTACHMENT B

SITE SCREENING OBSERVATION RECORD

Site Name: __WEST COAST RUBBER__ **Site Screener:** YASSER AREF__
EPA ID Number: _CAD981662711_____ **Date:** 12/28/99_____

1. Status:
Active ___X_____ Different Company _____
Inactive _____ _____

2. Setting:
Residential _____ Commercial _____
Industrial __X_____ Agricultural _____
Paved ____X_____ Unpaved _____
Restricted access _X_____ Unrestricted access _____
Near RR tracks _____ Near drainage _____

Vegetation_____
Topography_____

3. Visibility: __GOOD_____

4. Waste Description/ Containment:
Pit _____ Ditch _____
Tanks _____ Buckets _____
Dumpster _____ Sacks _____
Scattered _____ Other _____
Pond _____ Trash Can _____
Drums __X_____ Piles _____

Stored On:
Asphalt __X_____ Pallets __X_____
Concrete _____ Other _____
Bare Ground _____ Gravel _____

Waste Type:
Garbage _____ Liquid __X_____
Sludge _____ Gas _____
Inert _____ Solid _____

Describe quantities, labelling, colors, odors, etc.: _____

5. Distance to surface water and sensitive environments or ecosystems:
__MORE_THAN_2_MILES_____

6. Proximity to residences, schools, daycare facilities, hospitals, nursing homes, etc.:
___WITHIN_.25_MILES_____

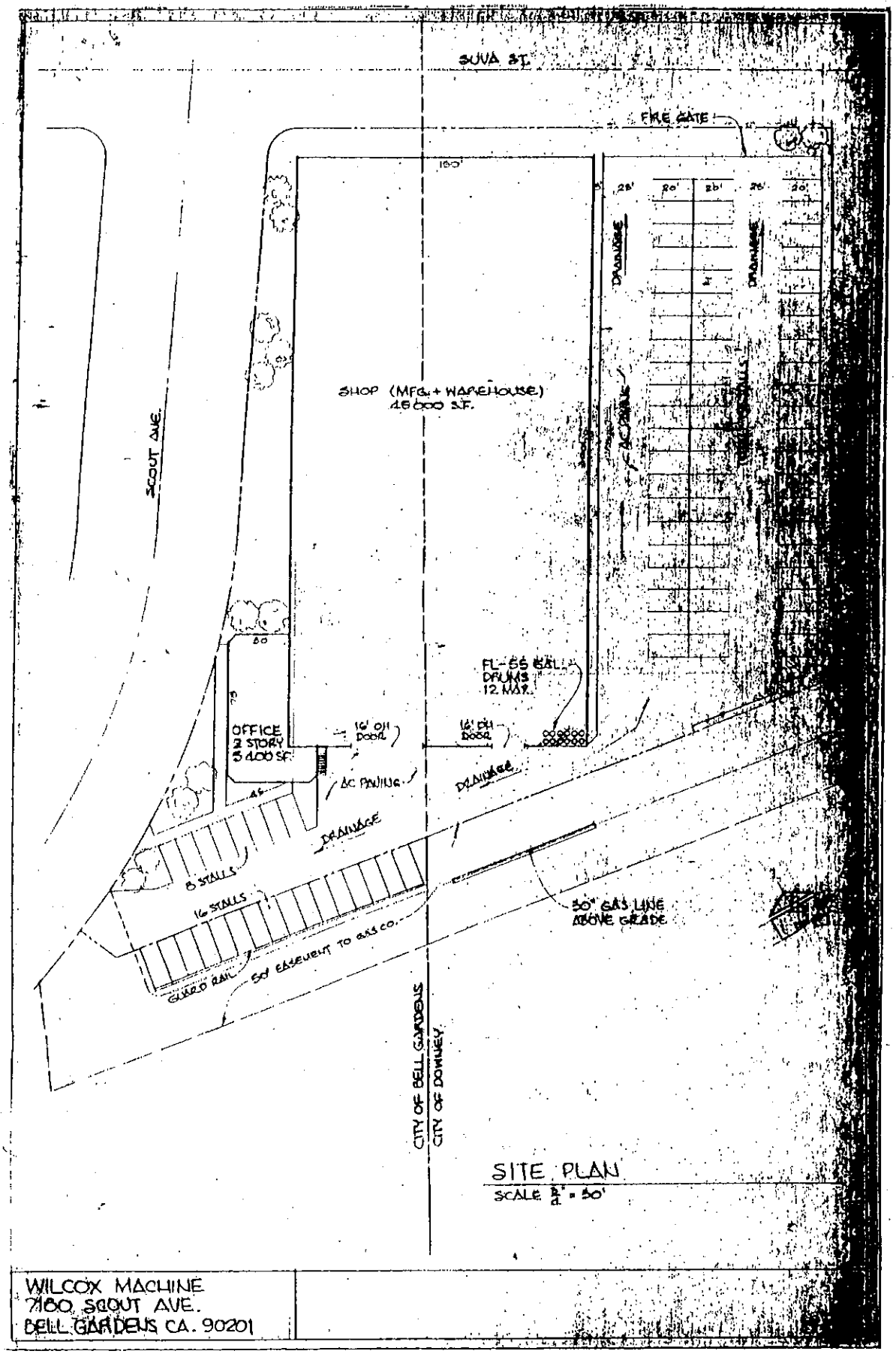
7. **Estimated number of people living or working in the area:** 50000

8. **Distance to food processing/packaging or agricultural production:** More than 2 miles

9. **Additional Information:**

10. Sketch or attach a diagram of the facility with relevant features and labels.

#4


SUVA ST.
FIRE GATE
SCOUT AVE.
SHOP (MFG. + WAREHOUSE)
46 000 S.F.
DRAINAGE
DRAINAGE
AC PAVING
OFFICE
2 STORY
5 400 SF
16' OH DOOR
16' OH DOOR
FL-55 GAL DRUMS
12 MAX.
AC PAVING
DRAINAGE
DRAINAGE
8 STALLS
16 STALLS
GUARD RAIL
50' EASEMENT TO GAS CO.
50" GAS LINE
ABOVE GRADE
CITY OF BELL GARDENS
CITY OF DOWNEY
SITE PLAN
SCALE 1/8" = 50'
WILCOX MACHINE
7180 SCOUT AVE.
BELL GARDENS CA. 90201

Attachment C

SITE SCREENING SAMPLING EVENT SUMMARY TABLE

Site Name: _____ **Site Screener:** _____

Date	Event	Media	Location	Depth	Method	Quality	Result	Benchmark

Key:

Date - Date sample was collected.
Event - Who did it and why?
Media - e.g., groundwater, soil, air, etc.
Sample Location - Physical location with respect to source (e.g., up-or downgradient).

Sample Depth - For soil, depth below ground surface sample was collected. For groundwater, depth of well screen.
Method - Analytical testing method used.

Data Quality - QA/QC level (high, medium, or low)
Result - Analytical results (parameter/value, units)
Benchmark - Risk-based benchmark for parameters in the same units as results. Identify which benchmark used (for soil use PRGs (industrial/residential) for water use MCLs). Sediments NOAA standards.

WILCOX MACHINE CO.

7180 SCOUT AVE. • P.O. BOX 2159 • BELL GARDENS, CA 90201
(562) 927-5353 • FAX (562) 806-4628

HEAVY MACHINE WORK AND FABRICATING
ENGINEERING AND EQUIPMENT MANUFACTURING

September 20,1999

Department of Toxic Substances Control
Southern California Cleanup Operations Branch B
5796 Corporate Avenue
Cypress, CA 90630

Attn: G. Holmes

RE: Parcels #6358-019-012 & #6358-019-013

Response to Information Request:

1. The property described in these two parcels is owned Wilcox Machine Compnay. Wilcox Machine Company is a machine shop which has been operating on these (2) parcels since 1982. The property was purchased by us from A.L. McIntosh on June 24, 1982. The land was vacant, undeveloped land prior to our purchase. We do have any information pertaining to ownership prior to that of Mr. McIntosh.

2. The chemicals used on this property include: cutting oil, kerosene, lubrication oil. See attached sheets which define the compostion of these chemicals. The cutting oil and lubrication oil are used for the operation of our equipment and kerosene is used in small amounts to clean customers parts. The chemicals are supplied by commercial outside vendors. These include: Castrol Industrial and Bortz Product- Angeles Chemical. Wilcox maintains minimum quantities of cutting and lubricating oils in 55 gal. drums. The drums are stored in a secondary containment area in order to prevent spills. Additionally, oil absorbant material is used to clean up minor spills. Disposal is handled by Express Oil Company (US EPA ID# CAD980694848) on an as requested basis.

3. There have been no spills or releases.

4. See Attached.

5. None on this property.

6. Questions are being answered by Jill Wigney, Office Manager. I have gathered information from George Schofhauser, Owner, and Kurt Anderegg, Owner, to compose our most complete response possible.

7. County of Los Angeles Hazardous Waste License

8. None

9. None on this property.

10. See Attached reports conducted prior to construction of building.

11. 4/30/99 thru 4/30/2000,. #35267924, General Liability, NorthWestern Pacific Insurance Company (Part of Chubb Group), 600 Independence Parkeay, PO Box 4700, Chesapeake, VA 23327-4700, 2.4M property, 1M Liability

4/30/98 thru 4/30/99, #35267924, General Liability, NorthWestern Pacific Indemnity Company, same address as abore, 2.1M property, 1M Liability

4/30/97 thru 4/30/98, #35267924, General Liability, NorthWestern Pacific Indemnity Company, same address as above, 2.1M property, 1M Liabiliey

4/30/96 thru 4/30/97, #35267924, General Liability, NorthWestern Pacific Indemnity Company, same address as above, 2.1M property, 1M Liabiliey

** Prior years detail includes the same coverages. Additional information is not available without significant research conducted by insurance broker.

12. Per Greg Holmes, this question does not pertain to us.

13. None on this property.

#2

LOS ANGELES COUNTY FIRE DEPARTMENT
HEALTH HAZARDOUS MATERIALS DIVISION
DISCLOSURE UNIT
5825 RICKENBACKER ROAD
COMMERCE, CA 90040-3027

(1) T.I.N. / S.S.N. 95-2114777

(2) Page 1

HAZARDOUS MATERIAL INVENTORY

(3) FACILITY UNIT	(4) ☐ TRADE SECRET (5) ☐ SITE MAP ATTACHED	REPORTING PERIOD (6)
Machine Shop 1		1/1 to 12/31 19 96

(7) BUSINESS NAME	SITE TELEPHONE #
Wilcox Machine Co.	(310) 927-5353

SITE ADDRESS	CITY	STATE	ZIP CODE
7180 Scout Avenue	Bell Gardens,	CA	90201

(8) MAILING ADDRESS	CITY	STATE	ZIP CODE	(9)
P.O. Box 2159	Bell Gardens,	CA	90201	000-836-6502

(10) NAME OF EMERGENCY COORDINATOR	TITLE	TELEPHONE #	24-HOUR TELEPHONE #
George Schofhauser	President	(310) 927-5353	(818) 445-8866
(11) NAME OF ALTERNATE EMERGENCY COORDINATOR	TITLE	TELEPHONE #	24-HOUR TELEPHONE #
Kurt Anderegg	Vice President (14)	(310) 927-5353	(310) 697-4660

(12) PRINCIPAL BUSINESS ACTIVITY	E.P.A. WASTE GENERATOR I.D. # (13)	SIC CODE (14)	PURPOSE OF DISCLOSURE (15)
Machine Shop	CAD98166271	3599	☒ Annual ☐ Previously Undisclosed Materials ☐ New Business ☐ 100% Chg. In Quantity ☐ Chg. of Bus. Name/Address/Owner

(16) COMMON NAME	(17) UN I.D. #	(18) CHEMICAL NAME	C.A.S. # (19)	STATE WASTE CODE # (20)
Cutting Oils		#140 Cutting Oil	64741-97-5	

PHYSICAL HAZARDS (21)	HEALTH HAZARDS (21)	PHYSICAL STATE (22)	TYPE (23)	DAYS ON SITE (24)	STORAGE CODE (25)
☒ Fire ☐ Sudden Pressure Release ☐ Reactivity	☐ Acute ☐ Chronic	☐ Solid ☒ Liquid ☐ Gas	☒ Pure ☐ Mixture ☐ Waste	365	D

(26) MAXIMUM AMOUNT	AVERAGE DAILY AMOUNT (27)	ANNUAL AMOUNT (WASTE ONLY) (28)	USE CODE
1320 ☒ LB / 220 ☒ GAL ☐ FT³	990 ☒ LB / 150 ☒ GAL ☐ FT³	☐ LB / ☐ GAL ☐ FT³	10/29

WASTE CLASS (30)	STORAGE PRESSURE CODE (31)	TEMPERATURE CODE (31)	LOCATION OF CHEMICAL (32)
IGN	1	4	Southeast Corner - Inside Bldg.

UPDATE (33)	THREE MOST HAZARDOUS COMPONENT CHEMICAL NAMES, IF MIXTURE OR WASTE: (34)	% WT	C.A.S. #
☐ ADD/NEW ☐ DELETION ☐ CHANGE ☒ NO CHANGE	1.	% WT	C.A.S. #
	2.	% WT	C.A.S. #
	3.	% WT	C.A.S. #

(16) COMMON NAME	(17) UN I.D. #	(18) CHEMICAL NAME	C.A.S. # (19)	STATE WASTE CODE # (20)
Lube Oils		Lubricating Oils - Castrol	G4741-96-4	

PHYSICAL HAZARDS (21)	HEALTH HAZARDS (21)	PHYSICAL STATE (22)	TYPE (23)	DAYS ON SITE (24)	STORAGE CODE (25)
☒ Fire ☐ Sudden Pressure Release ☐ Reactivity	☐ Acute ☐ Chronic	☐ Solid ☒ Liquid ☐ Gas	☒ Pure ☐ Mixture ☐ Waste	365	D

(26) MAXIMUM AMOUNT	AVERAGE DAILY AMOUNT (27)	ANNUAL AMOUNT (WASTE ONLY) (28)	USE CODE
1320 ☒ LB / 220 ☒ GAL ☐ FT³	900 ☒ LB / 150 ☒ GAL ☐ FT³	☐ LB / ☐ GAL ☐ FT³	29

WASTE CLASS (30)	STORAGE PRESSURE CODE (31)	TEMPERATURE CODE (31)	LOCATION OF CHEMICAL (32)
IGN	1	4	Southeast Corner - Inside Bldg.

UPDATE (33)	THREE MOST HAZARDOUS COMPONENT CHEMICAL NAMES, IF MIXTURE OR WASTE: (34)	% WT	C.A.S. #
☐ ADD/NEW ☐ DELETION ☐ CHANGE ☒ NO CHANGE	1.	% WT	C.A.S. #
	2.	% WT	C.A.S. #
	3.	% WT	C.A.S. #

(16) COMMON NAME	(17) UN I.D. #	(18) CHEMICAL NAME	C.A.S. # (19)	STATE WASTE CODE # (20)
Waste Oil				221

PHYSICAL HAZARDS (21)	HEALTH HAZARDS (21)	PHYSICAL STATE (22)	TYPE (23)	DAYS ON SITE (24)	STORAGE CODE (25)
☒ Fire ☐ Sudden Pressure Release ☐ Reactivity	☐ Acute ☒ Chronic	☐ Solid ☒ Liquid ☐ Gas	☐ Pure ☒ Mixture ☐ Waste	365	D

(26) MAXIMUM AMOUNT	AVERAGE DAILY AMOUNT (27)	ANNUAL AMOUNT (WASTE ONLY) (28)	USE CODE
1650 ☒ LB / 275 ☒ GAL ☐ FT³	900 ☒ LB / 150 ☒ GAL ☐ FT³	☐ LB / ☐ GAL ☐ FT³	29

WASTE CLASS (30)	STORAGE PRESSURE CODE (31)	TEMPERATURE CODE (31)	LOCATION OF CHEMICAL (32)
IGN	1	4	Southeast Corner - Inside Bldg.

UPDATE (33)	THREE MOST HAZARDOUS COMPONENT CHEMICAL NAMES, IF MIXTURE OR WASTE: (34)	% WT	C.A.S. #
☐ ADD/NEW ☐ DELETION ☐ CHANGE ☒ NO CHANGE	1.	% WT	C.A.S. #
	2.	% WT	C.A.S. #
	3.	% WT	C.A.S. #

CERTIFICATION: I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the submitted information is true, accurate, and complete. (35)

PRINT NAME OF DOCUMENT PREPARER	PRINT NAME OF OWNER/OPERATOR	SIGNATURE OF OWNER/OPERATOR	DATE
Jill Wigrey		G.F.S.	12-26-96

019-999-001853
WILCOX MACHINE CO
7180 SCOUT AVE

ANTITY	FEE GROUP	CITY CODE	☐ O ☐ I ☐ S ☐ P ☐ A-	DATE	BY	I.D. #

#2

HEALTH HAZARDOUS MATERIALS DIVISION
DISCLOSURE UNIT
5825 RICKENBACKER ROAD
COMMERCE, CA 90040-3027

Additional Inventory Page
Page 3 of 4 Pages

HAZARDOUS MATERIAL INVENTORY
ADDITIONAL INVENTORY PAGE

FACILITY UNIT		REPORTING PERIOD
Assembly Shop #2	☐ TRADE SECRET [illegible]	1/1 to 12/31 19 96
BUSINESS NAME		TELEPHONE #
Wilcox Machine Co. D.B.A. West Coast Rubber		(310) 927-5353
SITE ADDRESS	CITY / STATE / ZIP CODE	
7180 Scout Avenue	Bell Gardens, CA 90201	

COMMON NAME	UN I.D. #	CHEMICAL NAME	C.A.S. #	STATE WASTE CODE #
Oil-Lubricating		Machine Gear Hyspin-Castrol/Unocal 76	67741-96-4	

PHYSICAL HAZARDS	HEALTH HAZARDS	PHYSICAL STATE	TYPE	DAYS ON SITE	STORAGE CODE
☒ Fire ☐ Sudden Pressure Release ☐ Reactivity	☐ Acute ☐ Chronic	☐ Solid ☒ Liquid ☐ Gas	☒ Pure ☐ Mixture ☐ Waste	365	D

MAXIMUM AMOUNT	AVERAGE DAILY AMOUNT	ANNUAL AMOUNT (WASTE ONLY)	USE CODE
1320 ☒ LB 220 ☒ GAL ☐ FT³	900 ☒ LB 150 ☒ GAL ☐ FT³	☐ LB ☐ GAL ☐ FT³	29

WASTE CLASS	STORAGE PRESSURE CODE	TEMPERATURE CODE	LOCATION OF CHEMICAL
IGN	1	4	Southwest Rear of Bldg. 2 (Outside)

UPDATE: ☐ ADD/NEW ☐ DELETION ☐ CHANGE ☒ NO CHANGE

THREE MOST HAZARDOUS COMPONENT CHEMICAL NAMES, IF MIXTURE OR WASTE:

	% Wt	C.A.S. #
1.		
2.		
3.		

COMMON NAME	UN I.D. #	CHEMICAL NAME	C.A.S. #	STATE WASTE CODE #

PHYSICAL HAZARDS	HEALTH HAZARDS	PHYSICAL STATE	TYPE	DAYS ON SITE	STORAGE CODE
☐ Fire ☐ Sudden Pressure Release ☐ Reactivity	☐ Acute ☐ Chronic	☐ Solid ☐ Liquid ☐ Gas	☐ Pure ☐ Mixture ☐ Waste		

MAXIMUM AMOUNT	AVERAGE DAILY AMOUNT	ANNUAL AMOUNT (WASTE ONLY)	USE CODE
☐ LB ☐ GAL ☐ FT³	☐ LB ☐ GAL ☐ FT³	☐ LB ☐ GAL ☐ FT³	

WASTE CLASS	STORAGE PRESSURE CODE	TEMPERATURE CODE	LOCATION OF CHEMICAL

UPDATE: ☐ ADD/NEW ☐ DELETION ☐ CHANGE ☐ NO CHANGE

THREE MOST HAZARDOUS COMPONENT CHEMICAL NAMES, IF MIXTURE OR WASTE:

	% Wt	C.A.S. #
1.		
2.		
3.		

COMMON NAME	UN I.D. #	CHEMICAL NAME	C.A.S. #	STATE WASTE CODE #

PHYSICAL HAZARDS	HEALTH HAZARDS	PHYSICAL STATE	TYPE	DAYS ON SITE	STORAGE CODE
☐ Fire ☐ Sudden Pressure Release ☐ Reactivity	☐ Acute ☐ Chronic	☐ Solid ☐ Liquid ☐ Gas	☐ Pure ☐ Mixture ☐ Waste		

MAXIMUM AMOUNT	AVERAGE DAILY AMOUNT	ANNUAL AMOUNT (WASTE ONLY)	USE CODE
☐ LB ☐ GAL ☐ FT³	☐ LB ☐ GAL ☐ FT³	☐ LB ☐ GAL ☐ FT³	

WASTE CLASS	STORAGE PRESSURE CODE	TEMPERATURE CODE	LOCATION OF CHEMICAL

UPDATE: ☐ ADD/NEW ☐ DELETION ☐ CHANGE ☐ NO CHANGE

THREE MOST HAZARDOUS COMPONENT CHEMICAL NAMES, IF MIXTURE OR WASTE:

	% Wt	C.A.S. #
1.		
2.		
3.		

COMMON NAME	UN I.D. #	CHEMICAL NAME	C.A.S. #	STATE WASTE CODE #

PHYSICAL HAZARDS	HEALTH HAZARDS	PHYSICAL STATE	TYPE	DAYS ON SITE	STORAGE CODE
☐ Fire ☐ Sudden Pressure Release ☐ Reactivity	☐ Acute ☐ Chronic	☐ Solid ☐ Liquid ☐ Gas	☐ Pure ☐ Mixture ☐ Waste		

MAXIMUM AMOUNT	AVERAGE DAILY AMOUNT	ANNUAL AMOUNT (WASTE ONLY)	USE CODE
☐ LB ☐ GAL ☐ FT³	☐ LB ☐ GAL ☐ FT³	☐ LB ☐ GAL ☐ FT³	

WASTE CLASS	STORAGE PRESSURE CODE	TEMPERATURE CODE	LOCATION OF CHEMICAL

UPDATE: ☐ ADD/NEW ☐ DELETION ☐ CHANGE ☐ NO CHANGE

THREE MOST HAZARDOUS COMPONENT CHEMICAL NAMES, IF MIXTURE OR WASTE:

	% Wt	C.A.S. #
1.		
2.		
3.		

MAY BE PHOTOCOPIED FOR EXTRA COPIES.

#2

LOS ANGELES COUNTY FIRE DEPARTMENT
HEALTH HAZARDOUS MATERIALS DIVISION
DISCLOSURE UNIT
5825 RICKENBACKER ROAD
COMMERCE, CA 90040-3027

Additional Inventory Page
Page 2 of 4 Pages

HAZARDOUS MATERIAL INVENTORY
ADDITIONAL INVENTORY PAGE

FACILITY UNIT	TRADE SECRET	I.D. #	REPORTING PERIOD
Machine Shop 1	☐		1/1 to 12/31 19 96
BUSINESS NAME			**TELEPHONE #**
Wilcox Machine Co.			(310) 927-5353
SITE ADDRESS	**CITY**	**STATE**	**ZIP CODE**
7180 Scout Avenue	Bell Gardens	CA	90201

COMMON NAME	UN I.D. #	CHEMICAL NAME	C.A.S. #	STATE WASTE CODE #
Kerosene			8008-20-6	

PHYSICAL HAZARDS	HEALTH HAZARDS	PHYSICAL STATE	TYPE	DAYS ON SITE	STORAGE CODE
☒ Fire ☐ Sudden Pressure Release ☐ Reactivity	☐ Acute ☒ Chronic	☐ Solid ☒ Liquid ☐ Gas	☒ Pure ☐ Mixture ☐ Waste	365	D

MAXIMUM AMOUNT	AVERAGE DAILY AMOUNT	ANNUAL AMOUNT (WASTE ONLY)	USE CODE
330 ☒ LB / 55 ☐ GAL ☐ FT³	+/- 50 ☒ LB / 25 ☐ GAL ☐ FT³	☐ LB ☐ GAL ☐ FT³	9

WASTE CLASS	STORAGE PRESSURE CODE	TEMPERATURE CODE	LOCATION OF CHEMICAL
IGN	1	4	Southeast Corner - Inside Bldg.

UPDATE: ☐ ADD/NEW ☐ DELETION ☐ CHANGE ☒ NO CHANGE

THREE MOST HAZARDOUS COMPONENT CHEMICAL NAMES, IF MIXTURE OR WASTE:

1.	% Wt	C.A.S. #
2.	% Wt	C.A.S. #
3.	% Wt	C.A.S. #

COMMON NAME	UN I.D. #	CHEMICAL NAME	C.A.S. #	STATE WASTE CODE #

PHYSICAL HAZARDS	HEALTH HAZARDS	PHYSICAL STATE	TYPE	DAYS ON SITE	STORAGE CODE
☐ Fire ☐ Sudden Pressure Release ☐ Reactivity	☐ Acute ☐ Chronic	☐ Solid ☐ Liquid ☐ Gas	☐ Pure ☐ Mixture ☐ Waste		

MAXIMUM AMOUNT	AVERAGE DAILY AMOUNT	ANNUAL AMOUNT (WASTE ONLY)	USE CODE
☐ LB ☐ GAL ☐ FT³	☐ LB ☐ GAL ☐ FT³	☐ LB ☐ GAL ☐ FT³	

WASTE CLASS	STORAGE PRESSURE CODE	TEMPERATURE CODE	LOCATION OF CHEMICAL

UPDATE: ☐ ADD/NEW ☐ DELETION ☐ CHANGE ☐ NO CHANGE

THREE MOST HAZARDOUS COMPONENT CHEMICAL NAMES, IF MIXTURE OR WASTE:

1.	% Wt	C.A.S. #
2.	% Wt	C.A.S. #
3.	% Wt	C.A.S. #

COMMON NAME	UN I.D. #	CHEMICAL NAME	C.A.S. #	STATE WASTE CODE #

PHYSICAL HAZARDS	HEALTH HAZARDS	PHYSICAL STATE	TYPE	DAYS ON SITE	STORAGE CODE
☐ Fire ☐ Sudden Pressure Release ☐ Reactivity	☐ Acute ☐ Chronic	☐ Solid ☐ Liquid ☐ Gas	☐ Pure ☐ Mixture ☐ Waste		

MAXIMUM AMOUNT	AVERAGE DAILY AMOUNT	ANNUAL AMOUNT (WASTE ONLY)	USE CODE
☐ LB ☐ GAL ☐ FT³	☐ LB ☐ GAL ☐ FT³	☐ LB ☐ GAL ☐ FT³	

WASTE CLASS	STORAGE PRESSURE CODE	TEMPERATURE CODE	LOCATION OF CHEMICAL

UPDATE: ☐ ADD/NEW ☐ DELETION ☐ CHANGE ☐ NO CHANGE

THREE MOST HAZARDOUS COMPONENT CHEMICAL NAMES, IF MIXTURE OR WASTE:

1.	% Wt	C.A.S. #
2.	% Wt	C.A.S. #
3.	% Wt	C.A.S. #

COMMON NAME	UN I.D. #	CHEMICAL NAME	C.A.S. #	STATE WASTE CODE #

PHYSICAL HAZARDS	HEALTH HAZARDS	PHYSICAL STATE	TYPE	DAYS ON SITE	STORAGE CODE
☐ Fire ☐ Sudden Pressure Release ☐ Reactivity	☐ Acute ☐ Chronic	☐ Solid ☐ Liquid ☐ Gas	☐ Pure ☐ Mixture ☐ Waste		

MAXIMUM AMOUNT	AVERAGE DAILY AMOUNT	ANNUAL AMOUNT (WASTE ONLY)	USE CODE
☐ LB ☐ GAL ☐ FT³	☐ LB ☐ GAL ☐ FT³	☐ LB ☐ GAL ☐ FT³	

WASTE CLASS	STORAGE PRESSURE CODE	TEMPERATURE CODE	LOCATION OF CHEMICAL

UPDATE: ☐ ADD/NEW ☐ DELETION ☐ CHANGE ☐ NO CHANGE

THREE MOST HAZARDOUS COMPONENT CHEMICAL NAMES, IF MIXTURE OR WASTE:

1.	% Wt	C.A.S. #
2.	% Wt	C.A.S. #
3.	% Wt	C.A.S. #

MAY BE PHOTOCOPIED FOR EXTRA COPIES.

DUE ON OR BEFORE DECEMBER 31ST.

Department of Toxic Substances Control

Edwin F. Lowry, Director
5796 Corporate Avenue
Cypress, California 90630

Winston H. Hickox
Secretary for
Environmental
Protection

Gray Davis
Governor

September 1, 1999

Wilcox Machine Company, Inc.
7180 Scout Avenue
Bell Gardens, California 90201-3202

To Whom This May Concern:

INFORMATION REQUEST FOR ASSESSOR'S PARCEL NUMBERS 6358-019-012 AND 6358-019-013, BELL GARDENS, CALIFORNIA

The Department of Toxic Substances Control (DTSC) believes that a release of hazardous substances to soil and/or groundwater may have occurred at or near the property you own at Assessor's Parcel Numbers 6358-019-012 and 6358-019-013. The street address associated with these parcels is 7180 Scout Avenue, Bell Gardens, California.

In order to assist DTSC's investigation, please provide the information requested in the enclosed "Information Request". Also, if a Phase I or Phase II Environmental Assessment has been performed for this property, please submit a copy to DTSC.

Should other information become known or available to you after your submission, you must supplement your response to DTSC. Moreover, if you find at any time that any portion of the information submitted is inaccurate, false, or misrepresents the truth, you must immediately notify DTSC. The scope of this request extends to all information independently developed or obtained by research on the part of you, your consultants, sub-consultants, or employees.

Information requested must be provided, notwithstanding its possible characterization as confidential information or trade secret. Moreover, pursuant to the California Health and Safety Code, Sections 25173 and 25358.2, you may assert a confidentiality claim by attaching a cover sheet with notice, such as "trade secret" or "proprietary", indicating such confidentiality and the rationale for considering this information confidential. Please include the specific citation from the Government Code exempting this information from the California Public Records Acts. DTSC will construe the failure to furnish a claim of confidentiality with your response as a waiver of that claim, and information may be made available to the public without future notice.

Compliance with the Information Request set forth above is mandatory, pursuant to California Health and Safety Code, Section 25185.6. Failure to respond fully and truthfully to the Information Request within thirty (30) days of the date of this letter may result in enforcement action by DTSC subject to the penalties allowed under California Health and Safety Code, Sections 25189 and 25191.

Thank you for your cooperation in this matter. If you have any questions relating to this request, please contact Mr. Joseph Cully at (714) 484-5473, or me at (714) 484-5461.

Sincerely,

Greg Holmes
Unit Chief
Southern California Cleanup Operations Branch A

Enclosure

Certified Mail
P 759 289 142
Return Receipt Requested

cc: Mr. Tom Klinger, Supervisor
Los Angeles County Fire Department
Health/Hazardous Materials Division
5825 Rickenbaker Road
City of Commerce, California 90040

ENCLOSURE A

INFORMATION REQUEST

DTSC is seeking information regarding the occupancy and operations history of the subject property. Information pertaining to the previous owners and operators, their years of occupancy, uses of the property, and names of individuals who may have additional information for each of these businesses is of particular importance. Additionally, DTSC requests that within thirty (30) days of the date of this letter, you supply DTSC with all information currently known or available to you relating to the analysis of soils, surface water, and groundwater at the facility as well as all information relating to any incident that have resulted in the release of chemicals to the environment. DTSC also requests that you provide a chemical use history report for the site. The report should:

1. Identify all past uses of the site, beginning from the initial date of ownership. Any known information on operations and chemical usage by past owners, lessees, sublessees, tenants, and/or businesses should also be included.

2. Summarize all information relating to chemicals that have been used, generated, stored, treated, disposed, or otherwise handled in or on the property, along with the dates these chemicals were used. You must detail:

   - The chemical name, composition, characteristics, physical state (e.g., solid, liquid);
   - Person(s) supplying the chemical;
   - How the chemical was used, generated, stored, treated, transported, disposed, or otherwise handled on your property;
   - Date, location, and the quantity of each hazardous material used, generated, stored, treated, transported, disposed of, or otherwise handled at the site.

3. Present all known information (including dates, quantities, locations, and chemicals) regarding known on-site repairs, releases, spills, or malfunctions of chemical handling, treatment, or disposal facilities, including pipelines that resulted in chemical releases to the soil and/or groundwater.

4. Include all site maps, at a scale not greater than one inch to two hundred feet, showing where these chemicals were used, generated, stored, transported, treated, disposed of, or otherwise handled at the site.

5. Include as-built drawings of the facility, showing the location of all historical pipes, storage and treatment tanks, and any other components of the chemical handling system installed at the facility.

6. Identify the person(s) answering these questions on your behalf. All persons who have knowledge of information about the generation, use, storage, treatment, disposal, or other handling of hazardous materials at your property should be identified. If you have reason to believe that there may be persons able to provide a more detailed or complete response to any question contained herein or who may be able to provide additional responsive documents, identify such persons and the additional information or documents they may have.

7. Present a list of all known Federal, State, and Local Environmental Permits for the site.

8. Present copies of all reports of violation, orders, and/or settlement agreements which resulted from violation of Federal, State, or Local Environmental Laws or Regulations.

9. Present a description of all types, ages, locations, and uses of any containers, tanks, surface impoundments, landfills, and septic systems that contain or previously contained hazardous substances or waste.

10. Present copies of all soil, sediment, chip, wipe, air emission, groundwater, and surface water sampling results, including effluent monitoring conducted at the facility.

11. Include a description list of all insurance policies held by you as property owner and a list of insurance policies held by facilities during their periods of occupancy at the site. The description shall include:

    - The effective date(s) of the policy;
    - The policy number(s);
    - The type of policy (e.g., comprehensive, general liability);
    - The name and address of the insurance company;
    - The amount of coverage under the policy.

12. Present copies of all receipts, manifests, and bills of lading from parties who have sent spent solvents or other hazardous wastes to the facility.

13. If a Phase I or Phase II Environmental Assessment has been performed for this property, present a copy.

CA Real Property Search By Property Address
Data Available From 00/00/0000 Through 06/04/1999

Date: 8/17/1999 Time: 4:11 PM
Reference: Requestor:
Search Criteria: 7180 SCOUT

Item Number: 1

OWNERSHIP INFORMATION

Owner(s): WILCOX MACHINE CO INC
Mailing Address: 7180 SCOUT AVE
BELL GARDENS CA 90201-3202

Property Address: 7180 SCOUT AVE
BELL GARDENS CA 90201-3202

Owner(s) Phone No.:
Parcel No.: 6358019012
County: LOS ANGELES

Sale Information:

Sale Date:	06/24/1982
Document No.:	639848
Sale Amount:	$365,000
Sale Full/Part:	FULL
Loan Amount(1ST):	
Loan Amount(2ND):	
Loan Type:	CONVENTIONAL
Multi or Port:	

Assessor Information:

Exemption(s):	
Tax Amount:	$21,053
Assessed Value:	$1,121,549
Percent Improved:	76.9 %
Year Sold to State:	
Map Page Old:	54
Map Grid Old:	B6
Map Page New:	706
Map Grid New:	A1
X Coordinates:	118.138491
Y Coordinates:	33.965364
Census Tract:	5340.00
Census Block Group:	3
Zoning:	BGM1

Property Characteristics

Land Use:	LIGHT INDUSTRIAL	Square Feet:	45000
Lot Size:	40,511		
Lot Width:			
Lot Depth:			
Year Built:	1982		
Legal Description:	THAT PART IN BELL GARDENS OF LOT COM AT INTERSECT		

End of search.

#10-1

S. E. Medall & Associates, Inc.
Consultants in the Earth Sciences
3030 South Bundy Drive, Los Angeles, California 90066 • 213/390-4079
2168 South Hathaway Street, Santa Ana, California 92705 • 714/546-6602
17231 East Railroad Street, City of Industry, California 91748 • 213/964-2313

September 29, 1976
W.O. 692

A.L. MacIntosh Company
9501 Kruse Road
Pico Rivera, Calif.

Subject: Report of Compaction
Suva Street & Scout Avenue
Bell Gardens, California

Gentlemen:

I INTRODUCTION

Pursuant to your request, representatives of Triad Engineering Inc. have inspected and tested the fill placed during grading operations on the subject site. This report presents the results of these tests and inspections performed on May 12 through December 26, 1971. A plan of the site showing test locations and other pertinent data is attached as Plate A.

II SITE PREPARATION

Prior to the placement of any fill, the site was prepared for grading in the following manner:

A Surface debris and vegetation was stripped and hauled offsite.

B Native soil was prepared to receive fill by scarifying the exposed surface to a depth of 6 inches and precompacting to minimum requirements.

III GRADING

A Fill was placed in 6 to 8 inch loose lifts, watered and compacted to the minimum requirements.

B The method used for adding moisture and compacting was a water truck and rolling with a sheepsfoot roller.

C Imported soil was used as fill to raise the pad to the desired grade elevation.

IV TESTING

A Compaction standard used for minimum requirement was 90% of the ASTM Test Method D1557-70, modified to use three layers.

B Field densities were performed in accordance with ASTM Test Method D1556. Results of these tests are attached as a part of this report.

Laboratory Tests are Summarized Below:

Classification	Maximum Density	Optimum Moisture
Silty very fine sand	123.0	11.3
Silty fine sand & sandy clay	124.2	10.4
Silty sand & sandy silt	120.0	12.9
Light brown gray silty fine sand	122.7	11.8
Silty fine to medium sand	127.9	9.5
Light brown fine sandy silt	116.0	12.0

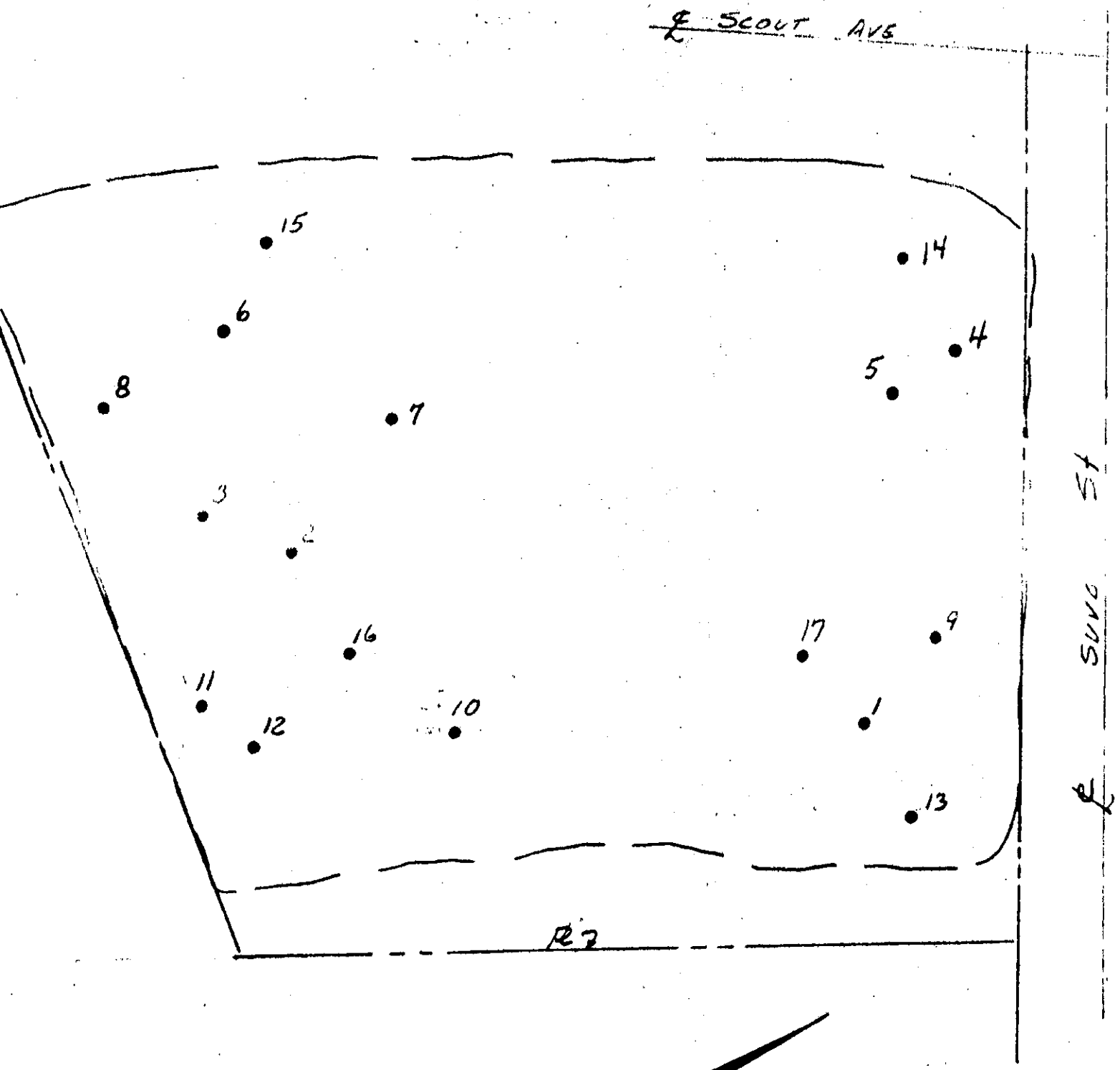
The opportunity to be of service is appreciated. If we can answer any questions, please contact this office at any time.

Respectfully submitted,
S.E. MEDALL & ASSOCIATES - TRIAD DIVISION

Frank C. Stillman
R.C.E. 16810

FS/ch
cc: Addressee (4)

PLOT PLAN



LEGEND:

• ' INDICATES No. AND APPROX. LOCATION OF FIELD DENSITY TESTS

[ ] ' INDICATES BOUNDRY OF FILL

S. E. Hoffill & Associates, Inc.
Consultants in the Earth Sciences

DATE 9-29-76 FS

W.O. 692

SUMMARIZED RESULTS OF FIELD DENSITY TESTS

Test No.	Date	Elevations			% Moisture		Dry Density Lbs./Cu. Ft.		%
		Native	F.G.	Test	Opt.	Field	Max.	Field	Comp.
1	5-12-71	118.0	130.0	118.0	11.3	9.6	123.0	112.9	91.7
2	5-12-71	118.0	130.0	118.0	10.4	10.8	124.2	114.8	92.4
3	5-13-71	118.0	130.0	120.0	10.4	10.7	124.2	124.0	99.8
4	5-14-71	121.0	130.0	119.0	12.9	15.4	120.0	114.3	95.3
5	5-17-71	118.0	130.0	120.0	12.9	13.7	120.0	118.4	98.7
6	5-18-76	122.0	130.0	121.0	12.9	13.8	120.0	114.9	95.7
7	[illegible]	118.0	130.0	123.0	11.8	12.2	123.7	[illegible]	97.3
8	7-26-71	130.0	130.0	125.0	11.5	18.4	123.6	[illegible]	92.1
9	7-26-71	118.0	130.0	126.0	9.5	7.3	127.9	125.6	98.2
10	7-27-71	118.0	129.0	124.0	11.3	9.8	123.0	121.9	99.0
11	7-27-71	118.0	129.0	125.0	9.5	8.5	127.9	128.7	100+
12	8-9-71	118.0	129.0	124.0	11.3	14.8	123.0	111.4	90.6
13	8-9-71	121.0	130.0	126.0	9.5	10.4	127.9	118.9	93.0
14	8-9-71	126.0	130.0	127.0	9.5	13.9	127.9	116.0	90.7
15	8-9-71	126.0	130.0	127.0	9.5	9.0	127.9	123.2	96.3
16	12-26-71	118.0	130.0	125.0	12.0	19.0	116.0	108.8	93.8
17	12-26-71	119.5	130.0	125.5	12.0	12.4	116.0	107.8	92.9

GEOGRAPHIC SCREENING

Site No: 20

ADDRESS: 7180 Scout Av
Bell Gardens, California 90201

DRIVE BY: (Date 07/16/98)

CURRENT STATUS	YES	NO
RESIDENCE		X
VACANT BUILDING		X
VACANT LOT		X
ACTIVE/OPERATING BUSINESS	X	

(Name of Business) West Coast Rubber Machinery Co
(Type of Business) machinery mfg

EXISTING GROUND COVER: (e.g., Paved, Grassy, Building, etc.). Two buildings, one stucco, one corrugated steel construction, paved parking lot, and paved storage yard

OBSERVATIONS DURING DRIVE BY:
(General Layout) Many pieces of heavy machinery stored in lot on cracked and stained pavement

(Hazardous Substances/Staining/Drums. etc) Green drums seen stacked on pallets, cracked and stained pavement in machinery storage lot

ARE THERE FILES AVAILABLE?

NATURE OF FILES	YES	NO	DATE CHECKED
DTSC FILES		X	12/30/98
ON HAZNET	X		12/28/98
IN RCRIS		X	12/28/98
ON CALSITES		X	12/28/98
COUNTY FILES	X		01/22/99
CITY FILES		X	12/28/98

SUMMARY OF INFORMATION IN FILES:
HAZNET - Wilcox machine, CAD981662711. (No indication of regulated or active facility). Los Angeles County Fire Department (file. # 1853) and Department of Health Service have files

GEOGRAPHIC SCREENING

ADDRESS: 7180 Scout Av
Bell Gardens, California 90201

ASSESSOR'S OFFICE Date Checked: 12/28/98
ASSESSOR'S PARCEL NUMBER: 6358-019-012
CURRENT PROPERTY OWNER(S): Wilcox Machine Co. Inc.
(address) 7180 Scout Ave, Bell Gardens 90201.
(date of ownership) 06/24/82
(previous owner)
(address)
(date of ownership)

CSU NORTHRIDGE LIBRARY Date Checked: 09/15/98 ******No Area Coverage******
HISTORIC PROPERTY USE
SANBORN MAPS: (YEAR OF map, business name, type of business, dates of occupancy, etc.)

194( )

195( )

196( )

197( )

198( )

RECOMMENDATION:

( ) NO FURTHER ACTION (X) SITE SCREENING

BASIS FOR RECOMMENDATION: Drive-by observations of oily and leaking equipment stored on bare ground or cracked pavement. Facility may use a large quantity of hazardous substances.

SCREENED BY: Mike Edwards / Nebu John DATE: 01/27/99

GEOGRAPHIC SCREENING

ADDRESS: 7180 Scout Av
Bell Gardens, California 90201

STATE OF CALIFORNIA
DEPARTMENT OF TOXIC SUBSTANCES CONTROL
CYPRESS OFFICE
5796 CORPORATE AVENUE
CYPRESS, CA 90630
(714) 484-5300

To: Mr. Tom Klinger
Fax #: (323) 890-4046
Subject: Request for information
Date: December 16, 1999
Pages: 1 , including this cover sheet.

From:
Dr. Yasser Aref
Site Mitigation Branch
Telephone: (714) 484-5349
Fax: (714) 484-5438

COMMENTS:
As per our telephone conversation, could you please provide any information your unit has concerning the following sites:

Santa Fe Industrial Machinery Movers	6425 Clara St.	Bell Gardens
Model Plating Co.	6709 Florence Ave.	Bell Gardens
Original Cylinder Corp.	6835 Suva St.	Bell Gardens
USA Waste	7314 Scout Ave.	Bell Gardens
West Coast Rubber	7180 Scout Ave.	Bell Gardens

CASTROL INDUSTRIAL INC.

MATERIAL SAFETY DATA SHEET
Emergency Phone No.: (630) 241-4000
Information Phone No.: (630) 241-4000

FIRE 1
HEALTH 1 0 REACTIVITY
0
SPECIAL

I. MATERIAL IDENTIFICATION

PRODUCT TRADE NAME: 170 CUTTING OIL
MANUFACTURER: CASTROL INDUSTRIAL INC.

ADDRESS: 1001 WEST 31ST STREET DOWNERS GROVE IL, 60515-1280
MFG. FACILITY ADDRESS:
Preparer: Pam Lazarich Preparation Date: 08/30/1993

II. HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENTS	%	CAS No.	TLV (ACGIH)	PEL (OSHA)
Alkanes, chloro	5-10	61788-76-9	See Section IX	See Section IX
Distillates (petroleum), solvent-refined heavy naphthenic	85-90	64741-96-4	5 mg/M3 (mist)	5 mg/M3 (mist)

Contains no other ingredients now known to be hazardous as defined by OSHA 29 CFR 1910.1000 (subpart z) and OSHA CFR 29 1910.1200.

III. PHYSICAL PROPERTIES

APPEARANCE & ODOR: Amber Oil, slight oily odor
BOILING POINT °F (°C): >500 >259.97
MELTING POINT °F (°C): NA NA
SPECIFIC GRAVITY (H2O=1): 0.925
VAPOR PRESSURE: Negligible at room temp.
VAPOR DENSITY (AIR=1): Unknown
EVAPORATION RATE (BUTYL ACETATE=1): Negligible
%VOLATILES BY VOLUME: Negligible
VOC: 000.00 g/L 00.000 lbs/gallon
SOLUBILITY IN H2O: Insoluble
pH AS IS: NA
pH (DILUTE): NA @ 0 %

VOC not yet determined for this product.

IV. FIRE AND EXPLOSION HAZARDS

FLASHPOINT (method used)
315 °F 157.21 °C COC
FLAMMABLE LIMITS
LEL NA UEL NA
EXTINGUISHING MEDIA:
carbon dioxide, dry chemical, foam.

SPECIAL FIRE FIGHTING PROCEDURES:
Wear self contained breathing apparatus when fire fighting in a confined space. Cool fire exposed containers with waterspray to prevent rupture.

UNUSUAL FIRE & EXPLOSION HAZARDS:
None known.

CONTAINER HANDLING: DO NOT CUT OR WELD EMPTY DRUMS UNLESS THOROUGHLY CLEANED.

WITHROW

ARTHUR C. WITHROW CO.
5511 District Blvd., Los Angeles, Calif. 90040
Telephone: (213) 771-7000

WITHROLUBE ANTI-WEAR HYDRAULIC OILS (NOS.654-659)

WITHROLUBE ANTI-WEAR HYDRAULIC OILS WERE DEVELOPED TO MEET REQUIREMENTS FOR HYDRAULIC FLUIDS CONTAINING IMPROVED ANTI-WEAR CHARACTERISTICS THAT PROVIDE EXTENDED PUMP LIFE IN INDUSTRIAL HYDRAULIC SYSTEMS. THEY ARE BLENDED FROM THE HIGHEST QUALITY, HIGH VISCOSITY INDEX (VI) BASE STOCKS AND THE FINEST OXIDATION, RUST AND FOAM INHIBITORS, ANTI-WEAR (EP) AGENT AND AN AERATION SUPPRESSANT. THE FILM STRENGTH AND LUBRICITY CHARACTERISTICS OF THESE OILS ARE EXCELLENT AS ARE THEIR DEMULSIBILITY PROPERTIES. THEY ARE SUPERIOR TO MS OIL IN HEAVY-DUTY INDUSTRIAL SYSTEMS.

WITHROLUBE ANTI-WEAR HYDRAULIC OILS ARE DESIGNED TO MEET THE REQUIREMENTS OF DENNISON, HYDRECO, RACINE, VICKERS, HPM AND MANY OTHER PUMPS. THESE OUTSTANDING PRODUCTS ARE SUITABLE FOR USE IN BOTH OLD AND NEW HYDRAULICALLY-ACTUATED EQUIPMENT.

THE SPECIFICATIONS OF THE EQUIPMENT MANUFACTURER OR A WITHROW TECHNICAL REPRESENTATIVE SHOULD BE CONSULTED IN SELECTING THE CORRECT GRADE FOR A SPECIFIC APPLICATION.

TYPICAL SPECIFICATIONS*

CLASSIFICATION	654 EXTRA LIGHT	655 LIGHT	656 MEDIUM	657 HEAVY MEDIUM	658 HEAVY	659 EXTRA HEAVY
GRAVITY, SPECIFIC @ 60 °F.	0.865	0.867	0.871	0.876	0.873	0.890
GRAVITY, API @ 60 °F.	32.0	31.7	31.0	30.0	28.8	27.5
VISCOSITY, SSU @ 100 °F.	108	154	230	315	421	620
VISCOSITY, SSU @ 210 °F.	40.6	44.3	49.7	54	60.3	71.6
VISCOSITY INDEX	104	115	112	103	103	102
FLASH POINT, COC °F.	380	395	405	410	450	475
FIRE POINT, COC °F.	430	430	445	455	520	530
ANILINE POINT °F.	225	225	225	225	225	225
COLOR, ASTM	1	1	1.5	2½	3	3.5

*THESE ARE TYPICAL SPECIFICATIONS AND ARE SUBJECT TO THE USUAL MANUFACTURING TOLERANCES.

2/26/75

WITHROW

ARTHUR C. WITHROW CO.
5511 District Blvd., Los Angeles, Calif. 90040
Telephone: (213) 771-7000

S SERIES

INDUSTRIAL OIL

(NO. 6

S SERIES INDUSTRIAL OIL IS COMPOUNDED FROM THE FINEST MIDCONTINENT SOLVENT REFINED STOCKS. IT IS A HIGH VISCOSITY INDEX PRODUCT FORTIFIED WITH RUST OXIDATION AND FOAM INHIBITORS. IT GIVES EXCELLENT PERFORMANCE EITHER AS A HYDRAULIC OIL OR AS A LUBRICATING OIL FOR BEARINGS, GEARS, PUMPS, ENGINES, CYLINDERS, SPINDLES, COMPRESSORS AND SIMILAR INDUSTRIAL EQUIPMENT.

S SERIES IS AVAILABLE IN GRADES RANGING FROM EXTRA LIGHT TO A VISCOSITY OF 1500 SSU @100 °F. TO SELECT THE PROPER GRADE FOR YOUR PARTICULAR APPLICATION, CONSULT THE MANUFACTURER'S EQUIPMENT MANUAL OR YOUR WITHROW TECHNICAL REPRESENTATIVE.

PICAL SPECIFICATIONS*

	LIGHT	LIGHT MEDIUM	MEDIUM	HEAVY MEDIUM	HEAVY	EXTRA HEAVY
GRAVITY, SPECIFIC @60 °F.	0.865	0.868	0.867	0.869	0.882	0.884
GRAVITY, API @60 °F.	32.0	31.5	31.4	31.3	29.0	28.5
VISCOSITY, SSU @100 °F.	155	185	225	320	425	600
VISCOSITY, SSU @210 °F.	43.5	44.6	48	53	59	68
FLASH POINT, COC °F.	420	420	435	430	450	475
FIRE POINT, COC °F.	450	450	465	500	520	530
VISCOSITY INDEX	105	95	95	95	95	95
COLOR, ASTM	1	1-1.5	1	2	2½	4
POUNDS PER U.S. GALLON	7.21	7.23	7.23	7.24	7.34	7.36

NOTE: S SERIES INDUSTRIAL OIL IS ALSO SOLD IN GRADES EXTRA LIGHT, 900 AND 1500. SPECIFICATIONS ON THESE PRODUCTS ARE AVAILABLE ON REQUEST.

*THESE ARE TYPICAL SPECIFICATIONS AND ARE SUBJECT TO THE USUAL MANUFACTURING TOLERANCES.

We use S 900

12/12/75

WITHROW

ARTHUR C. WITHROW CO.
5511 District Blvd., Los Angeles, Calif. 90040
Telephone: (213) 771-7000

WITHROLUBE 625

WITHROLUBE 625 WAY OIL IS FORMULATED TO PROVIDE THE FINEST IN TABLEWAY AND SLIDEWAY LUBRICATION. IT IS COMPOUNDED FROM CHOICE MIDCONTINENT BASE STOCKS AND THE FINEST EXTREME PRESSURE (EP) ADDITIVES AND OXIDATION AND CORROSION INHIBITORS. UNIQUE OILINESS AND TACKINESS AGENTS ARE ADDED TO INSURE THE ULTIMATE IN HIGH LUBRICITY, NON-DRIP PERFORMANCE. THIS OUTSTANDING LUBRICANT IS AVAILABLE IN VISCOSITIES OF 300 SECONDS AND 900 SECONDS AT 100°F. THE PROPER GRADE TO MEET YOUR REQUIREMENTS IS DETERMINED BY THE MANUFACTURER'S RECOMMENDATIONS, THE DESIGN OF THE EQUIPMENT AND THE OPERATING CONDITIONS INVOLVED. WITHROLUBE 625 GIVES THE USER THE FOLLOWING BENEFITS: HIGH LUBRICITY TO PREVENT STICK-SLIP OPERATION, HIGH VISCOSITY INDEX TO RESIST FILM STRENGTH FAILURE, PROTECTION AGAINST OXIDATION, CORROSION AND RUST, AND A NON-DRIP QUALITY ALLOWING OIL TO CLING TO METAL.

TYPICAL SPECIFICATIONS*

	WITHROLUBE 625-300	WITHROLUBE 625-900
GRAVITY, SPECIFIC @ 60°F.	0.8916	0.899
GRAVITY, API @ 60°F.	27.2	25.9
VISCOSITY, SSU @ 100°F.	336	850
VISCOSITY, SSU @ 210°F.	54	85
FLASH POINT, COC °F.	435	450
FIRE POINT, COC °F.	480	500
COLOR, ASTM	5	6
POUNDS PER GALLON	7.4	7.48

*THESE ARE TYPICAL SPECIFICATIONS AND ARE SUBJECT TO THE USUAL MANUFACTURING TOLERANCES.

2/2/67

WITHROW

ARTHUR C. WITHROW CO.
5511 District Blvd., Los Angeles, Calif. 90040
Telephone: (213) 771-7000

WITHROKUT 140 CUTTING OIL

WITHROKUT 140 IS A HEAVY DUTY, GENERAL PURPOSE CUTTING OIL CONTAINING SULFUR, CHLORINE AND OTHER ADDITIVES, WHICH PROVIDE IT WITH OUTSTANDING COOLING, LUBRICATION AND ANTI-WELD PROPERTIES. ITS IDEAL VISCOSITY AND SCIENTIFIC FORMULATION ENABLES THIS PRODUCT TO PRODUCE FINE MICRO-FINISHES AND EXTEND TOOL LIFE OVER AN EXTREMELY WIDE RANGE OF METALWORKING OPERATIONS.

WITHROKUT 140 IS RECOMMENDED FOR USE ON ANY OPERATION WHERE FREE CUTTING, CARBON, ALLOY OR STAINLESS STEELS ARE BEING WORKED.

TYPICAL SPECIFICATIONS*

GRAVITY, SPECIFIC @ 60° F.	0.9082
GRAVITY, API @ 60° F.	24.3
VISCOSITY, SSU @ 100° F.	105
FLASH POINT, COC° F.	330
FIRE POINT, COC° F.	375
COLOR, ASTM	6
POUNDS PER GALLON	7.6

DIRECTIONS:

WITHROKUT 140 WILL NORMALLY BE APPLIED BY PUMP FROM THE MACHINE SUMP, AND MAY BE READILY REMOVED BY CONVENTIONAL CLEANING METHODS. SHOULD A RECOMMENDATION FOR A SPECIFIC OPERATION BE DESIRED, YOUR WITHROW TECHNICAL REPRESENTATIVE WILL BE PLEASED TO BE OF ASSISTANCE.

*THESE ARE TYPICAL SPECIFICATIONS AND ARE SUBJECT TO THE USUAL MANUFACTURING TOLERANCES.

1/29/74

ARTHUR C. WITHROW CO.
5511 District Blvd., Los Angeles, Calif. 90040
Telephone: (213) 771-7000

WITHROW 310

WITHROW 310 IS A PREMIUM GENERAL PURPOSE SOLUBLE OIL WHICH FORMS A HIGHLY STABLE EMULSION WHEN MIXED WITH WATER. IT IS DESIGNED FOR METALWORKING OPERATIONS OF FROM MILD TO MODERATE SEVERITY AND MAY BE USED IN MOST TYPES OF MACHINING OPERATIONS INVOLVING EITHER FERROUS OR MOST NON-FERROUS METALS.

TYPICAL SPECIFICATIONS*

GRAVITY, API @ 60 °F	20.0
VISCOSITY @ 100 °F SUS	204
VISCOSITY @ 40 °C CST	40.0
FLASH POINT, COC °F	325
COLOR, HELLIGE	3

*THESE ARE TYPICAL SPECIFICATIONS AND ARE SUBJECT TO THE USUAL MANUFACTURING TOLERANCES.

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA BELIEVED TO BE ACCURATE BUT IS NOT EXPRESSLY OR IMPLIEDLY WARRANTED TO BE CORRECT. SINCE THE CONDITIONS OF THE USE OF OUR PRODUCTS ARE BEYOND OUR CONTROL, THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, IN CONNECTION WITH OUR PRODUCTS. NOTHING HEREIN CONTAINED IS TO BE CONSTRUED AS PERMISSION TO USE ANY PATENT OWNED BY ARTHUR C. WITHROW COMPANY OR OTHERS.

WITHROW

ARTHUR C. WITHROW CO.
5511 District Blvd., Los Angeles, Calif. 90040
Telephone: (213) 771-7000

WITHROSOL 310

WITHROSOL 310 IS A PREMIUM ALL-PURPOSE SOLUBLE OIL WHICH FORMS A HIGHLY STABLE EMULSION WHEN MIXED WITH WATER. FORTIFIED WITH THE MOST MODERN AND ADVANCED CHEMICAL ADDITIVES, THIS PRODUCT IS HIGHLY RESISTANT TO CORROSION, RUST, FOAMING AND RANCIDITY. WITHROSOL 310 IS DESIGNED FOR METALWORKING OPERATIONS OF FROM MILD TO MODERATE SEVERITY AND IS EFFECTIVE IN ALL TYPES OF MACHINING OPERATIONS INVOLVING EITHER FERROUS OR NON-FERROUS METALS. AN EMULSION OF 20 PARTS WATER TO 1 PART OIL IS RECOMMENDED FOR GENERAL USAGE. FOR MORE CRITICAL APPLICATIONS, THE PERCENTAGE OF WITHROSOL 310 SHOULD BE INCREASED UNTIL DESIRED RESULTS ARE OBTAINED. TO ACHIEVE A PROPER EMULSION, ALWAYS ADD WITHROSOL 310 TO WATER AND AGITATE PRIOR TO USE.

TYPICAL SPECIFICATIONS*

GRAVITY, SPECIFIC @ 60 °F.	0.9150
GRAVITY, API @ 60 °F.	23.5
VISCOSITY, SSU @ 100 °F.	240
COLOR, ASTM	3-1/2
POUNDS PER GALLON	7.7
APPEARANCE	CLEAR
EMULSION STABILITY, 16 HRS. @ 20-25 °F.	
VV-C-846	PASS
DISTILLED WATER, OIL, MM	NIL
DISTILLED WATER, CREAM, MM	TRACE
HARD WATER, OIL, MM	TRACE
HARD WATER, CREAM, MM	1
FOAMING, VV-C846	PASS
GUMMINESS, VV-C-846	PASS
CORROSION, COPPER METHOD 530.6 OF VV-L-791	EXTREMELY LIGHT DISCOLORATION
CORROSION, COPPER METHOD 530.6 OF VV-L791	PASS

*THESE ARE TYPICAL SPECIFICATIONS AND ARE SUBJECT TO THE USUAL MANUFACTURING TOLERANCES.

(OVER)

MATERIAL SAFETY DATA SHEET

BE SAFE! READ THIS PRODUCT SAFETY INFORMATION

DATE: JULY 17, 1997

BORTZ PRODUCTS
P.O. Box 2163
Santa Fe Springs, Ca. 90670
Business Day Phone Number: 1-310-696-8079
Emergency 24 Hour Phone: 1-800-424-9300 (Chemtrec)

This MSDS complies with 29CFR 1910.1200 (Hazard Communication Standard). **IMPORTANT: Read this MSDS before handling and disposing of this product.** PASS THIS INFORMATION ON TO EMPLOYEES, CUSTOMERS AND USERS OF THIS PRODUCT.

SECTION 1 - CHEMICAL PRODUCT IDENTIFICATION

BORTZ KEROSENE

5 Gallon	Product I.D. Number (UPC)	28236 16050
Gallon	Product I.D. Number (UPC)	28236 16010
Quart	Product I.D. Number (UPC)	28236 16040

SECTION 2 - INGREDIENT & REGULATORY INFORMATION

All components of this product are on the TSCA list.

MATERIAL	*CAS#*	*WT%*
Petroleum hydrocarbon	Mixture	100%

SARA TITLE III SECTION 313 SUPPLIER NOTIFICATION
This product contains the indicated (*) toxic chemical's subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right To Know Act of 1986 and of 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for this material.

SARA TITLE III INGREDIENTS

MATERIAL	*CAS#*	*WT%*	*REG. SECTION*
Petroleum distillate	8008-20-6	100	(311,312,RCRA)
Xylene*	1330-20-7	>1	(311,312,313,RCRA)
May Contain 1,2,4 Trimethylbenzene*	25551 13-7	>1	(311,312,313,RCRA)

SARA SECTION 312/313 HAZARDS: Acute Health, Chronic Health, Fire

MATERIAL	*CAS#*	*TWA+ (OSHA)*	*TLV (ACGIH)*
Petroleum Distillate mixture	8008-20-6	400 ppm	400 ppm

HAZARDS: HEALTH CODE: 3, FLAMMABILITY CODE: 2, REACTIVITY CODE: 0
HAZARD RATINGS: LEAST-0, SLIGHT-1, MODERATE-2, HIGH-3, EXTREME-4

CALIFORNIA PROPOSITION 65: This product contains the following chemicals known to the State of California to cause cancer: Benzine

SECTION 3. HAZARD IDENTIFICATION

ACUTE HAZARDS

EYE & SKIN CONTACT: Liquid is minimally irritating to the eyes. High vapor concentrations may cause irritation. Liquid is slightly irritating to the skin. Prolonged or repeated liquid contact can result in defatting and drying of the skin which may result skin irritation and dermatitis.

INHALATION: Vapors may be irritating to nose, throat, and respiratory tract. High vapor concentrations may cause CNS depression.

SWALLOWING: Ingestion of product may result in vomiting. Aspiration (Breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspiration pneumonitis.

SUBCHRONIC HAZARDS / CONDITIONS AGGRAVATED

CONDITIONS AGGRAVATED: Preexisting eye, skin, and respiratory disorders may be aggravated to this product.

SECTION 4. FIRST AID MEASURES AND PROCEDURES

EYE CONTACT: For eyes, immediately flush with plenty of water for at least 15 minutes & call Physician.

SKIN CONTACT: In case of contact with skin, wash thoroughly with soap and water. If irritation continues get medical attention. Wash contaminated clothing before reuse. (May need to discard contaminated shoes).

INHALATION: After high vapor exposure, remove victim to fresh air. If breathing is difficult, give oxygen. If breathing has stopped give artificial respiration. CALL A PHYSICIAN IMMEDIATELY!

SWALLOWING: If swallowed do not induce vomiting. CALL A PHYSICIAN IMMEDIATELY! Keep head below hips to prevent aspiration of liquid into the lungs. Never give anything by mouth to an unconscious person.

SECTION 5. FIRE FIGHTING MEASURES

FLAMMABLE LIMIT IN AIR (% by volume) LOWER: 0.7 - UPPER: 6
FLASH POINT (test method) : 120 DEG. F (TCC)

EXTINGUISHING MEDIA: Use water fog, dry chemical or CO2. Do not use direct stream of water. Product will float and can be reignited on surface of water.

SPECIAL FIRE FIGHTING PROCEDURES: COMBUSTIBLE! Do not enter confined fire-space without full bunker gear. (Helmet with shield, bunker coats, gloves and rubber boots). Use NIOSH approved positive-pressure self-containing breathing apparatus. Water spray may be ineffective on fire but can protect fire-fighters and cool closed containers.

UNUSUAL EXPLOSION PROCEDURES: COMBUSTIBLE! Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure build-up which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container.

SECTION 6. ACCIDENTAL RELEASE MEASURES

CAUTION: COMBUSTIBLE LIQUID
Eliminate potential source of ignition.

SPILL OR LEAK: Stop spill at source. Dike area and contain. Clean up remainder with absorbent materials. Mop up and dispose of. Persons without proper protection should be kept away from area until cleaned up.

WASTE DISPOSAL METHOD: Recycle or dispose of observing local, state and federal health, safety and pollution laws. If questions exist, contact the appropriate agencies.

OTHER PRECAUTIONS: Vapors may ignite explosively & spread long distances. Prevent vapor build-up.

SECTION 7. HANDLING AND STORAGE

HANDLING: Isolate from heat, sparks, electric equipment and open flame. Use only with adequate ventilation. Avoid breathing of vapor or vapor mist. Do not get in eyes, on skin or clothing. Wear OSHA standard goggles or face shield. Consult Safety Equipment Supplier. Wear gloves, apron and footwear impervious to this material.

Wash clothing before reuse. Avoid free fall of liquid. Static electricity may accumulate and create a fire hazard. Ground containers when transferring. Do not flame cut, saw, drill, braze or weld. Empty container very hazardous! Continue all label cautions!

STORAGE: Vapors may ignite explosively and spread long distances. Prevent vapor build-up. Put out pilot lights and turn off heaters, electric equipment and other ignition sources during use and until all vapors are gone. Do not store above 49C / 120F. Store large amounts in structures made for OSHA Class1B liquids. Keep container tightly closed and upright when not in use to prevent leakage. Continue all label cautions!

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS: Ventilate to keep vapors of this material below 400 ppm. If over TLV, in accordance with 29 CFR 1910.134. Use NIOSH approved positive-pressure self-contained breathing apparatus. Consult Safety Equipment Supplier. Use explosion proof equipment.

VENTILATION:

LOCAL EXHAUST:	NECESSARY
MECHANICAL (GENERAL)	ACCEPTABLE
SPECIAL:	NONE
OTHER:	NONE

PERSONAL PROTECTIONS: Wear OSHA standard goggles or face shield. Consult Safety Equipment Supplier. Wear gloves, apron and footwear impervious to this material. Wash clothing before reuse.

SECTION 9. PHYSICAL DATA

APPEARANCE:	Liquid, Light color
ODOR:	Hydrocarbon
BOILING RANGE:	370 - 520 DEG F
GRAVITY @ 60F	
SPECIFIC GRAVITY (WATER=1)	.820
VOLATILE ORGANIC COMPOUNDS (TVOC) (G/L)	790
VAPOR PRESSURE (mm of hg) @20c	>1
VAPOR DENSITY (air = 1)	6
% VOLATILE BY VOLUME	100.0

SECTION 10. REACTIVITY DATA

STABILITY.

Stable

CONDITIONS AND MATERIALS TO AVOID:

Isolate from oxidizers, heat, sparks, electric equipment and open flame.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon Monoxide and other unidentified organic compounds may be formed during combustion.

HAZARDOUS POLYMERIZATION

Will not occur

NOTICE: The supplier disclaims all expressed or implied warranties of merchant ability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturer's and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to publication or use of, or reliance upon, information contained herein. This information relates only to the product designation herein, and does not relate to its use in combination with any other material or process.

Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
5796 Corporate Avenue
Cypress, California 90630

Yana Garcia
Secretary for
Environmental Protection

Gavin Newsom
Governor

October 25, 2022

Monica Hope
SCS Engineers
MHope@scsengineers.com

PR4-102422-12

Dear Requestor:

On October 24, 2022, the Department of Toxic Substances Control (DTSC) received your email of October 21, 2022, requesting records under the Public Records Act. DTSC Cypress has identified site records responsive to your request:

West Coast Rubber, 7180 Scout Ave., Bell Gardens. I have attached entire site documents: 48 Page, 1996 - 1999. (This completes your request).

DTSC did not find records for: 7190 Scout Ave., Bell Gardens

Please contact us to schedule an appointment to review these records. DTSC will notify you if any of the records will be withheld from disclosure under the Act.[i] We recommend you bring a copier or arrange for a bonded copying service to make copies of the records. We will need our internal departments to evaluate and sign them off for review.

A large number of our records are available on EnviroStor, an online database that provides non-confidential, public access to DTSCs data management system. It tracks our cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known or suspected contamination issues. EnviroStor is available 24/, 365 days a year. The data reflects the latest updates as they are entered in the system. Access it from your computer or smartphone, the local library – anywhere Internet access is available. Just go to www.envirostor.dtsc.ca.gov.You'll find a step-by-step tour of EnviroStor under the "How to Use EnviroStor" menu on the website.

If you have any questions or would like further information regarding your request, please contact me via email at jone.barrio@dtsc.ca.gov .

Respectfully,

Jone Barrio

Jone Barrio
Regional Records Coordinator

[i] Some of the records may be exempt from disclosure under the Public Records Act because they may be identified as follows: (1) preliminary drafts or notes (Government Code sections 6254(a)); (2) records pertaining to pending litigation (Government Code section 6254(b)); (3) personnel, medical, personal or private information (Government Code sections 6254(c), 6254(k), 6254.3; Civil Code section 1798, et seq.); (4) records pertaining to complaints or investigations or identification of confidential informant(Government Code section 6254(f)); (5) records covered by the attorney-client privilege (Government Code section 6254(k); Evidence Code section 954); (6) records covered by the attorney work product privilege (Government Code section 6254(k); Code of Civil Procedure section 2018.030); (7) records covered by the deliberative process privilege (Government Code sections 6254(k), 6255; Times Mirror Company v. Superior Court (1991) 53 Cal. 3d 1325); (8) records covered by the official information privilege (Government Code section 6254(k); Evidence Code section1040); and/or (9) records containing confidential business information or trade secrets (Government Code· section 6254(k); California Code of Regulations, title 22, section 66260.2; Evidence Code section 1060; Health and Safety Code sections 25173, 25185(d), 25358.2); (10) records containing geological and geophysical information (Government Code section 6254 (e)). This is not an exhaustive list and other exemptions may prevent disclosure of records.

Appendix F

Resumes of Project Personnel

J. JUSTIN RAUZON, REPA

Justin Rauzon, REPA

Education

MEM – Environmental Management, Duke University, 2014
BS – Zoology (Double Emphasis: Human and Marine Biology), Brigham Young University, 2004

Professional Licenses

Registered Environmental Property Assessor (REPA), National Registry of Environmental Professionals (No. 485639)

Specialty Certifications

OSHA 40-Hour Health and Safety Training for Hazardous Waste Workers
8-Hour Annual Refresher Training for Hazardous Waste Site Activities
OSHA 16-Hour Initial Asbestos Operations and Maintenance Training
Thermo Scientific Niton XRF Analyzer Operator's Training
First-Aid and CPR Training

Professional Affiliations

National Ground Water Association, Member (2015 to Present)
Industrial Environmental Association, Member (2018 to Present)

Professional Experience

Mr. Rauzon has more than 16 years of environmental services experience, all with SCS. Fluent in Spanish, Mr. Rauzon is an SCS Project Manager with a diverse background in biological and environmental sciences, and regularly performs environmental assessments and compliance audits at sites in the U.S. and in Latin America. He has technical and management experience with soil, soil vapor, and groundwater investigations at industrial, commercial, landfill, greenfield, and residential properties. He has extensive experience with environmental laws and regulations in both the U.S. and Mexico. His work experience includes all project phases, from development of cost estimates for various site assessment and cleanup programs to implementing remediation programs and interfacing with regulatory agencies. His experience with and understanding of these issues led to his appointment as a National Partner in Environmental Due Diligence in 2021.

Selected projects in which he has participated are described below.

Environmental Management

Due Diligence Assessments of Properties Prior to Real Estate Transfer of Properties in California, Arizona, New Jersey, Mexico, Puerto Rico, and the Dominican Republic. Mr. Rauzon has completed numerous due diligence assessments of properties prior to acquisition, disposition, or loan financing by investment banks, insurance companies, corporations, non-profit entities, real

estate developers, and private parties. Projects have included Phase I assessments that meet federal All Appropriate Investigation (AAI) regulations, American Society for Testing and Materials (ASTM) standards, and client-specific guidelines; inspections for asbestos and lead-based paint; Phase II investigations; preparation of abatement and remediation cost estimates; and regulatory agency coordination. These projects frequently involve review of previous environmental reports and investigation of current and past on-site operations, regulatory agency records searches, evaluation of historical property use information, identification of nearby potentially contaminated sites, and development of appropriate conclusions about environmental risks. Investigations involve preparation of work plans, soil boring and subsequent sampling, groundwater well installation and sampling, soil gas probe installation and sampling, precision mapping, evaluation of contaminants in accordance with regulatory requirements or generally accepted guidelines, preparation of investigation report, and analysis of applicable remedial alternatives. Mr. Rauzon has served as the Project Manager for sites that have received regulatory closure from various regulatory agencies.

Planning, Coordinating, and Supervising Remedial Actions That Included Excavation, Transport, and Disposal of Contaminated Soils and Water. Investigations involve preparation of Remedial Action Plans (RAPs), direction of fieldwork, oversight of confirmatory sampling, and interfacing with regulatory agencies.

Groundwater Monitoring and Reporting for Simi Valley Landfill and Recycling Center, Simi Valley, CA. Mr. Rauzon is a key team member for the sampling and monitoring of 10 groundwater wells and 5 leachate locations to evaluate potential releases from waste units affecting groundwater at Simi Valley Landfill. He also prepares the annual leachate control system's effectiveness reports and documents results of resampling of groundwater wells based on initial statistical indications of a release.

The Characterization of Hazardous Waste Materials. These projects include collection of soil and/or liquid samples to profile the waste materials, interpretation of laboratory results, and evaluation of disposal/recycling options to minimize the costs and liabilities to clients associated with the removal of wastes.

Assessment and Certification of Hazardous Waste Tank Systems. These investigations involve working with a Professional Engineer to complete field inspections of hazardous waste tanks, associated ancillary equipment, leak-detection systems, and secondary containment devices, as well as interfacing with regulatory agencies.

Project Management

Project Manager for Environmental Due Diligence Assessment and Health and Safety Program Review of Six Geothermal Power Plants Located in California, Nevada, New Mexico, and Utah. SCS services included time-sensitive field inspection, environmental document and permit review, and preparation of environmental risk evaluation reports. Mr. Rauzon reviewed and assessed plant health and safety plans and procedures; facility response plans; incident reports; and arrangements for plant selection, appointment, and management of support contractors. SCS provided support consulting services in the successful client plant acquisition and integration support.

Project Manager for Due Diligence Investigations at Dry Mill and Biofuel Distillery Plant, Madera, CA. SCS services included Phase I environmental assessment and Phase II soil, soil vapor, and groundwater investigation to support client's acquisition of an ethanol production plant at which a lumber mill was historically located. SCS provided additional consulting services related to remediation cost analysis and management of ongoing environmental issues.

Project Manager for Due Diligence Investigation of a Portfolio With More Than 300 Industrial Sites Throughout Mexico. SCS services included conducting Phase I and Phase II environmental assessments within the strict timeline of the $1.2 billion industrial real estate transaction. Subsequent to the closing of the deal, SCS provided ongoing consulting services to facilitate integration and management of various facilities with ongoing environmental issues.

Project Manager for Hazardous Materials Consulting Services in Support of the State Route 91 Corridor Improvement Project in Orange and Riverside Counties, CA. SCS services included sampling and inventory of potentially hazardous materials associated with more than 25 bridges along the SR-91 and I-15 freeways; environmental assessments on properties within the proposed freeway expansion area; and soil testing for herbicides, pesticides, and fungicides on several land parcels.

Project Manager for Investigation and Remediation of Industrial Facility Located in Fontana, CA. SCS conducted a series of environmental assessments, investigations, and remedial activities that provided sufficient information to identify environmental issues and business risks, and facilitate the client's successful purchase of property. A number of recognized environmental conditions, including releases of coal tar, solvents, heavy metals, and total petroleum hydrocarbons, were identified. Project activities conducted during the acquisition and redevelopment of the property included shallow and deep soil and soil vapor investigations; installation of groundwater monitoring wells and subsequent groundwater sampling; subsequent remedial excavation under San Bernardino County Fire Department (SBCFD) oversight to obtain closure; and excavation and off-site disposition of contaminated soil.

Health and Safety

Mr. Rauzon has participated in a certified health and safety program in compliance with OSHA Standard 29 CFR 1910.120. He is knowledgeable in incident response operations, team functions, personnel safety, and field equipment. He is able to recognize and evaluate potential chemical and physical hazards and associated risks in field operations; discuss and use personal protective equipment (PPE), such as respiratory protection and protective clothing; use and interpret direct-reading instruments; and examine and establish Standard Operating Safety Guidelines to ensure safe and effective response operations.

Publications

Rauzon, J. J., "Mexico: Environmental Due Diligence and the Mexican Waste Law," EHS Journal, November 13, 2010.

JULIO A. NUNO, REPA, CESCO

Education

MS – Environmental Engineering, University of Southern California, 1982
BS – Biological Sciences, University of Southern California, 1979

Professional Licenses

Registered Environmental Property Assessor (REPA), National Registry of Environmental Professionals (No. 443198)
Certified Environmental and Safety Compliance Officer (CESCO), National Registry of Environmental Professionals (No. 265109)

Professional Affiliations

Water Environment Federation
California Water Environment Association
National Groundwater Association

Professional Experience

Mr. Nuno has over 37 years of environmental services experience, all with SCS, and extensive expertise in property evaluation and due diligence; site assessment, investigation, and remediation; underground storage tank (UST) assessment, upgrading, removal, and leakage cleanup; and hazardous waste management. He works extensively with regulatory agencies, fully understands regulations pertaining to petroleum hydrocarbons and hazardous waste, and has worked on numerous projects associated with real estate transactions to assess the potential for releases, characterize releases of contaminants to soil, soil vapor, and groundwater, implement remedial measures, and develop cost estimates for assessing and mitigating impacts. As SCS Senior Vice President responsible for Environmental Services in Southern California, Arizona, and Nevada, Mr. Nuno has directed SCS's contributions to a number of major projects, including construction of the Staples Center and the Phoenix Award-winning Chesterfield Square project, both in Los Angeles, CA.

Hazardous Waste/Materials Management

Project Manager for closure of an ordnance production and ramjet test facility, Van Nuys, CA. The project involved closure of a facility containing Resource Conservation and Recovery Act (RCRA) hazardous waste management units. Closure activities included implementing a plan approved by the California Environmental Protection Agency (CEPA) and Department of Toxic Substances Control (DTSC), conducting inventory while sampling various containers of hazardous materials, preparing a preliminary site assessment, conducting an investigation of former underground tanks and hazardous materials storage areas, providing asbestos management services, installing/monitoring groundwater wells, and remediating impacted areas. Mr. Nuno served as the primary contact for the DTSC and SCS's client.

Managed a 2-year multiple assignment contract to provide environmental services to the Port of Los Angeles, CA. Projects completed under this contract included preliminary site assessments of numerous properties scheduled for acquisition by the Port of Los Angeles (Port), the implementation

of subsurface investigations for two closed shipyards, development of a sampling plan and collection of surface soil samples from the property storing various hazardous materials, collection and analysis of samples from building materials for asbestos, and collection and analysis of samples from creosote wharf pilings to evaluate disposal options. Mr. Nuno's responsibilities included coordinating site activities, interfacing with Port personnel, reviewing project submittals, preparing monthly progress reports, managing subcontractors, and interfacing with regulatory agencies.

Regulatory compliance assessment of a manufacturing facility, Bell, CA. This project included conducting facility operations to determine compliance with environmental regulations, including materials management, permitting, and maintenance of records. A report was prepared summarizing the applicable regulations while providing recommendations.

Managed a multi-year contract for environmental services at the Long Beach Naval Shipyard and Terminal Island Naval Complex. Projects completed under this contract included the preparation of a hazardous materials Spill Prevention, Control, and Countermeasures (SPCC) Plan, evaluation of wastewater discharges from industrial sources, preparation of a closure plan for a permitted hazardous waste storage facility, the design of three hazardous waste staging facilities, and the implementation of a site closure investigation.

Project to determine whether impoundment ponds used for the treatment of wastewater generated during operations involved in explosives formulation and packing should be permitted as hazardous waste treatment facilities, Naval Weapons Center, China Lake, CA. The objective for this project was to determine whether the impoundment ponds, used for the treatment of wastewater generated during operations, were exposed to explosive formulations, which required permitting the Naval Weapons Center as a hazardous waste treatment facility. The project was completed on site at the military facility and involved interviewing personnel familiar with the operations. Per regulatory requirements, the collection of wastewater and sediment from the impoundments was used for subsequent analysis, which was presented in a final written report submitted to the client.

Hazardous waste/materials management program for the Nevada Department of Transportation. Visits were made to each field maintenance station and major maintenance stations located throughout the state to determine the types of hazardous materials used, along with observing the methods of handling and disposal. The final report contained (1) suggestions for improving hazardous waste/materials management practices; (2) a policy document for the hazardous materials; and (3) a training program for personnel involved in hazardous waste management.

Guidance to the California Department of Health Services in performing and implementing an audit program for facilities generating hazardous wastes. The audits were conducted to evaluate present waste/materials management practices and to propose recommendations to reduce the volume of wastes being generated. Recommendations were evaluated on the basis of cost effectiveness and ease of implementation. Audit programs were developed for three industries: the paint and body segment of the automotive repair industry, the marine shipyard maintenance and repair industry, and the precious metals recovery industry. Mr. Nuno participated in many of the facility audits and prepared portions of the reports submitted to the client.

Inventory of oil-filled electrical equipment at properties owned by the State of California to determine if this equipment contained polychlorinated biphenyl (PCB). State of California-owned properties were evaluated in a housing inventory of oil-filled electrical equipment that potentially contained PCB. To determine the outcome in an event of equipment failure, SCS assessed potential pathways and receptors that could contribute to the failure. Mr. Nuno's role on this project was to

visit facilities throughout the state, identify electrical equipment that could contain PCBs, and inventory the equipment.

Preparation of SPCC Plans. Mr. Nuno has directed and managed several projects involving preparation of SPCC Plans, including several container facilities within the Port of Long Beach, an airship operation in Carson, a printing operation, and an aerospace facility at the Van Nuys Airport. Plans met or exceeded federal regulations.

Second-Party Review of Environmental Impact Report (EIR) for Proposed Intermodal Facility. As part of a review prior to submittal for public evaluation, Mr. Nuno reviewed sections of the EIR pertaining to Hazards and Hazardous Materials. A detailed review was conducted, with comments provided for consideration as part of the final draft document.

Independent Review of Reports, Various Locations. Mr. Nuno is continuously requested to review documents and provide his professional opinion regarding complex cases. Clients include the City of El Monte, City of Buena Park, Retirement Housing Foundation, Doerken Properties, and Olive Branch Development.

Porter Ranch Dust Monitoring. During grading activities for a major residential development, notices of violation were issued to the grading contractor by the South Coast Air Quality Management District (SCAQMD). Mr. Nuno's role on this project consisted of attending meetings with the SCAQMD, preparing a dust mitigation plan, and coordinating staff to provide dust monitoring during grading.

Due Diligence for Property Transfers

Mr. Nuno has completed and has been involved in several hundred due diligence assessments of properties prior to acquisition by real estate developers, City Redevelopment Agencies, corporations, non-profit entities, and private parties. Projects have included Phase I assessments meeting federal All Appropriate Investigation (AAI) regulations and the American Society for Testing and Materials (ASTM) standards, inspections for asbestos and lead-based paint, Phase II investigations, preparation of abatement and remediation cost estimates, and regulatory agency coordination.

On behalf of the City of Pico Rivera, Mr. Nuno served as the Project Manager for the first closure issued by the Los Angeles Regional Water Quality Control Board (RWQCB) under the Polanco Bill.

Former Boeing C-17 Facility. Mr. Nuno served as leader of a team that assessed the former Boeing C-17 facility in Long Beach. The assessment included evaluation of several comprehensive documents completed as part of the assessment and closure of the former military aircraft manufacturing facility. The efforts resulted in the successful transfer of real estate to our client.

Former Landfill Sites. Mr. Nuno has completed Phase I Environmental Site Assessments (ESAs) of properties used in the past for disposal of waste materials and operated as landfills. These facilities have been located throughout Southern California.

Site Assessment and Remediation

For Staples Center/LA Live in Los Angeles, served as Project Director for assessment and cleanup of properties acquired as part of the support area (parking lots, future hotels, and other support operations). This project included Phase I ESAs of properties on several blocks surrounding the Staples Center, implementation of subsurface investigations to assess potential contaminants from past on-site operations to soil and groundwater, risk evaluation and negotiation of cleanup levels with regulatory agencies, and implementation and oversight during remediation. Due to the Staples Center's construction schedule, SCS's work was completed on an expedited basis.

Former Refinery, Santa Fe Springs, CA. Mr. Nuno was the principal investigator prior to a real estate transaction involving a former refinery. Mr. Nuno was responsible for reviewing previous investigative reports, including a Remedial Action Plan (RAP) for completeness, and for providing remediation recommendations based on available data, which were implemented in cost estimates for the site development.

City of Irwindale, CA. A residential development was proposed for a parcel of land associated with historical uses resulting in potential hazardous material releases. SCS conducted a Phase II investigation with an approach developed by Mr. Nuno assessing soil and soil vapor at the site. Wipe samples were also collected in a building on site that was reported as a clandestine drug laboratory.

Due Diligence and Permitting for a Nationwide Building Materials Manufacturer, various locations in the U.S. and Canada. Mr. Nuno has served as the primary interface between clients and SCS staff within several SCS offices conducting Phase I ESAs on manufacturing facilities throughout the U.S. and Canada. He has developed project budgets, coordinated SCS staff efforts, submitted investigations, and served as Principal Reviewer for deliverables.

City of El Monte Gateway project, El Monte, CA. The City of El Monte planned to expand its Public Works Yard on 14 acres of what used to be a former burn dump. In preparation for this development, Mr. Nuno reviewed previous environmental investigations while collaborating with site developers and regulatory agencies to obtain necessary approvals for the proposed development. Regulatory agency involvement included the DTSC, Los Angeles County Local Enforcement Agency (LEA), CalRecycle, and South Coast Air Quality Control Management District (AQCMD). As Project Director, Mr. Nuno prepared a work plan for an additional investigation and implementation, which included a cap for lead-impacted soils. During development, he reviewed analytical data from soil samples collected during excavation, and provided consulting services to site developers while interfacing with the DTSC. As a result, a Remedial Action Completion Report (RACR) was prepared and submitted to DTSC for approval, which later granted development of the site for residential and commercial uses.

Preparation of a Remedial Action Plan (RAP) and Remedial Design Documents for the Los Angeles Unified School District (LAUSD) South Region Elementary School No. 6. Mr. Nuno served as the Principal Contact for the preparation of a RAP and remedial design documents. The documents were completed to meet DTSC requirements and approved for implementation. The design included excavation of soils impacted by pesticides, petroleum hydrocarbons, and volatile organic compounds (VOCs), and in-situ remediation of VOC-impacted soil using vapor extraction.

Malibu Civic Center, Limited Phase I ESA for Proposed Wastewater Treatment Facility, Malibu, CA. Mr. Nuno served as Project Director for the assessment of a proposed wastewater treatment facility in Malibu, CA. The assessed area consisted of approximately 1.15 by 2.13 miles of proposed project area with a Wastewater Treatment Plant (WTP), two injection well areas, six pump stations, and numerous piping runs within city streets. For the Limited Phase I ESA, the WTP, injection well areas, and pump station areas were inspected to identify possible Recognized Environmental Conditions (RECs). Historical review was conducted for each of the project areas. In addition, a database search of known sites with reported releases was conducted. Potential RECs within the project area (i.e., leaking USTs, solvent use, dry cleaners, and other release sites) were identified and reported.

Market Street Development, Long Beach, CA. As part of a pre-acquisition evaluation, Mr. Nuno was involved in the preparation of a Phase I ESA and Phase II investigations to assess potential impacts associated with past oil extraction activities on the site and in the vicinity. In addition, available information indicated that releases from a nearby former service station and dry cleaning facility may have impacted the site. Mr. Nuno developed an investigation approach to assess impacts to the

property, which included collection of soil and soil vapor samples. He also provided recommendations for evaluation and re-abandonment of former oil wells occupying the property.

Due Diligence associated with acquisitions of the Los Angeles Dodgers baseball organization, Los Angeles, CA, and Vero Beach, FL. Mr. Nuno was responsible for coordinating assessments of Dodger Stadium in Los Angeles and the training facility in Vero Beach, FL, initially as part of the acquisition by Fox Entertainment Group and again when acquired by Frank McCourt. The assessments included Phase I ESAs, lead-based paint surveys, and inspections for asbestos-containing materials. Subsurface investigations of certain areas of both facilities were also completed under his direction.

Investigations and remediation of former dry cleaning facilities, Torrance, Stanton, and La Verne, CA. Investigations at numerous active and former dry cleaning facilities have been completed to assess the potential for releases of solvents. These investigations consisted of soil vapor assessments, collection of bulk soil samples, and groundwater monitoring. Additional evaluations have been completed to define the extent of the plume to obtain information used in evaluating remedial alternatives. Implemented remedial measures have included excavation, vapor extraction, in situ chemical oxidation, biological enhancement, monitored natural attenuation, and risk management. Permanent overlying structures contributed to the complexity of the remediation efforts. The contractors retained to implement portions of the remediation collaborated with Mr. Nuno, utilizing his expertise to review submitted bids and ensure that work performed was in accordance with bid requirements.

Remedial investigation, groundwater well installation and monitoring, and evaluation of mitigation measures for a former refinery in Central California. Mr. Nuno served as Project Manager for the site investigation, which included coordination of site activities, interpretation of analytical data, and interfacing with SCS's client and regulatory agency personnel.

Naval Assessment and Control of Installation Pollutants program conducted at 16 Navy and Marine Corps facilities, San Diego, CA. As part of the Department of Defense (DOD) installation restoration program, 16 facilities were identified as potentially contaminated sites resulting from the past use, storage, handling, and disposal of hazardous materials. The project consisted of the review of archival and base records, interviews with long-term or retired base personnel, on-site inspections/surveys, and the submission of a final report.

Former Miller Way Landfill closure and removal of soil stockpile from former gun range, South Gate, CA. On behalf of the City of South Gate, Mr. Nuno assisted with the closure of a former inert refuse landfill, which included preparation of a grading plan for the facility, quality assurance as part of the grading process, and installation of drainage structures while maintaining communication with the Los Angeles RWQCB. Following an inspection by the DTSC, an enforcement order was issued to remove a stockpile of soil contaminated with lead. Under Mr. Nuno's direction, the soil was characterized and disposed of in a cost-effective manner. He interfaced with DTSC personnel throughout the duration of the program. A final report was submitted to DTSC, leading to issuance of a no further action letter regarding the soils.

Supplemental site investigation and preparation of a health risk assessment for former industrial zinc plating facility, Long Beach, CA. A removal action was issued by the U.S. Environmental Protection Agency (EPA) for an abandoned facility. SCS reviewed available reports associated with the facility, initiated discussions with the DTSC, prepared a work plan for additional investigation in accordance with the corrective action agreement, and implemented the investigation that included collection and analysis of soil, soil vapor (sub-slab and subsoil), indoor air, and groundwater

samples. Data collected was used to prepare a health risk assessment submitted to the DTSC, which resulted in the commercial redevelopment approval.

Investigation and Abatement of Pesticide-Impacted Soil, Oxnard, CA. In response to recommendations within a Phase I Environmental Assessment and Soil Sampling report prepared by another consultant for a property proposed for residential development, Mr. Nuno worked with the Ventura County Environmental Health Department (EHD) to develop an abatement approach for elevated concentrations of toxaphene detected in the soil. Based on the information provided, closure was issued by the EHD.

Methane Gas Assessments – Los Angeles, Signal Hill, Long Beach, and Santa Fe Springs, CA. In order to assess potential hazards associated with development within former and existing oil field areas, investigations were conducted to address local requirements to determine protection measures potentially required as part of existing or proposed developments. Investigations consisted of installing several wells, monitoring to assess concentrations of combustible gases, and preparing reports to provide conclusions and recommendations analyzed from the data.

Proposed Redevelopment, Vermont Avenue, Los Angeles, CA. In order to evaluate a property proposed for subterranean construction, Mr. Nuno developed an approach to investigate potential concerns associated with past on- and off-site uses, which included former automotive repair. The investigations also included surveys for asbestos-containing materials and a methane gas investigation in accordance with City of Los Angeles requirements. In addition, a soil management plan was prepared to provide contingencies for the impacted soil in the event of exposure during construction. Based on the results of the investigation, regulatory concurrence was received from the Los Angeles County Fire Department, Site Mitigation Unit.

Phase I ESA and Site Characterization, Canoga Park, CA. Available documentation indicated that a portion of a building was used as a dry cleaner. A soil vapor investigation revealed the presence of tetrachloroethylene (PCE) in soil. Assessments of soil vapor, soil, and groundwater were conducted to fully characterize the extent of the release. In addition, indoor air sampling was conducted to assess the potential for PCE migration into the building.

Site Assessments, Oil and Gas Industry, Central Coast and Bakersfield, CA. Mr. Nuno has been involved in conducting initial assessments and subsurface investigations of oil fields in the Central Coast and Bakersfield areas. The initial assessments included a site inspection and evaluation of background information, including historical aerial photographs to identify potential release areas. Investigations were conducted to assess possible releases.

Storage Tanks

Assessment of Storage Tanks Containing Hazardous Waste. Mr. Nuno has been involved in several dozen projects to assess the condition of aboveground tanks used for storing hazardous wastes, including oil and other petroleum wastes, acids, and caustics. These assessments were completed in accordance with regulatory requirements under Title 22 California Code of Regulations 66265.190 through 66265.202.

University of California, Los Angeles (UCLA). For several years, Mr. Nuno has assisted UCLA in complying with applicable federal, state, and local regulations for USTs throughout the campus located in Los Angeles, CA. Services provided have included inspections, reviews of existing as-built drawings, coordination of testing, preparation of plans for upgrades or modifications, assistance with plan checks, interfacing with regulatory agencies, sample collection, preparation of work plans and closure reports, and construction quality assurance (CQA).

City of Buena Park Auto Center, Buena Park, CA. As part of the acquisition of properties that would comprise the Auto Center, SCS completed several Phase I Assessments and Phase II Investigations. One of the properties assessed was determined to have been a former gasoline service station that had impacted both soil and groundwater. Investigations of soil and groundwater were completed under Mr. Nuno's direction, and a RAP was submitted for the mitigation of fuel hydrocarbons. Groundwater monitoring was conducted on a semi-annual basis through cleanup. Based on the investigations, a transaction was structured for the purchase of the property.

City of South Gate Department of Public Works, South Gate, CA. Following failed Senate Bill 989 (SB 989) highlighting fueling system tests and emergency USTs, SCS performed evaluations of existing installations to identify the necessary upgrades. As Project Manager, Mr. Nuno interfaced with SCS's client and regulatory agency personnel for several projects providing recommendations for upgrading underground tank installations, preparing and reviewing plans and specifications, providing assistance during the bidding process, conducting oversight during installation, collecting soil samples as part of closures, and preparing closure reports.

Retirement Housing Foundation, Angelus Plaza, Los Angeles. As follow-up to a Phase I ESA completed on this property, an investigation was completed to assess the potential for releases of fuel from underground tank systems. Borings were drilled adjacent to the underground tanks and pipelines, subsequently assisting in the evaluation of alternatives for replacing one of the underground tanks.

Investigation and remediation of soil and groundwater impacted as a result of release from a UST, Santa Fe Springs, CA. This project consisted of characterizing soil and groundwater with the oversight of the Los Angeles County Department of Public Works and RWQCB. A vapor extraction remediation system was installed to mitigate gasoline-impacted soil. Groundwater monitoring was conducted throughout the duration of remediation efforts. Costs were reimbursed under the California Underground Tank Cleanup Fund, requiring review of all work and associated costs by fund personnel.

Evaluation of alternatives for mitigation of soil contamination from leaking USTs at Los Angeles International Airport (LAX), CA. The evaluated alternatives included excavation and on-site treatment, excavation and hauling to a disposal site, vapor extraction, and no action. Alternatives were evaluated in terms of ease of implementation, regulatory constraints, costs, duration of treatment, and other applicable factors.

RHF Bixby Tower investigation and closure, Long Beach, CA. Available information indicated a portion of the property occupied by Bixby Tower was a former service station with USTs. A subsurface investigation indicated the presence of low concentrations of petroleum hydro-carbons. Data were submitted to the Long Beach Health Department for review. Based on the data, no further action was issued by the Health Department.

Aboveground Storage Tank Evaluation. Mr. Nuno has been involved in several projects involving the evaluation of aboveground storage tanks used to contain hazardous wastes. The evaluation was conducted in accordance with the California Code of Regulations and included the evaluation of construction materials, compatibility of the tank with materials stored in the tank, corrosion protection, and whether adequate spill protection is available.

Expert Witness/Litigation Support

Mr. Nuno has provided litigation support on various projects, a representative sampling of which is provided below.

- In support of an eminent domain action to gain access to a property for investigation, Mr. Nuno provided court testimony that included an explanation of the rationale for the investigation, a description of what would be done on site, the amount of time required for the investigation, and how the results would be used. As part of this project, Mr. Nuno appeared in court on four separate occasions.

- Mr. Nuno served as an expert witness and provided deposition testimony regarding investigation and remedial activities conducted on a property in Los Angeles County. Soil and groundwater on a property taken through eminent domain by a redevelopment agency had been impacted by a release of fuel hydrocarbons. He provided testimony regarding the investigation that had been conducted by SCS, and the applicability of regulatory requirements to the site. He also critiqued reports prepared by the plaintiff's expert witness.

- Mr. Nuno served as an expert witness for a partnership involved in reorganization. His involvement regarded mitigation of contaminants on a developed property owned by the partnership, which was formerly utilized for oil production. He reviewed investigations conducted on the site by others, and provided realistic cost estimates for mitigating petroleum hydrocarbons identified in soil on the site.

- On behalf of a defendant that sold several properties throughout Southern California that contained USTs, Mr. Nuno reviewed investigation reports and provided a separate assessment of remedial measures that would be required at each site. Based on this evaluation, a settlement was negotiated.

- For a major manufacturing facility in Silicon Valley, Mr. Nuno evaluated information for a remedial investigation and cleanup action conducted as a result of a release from an aboveground tank containing chlorinated solvents. An opinion was provided regarding the appropriateness of measures taken to investigate and prevent the off-site migration of contaminants.

- Mr. Nuno served as Project Manager for an investigation conducted on a property that had been impacted by oil field operations. He interfaced with legal counsel and assisted SCS's expert witness in preparation for deposition and trial testimony.

- As part of litigation between a property owner and former tenant, Mr. Nuno was named as an expert witness to opine regarding investigations and adequacy of cleanup conducted to investigate a release from a former dry cleaning facility.

- Mr. Nuno has managed numerous preliminary site assessments and investigations conducted on behalf of law firms. In many cases, the work conducted by SCS formed the basis for negotiating the sale of real property. He has been involved in meetings with legal counsel of sellers and purchasers to discuss findings and provide opinions of potential liabilities associated with properties.

Publications and Presentations

Nuno, J. A, "Site Characterization," American Society of Civil Engineering National Conference on Environmental and Pipeline Engineering, July 2000.

Nuno, J. A., and T. Dong, "Contracting with Environmental Consultants," California Redevelopment Association Journal, September 1994.

Dong, T., and J. A. Nuno, 'Phased Approach to Due Diligence Environmental Assessment," California Redevelopment Association Journal, August 1994.

Nuno, J. A., Sullivan, P. S., and Lister, K. H., "Project Plan Development, Site Characterization, Risk Assessment, and Development and Evaluation of Remedial Action Alternatives," American Society of Civil Engineers/Canadian Society of Civil Engineers Environmental Engineering Conference, 1997.

Devinny, J. S., J. April, D. F. Buss, C. Johnson, K. Khan, K. H. Lister, J. A. Nuno, P. S. Sullivan, M. Tagoe, and D. Williams, "The ASCE Draft Environmental Site Remediation Manual," Practice Periodical of Hazardous, Toxic, and Radioactive Waste Management, Vol. 1, No. 3, July 1997.

Appendix G

User Questionnaire

SCS ENGINEERS

Environmental Consulting & Contracting

Project No.:
Project Name:

USER QUESTIONNAIRE[1]

Site Name: Downey (Foster Bridge + Bluff)

Site Address: 7360 Foster Bridge Blvd

Interviewee: Steve Armanino

Title: VP Community Development

Date: 1/30/23

In reference to Section 6, User Responsibilities, of the ASTM E1527-13 Standard Practice, the Environmental Professional (SCS Engineers) for this Phase I ESA is required to inquire with the user (Client) regarding their knowledge or possession of information that may assist in identifying recognized environmental conditions (RECs) pertaining to the Subject Site.

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by USEPA Brownfield Assessment and Characterization grantees. The user should provide the following information to the Environmental Professional overseeing this Phase I ESA. Failure to conduct these inquiries could result in a determination that "all appropriate inquiries" is not complete.

(1) Environmental Cleanup Liens (40 CFR 312.25). Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law? ☐ Yes ☒ No

If Yes, explain and/or provide information:

(2) Activity and Use Limitations (40 CFR 312.26(a)(1)(v) and (vi)). Did a search of recorded land title records (or judicial records, where appropriate) identify any AULs such as engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law? ☐ Yes ☒ No

☐ Yes ☒ No

If Yes, explain and/or provide information:

[1] The document is designed to comply with Section X3, User Questionnaire, of ASTM E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, and the USEPA AAI regulations (40 CFR §312).

(3) Specialized Knowledge or Experience (40 CFR 312.28). Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

☐ Yes ☒ No

If Yes, explain and/or provide information:

(4) Purchase Price vs. Fair Market Value (40 CFR 312.29). Does the purchase price being paid for this property reasonably reflect the fair market value of the property? ☒ Yes ☐ No

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? ☐ Yes ☐ No N/A

If Yes, explain and/or provide information:

(5) Commonly Known or Reasonably Ascertainable Information (40 CFR 312.30). Are you aware of commonly known or reasonably ascertainable information about the property that would help the Environmental Professional to identify conditions indicative of releases or threatened releases? For example:

(a) Do you know the past use of the property?

(b) Do you know specific chemicals that are present or once were present at the property?

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

(d) Do you know of any environmental cleanups that have taken place at the property?

☐ Yes ☒ No to all

If Yes, explain and/or provide information:

(6) Obvious Indications of Contamination (40 CFR 312.31). Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination of the property? ☐ Yes ☒ No

If Yes, explain and/or provide information:

This Page Intentionally Left Blank

Preliminary LID PLAN: Vesting Tentative Tract No. 84168

Proposed 33 Unit Townhome Development

Downey, California

ACG Project No. 103716

June 6, 2023

Site Location:

7360 Foster Bridge Boulevard
Downey, CA 90240

Owner:

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 9074
(562)370-2218

Prepared For:

Alan R. Short, PE
7263 W Galen Drive
Herriman, UT 84096
(949)586-5200

Prepared By:

Advanced Civil Group, Inc.
30251 Golden Lantern
Suite E PMB #251
Laguna Niguel, CA 92677
(866) 338-5778
advancedcivilgroup.com

Table of Contents

OWNER CERTIFICATION....3
1. Introduction....4
1.1 Purpose of Study....4
1.2 Project Description....4
- Figure 1: Vicinity Map....5
1.3 Background....6
1.4 Existing Condition....6
1.5 Proposed Condition....8
2. LID Sizing and Design....8
2.1 BMP Evaluation and SWQDv....8
2.2 LID Design....9
3. Stormwater Quality Control Measure Maintenance....10
Attachment 1....12
- Preliminary LID Exhibit....12
Attachment 2....13
- SWQDv Calculation....13
Attachment 3....14
- Preliminary Flow-Based Method Calculations for Dry Well System....14
Attachment 4....15
- Preliminary Grading Plans....15
Attachment 5....16
- Geotechnical / Infiltration Report....16
Attachment 6....17
- Inspection Report Template....17

OWNER CERTIFICATION

Low Impact Development Plan

This Low Impact Development Report has been prepared for The Olson Company, by R. Steven Austin, P.E. It is intended to comply with the requirements of the County of Los Angeles National Pollution Discharge Elimination Permit (Order No. R4-2012-0175-A01) issued by the Los Angeles Regional Water Quality Control Board. The undersigned is authorized to approve implementation of the provisions of this plan as appropriate and will strive to have the plan carried out by successors consistent with the City of Downey Low Impact Development Ordinance and the intent of the NPDES storm water program requirements.

I certify under penalty of law that this document and all attachments were prepared under my jurisdiction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

_____ _____

Signature Date

_____ _____

Name Title

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 92740-2751
(562) 596-4770

1. Introduction

1.1 Purpose of Study

This LID Report covers the post-construction operations on Tentative Tract No. 84168, in the City of Downey, California (see Figure 1, Vicinity Map). It has been developed as required under State Water Resources Control Board (SWRCB) Municipal NPDES Storm Water Permit for the County of Los Angeles and the Incorporated Cities of Los Angeles County, the County of Los Angeles Department of Public Works Low Impact Development Standards Manual dated February 2014 (LID Standards Manual), and in accordance with good engineering practices.

This LID Report shall identify, at a minimum, the routine resources specified in the City of Downey Low Impact Development Ordinance and the County of Los Angeles Department of Public Works Low Impact Development Standards Manual, which details implementation of Low Impact Development (LID) BMPs whenever they are applicable to a project; the assignment of long-term maintenance responsibilities; and show the Design Plan that will be implemented in order to mitigate post-construction stormwater runoff pollution.

1.2 Project Description

The site is located at 7360 Foster Bridge Boulevard in the city of Downey, California. The site is bordered by Foster Bridge Boulevard to the east, Suva Street to the southwest, a residential property to the north and a storage facility to the west. The location of the site and its relationship to the surrounding areas are shown on Figure 1, Vicinity Map.

The site is comprised of approximately 1.22 acres of land. The site is currently occupied by what appears to be a church in the south corner of the property. Other site improvements include concrete hardscape, concrete curb, asphalt parking area and drainage improvements.

Under existing conditions, the site is approximately 78% impervious. Topography within the site varies with elevations of approximately 140 to 133 feet above mean sea level (MSL), based on site topographic survey data. Site drainage is via sheet flow directed to drainage inlets in the southwest parking area and the northeast parking area. Vegetation within the site consists of medium size trees scattered throughout the site and grass areas.

- Figure 1: Vicinity Map
  SOURCE: GOOGLE EARTH

1.3 Background

The County of Los Angeles ("County") has prepared the 2014 Low Impact Development Standards Manual ("LID Standards Manual") to comply with the requirements of the National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Permit for stormwater and non-stormwater discharges from the MS4 within the coastal watersheds of Los Angeles County (CAS004001, Order No. R4- 2012-0175). The LID Standards Manual provides guidance for the implementation of stormwater quality control measures in new development and redevelopment projects in the County with the intention of improving water quality and mitigating potential water quality impacts from stormwater and non-stormwater discharges.

The City is requiring the Project to conform to the County LID Standards Manual.

1.4 Existing Condition

Soils Conditions & Infiltration Characteristics

Per the soils report by Albus and Associates, Inc, on February 6, 2023 ("Geotech Report"), the soils encountered at the site consist of artificial fill materials overlying alluvial deposits. The artificial fill materials typically consist of silty sands that are damp to moist and loose and grayish brown.

Alluvial deposits were encountered below the fill materials to the maximum depths explored of 51.5 feet. The materials were typically interbedded with a predominance of coarse grained materials. The materials consisted of silty sands, sandy silts, and sands which were moist and loose to medium dense. Materials exhibited lower blow counts in the upper 6-10 feet and were typically loose.

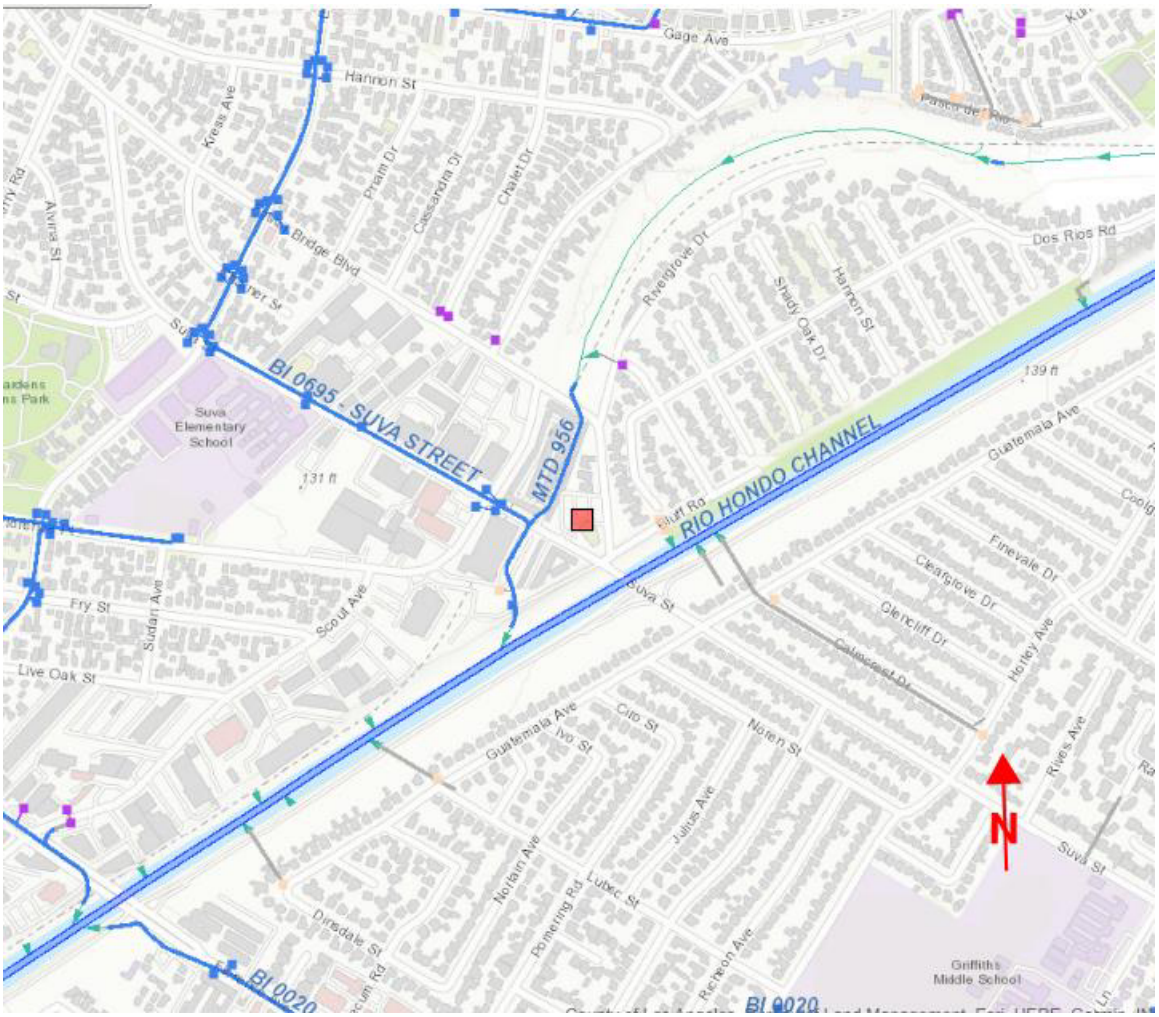
Percolation testing was performed as part of the geotechnical analysis. Below are the percolation characteristics from the Geotech Report.

"Groundwater was not encountered to the maximum depth explored of 51.5 feet at the time of our investigation and nearby groundwater data suggest groundwater may be approximately 80 feet. Soils located within the upper 20 feet are primarily sandy in nature with high infiltration rates. Between depths of 20-25 feet, some finer grained silty material was encountered and is anticipated to yield a relatively low infiltration rate. Below a depth of 30 feet, materials encountered were predominately sandy in nature with high infiltration rates.

Preliminary analyses indicate that a dry well could likely provide a peak measured infiltration flow of approximately 0.206 cfs and the chamber empties within approximately 0.43 hours. The typical dry well is estimated to be 32 feet deep. We understand the Design Capture Volume (DCV) will be about 3,500 cubic feet. Assuming a factor of safety of 3.0 applied to our estimated flow rate of the dry well, we estimate the DCV can be treated within the required 96 hours using one dry well. We also estimate the system will require an additional retention storage of 445 cubic feet placed upstream of the dry well. This retention storage can be accommodated by pipe or vault systems."

Watershed Description

The proposed project discharges southwest into Suva Street which then drains northwesterly into the City MS4 drainage system. The storm drain line then discharges into the Rio Hondo Channel approximately 0.1 miles from the project site. The water then flows southwest until it confluences with the Los Angeles River about 3 miles downstream. The Los Angeles River then flows southerly 13 miles to the Pacific Ocean.



Los Angeles County Storm Drain System (https://pw.lacounty.gov/fcd/StormDrain/index.cfm)

1.5 Proposed Condition

The Project consists of a 33-unit townhome development on the 1.22-acre property within 4 buildings. There will be 1 main drive isle, 2 alleys and some common area in the center and south portion of the project. Some visitor parking is proposed along the north property line and in the center of the property. Under proposed conditions, the project site will be approximately 87% impervious, a relatively minor increase from 78% impervious in existing conditions.

The proposed project will generally be drained via area drains as well as curb and gutter flows along the drive isle and alleys of the property to drop inlet catch basins located in the southwest and northeast. Storm water runoff flows will generally drain in a southwesterly direction towards Suva Street, but diversions within the storm drain system will direct low flows to a deep infiltration drywell and underground storage system located near the center of the property. The deep infiltration drywell and underground storage system are designed to mitigate discharge of untreated low flow runoff. The underground storage system will help temporarily detain runoff so it can infiltrate over time.

The deep infiltration drywell and underground storage system have been designed to detain and infiltrate the SWQDv (defined in the section below) in accordance with County LID Design Manual requirement. Flows greater than the SWQDv will bypass this system and will discharge directly to Suva Street via an under sidewalk drain.

2. LID Sizing and Design

2.1 BMP Evaluation and SWQDv

In accordance with the County LID Design Manual, the Project structural BMPs for capturing and treating runoff should be sized based on the SWQDv. The SWQDv estimated for the Project site was determined using the County HydroCalc software and is the greater of the 0.75-inch, 24-hour rain event or the 85th percentile, 24-hour rain event as determined from the Los Angeles County 85th percentile precipitation isoheytal map. Below is the SWQDv for the Project.

The 85th percentile, 24-hour storm event is 0.92 inches, and the SWQDv is 3,213 cubic feet for the Project location.

BMPs selected for the site were evaluated on a hierarchy from Infiltration; Bioretention; Rainfall Storage and Reuse; to Biofiltration. An infiltration BMP is feasible for the Project and so Bioretention, Rainfall Storage and Reuse, and Biofiltration were not evaluated for feasibility. Below is a summary of the Infiltration evaluation.

INFILTRATION BMP FEASIBILITY

As described above, the soil percolation tests conducted on the site found infiltration rates were adequate. Infiltration test results and the reduction factor are included in the attached Geotech Report.

Storage and reuse and biofiltration were not considered since infiltration is feasible

The site entire 1.22-acre property will be treated by the deep infiltration drywell and underground storage system and, therefore, the project site has one Drainage Area.

The table below provides the volumes and flow-rates for the project site under proposed conditions. BMPs selected for the project must be sized to provide the equivalent or greater treatment capacities than the listed volumes/flow-rates below. Calculations were performed utilizing the hydrologic calculator "HydroCalc" developed by the Los Angeles County Department of Public Works. HydroCalc completes the full Modified Rational Method (MODRAT) calculation process and produces the peak stormwater runoff flow rates and volumes for single subareas. Detailed calculations for the proposed treatment control BMPs, based on the HydroCalc tool, are provided in attachments in this report.

2.2 LID Design

STORMWATER QUALITY DESIGN CALCULATIONS

The Hydrocalc calculation for the proposed Tentative Tract No. 83353 project site is summarized below.

Summary of Stormwater Quality Design Calculations									
Drainage Area	Acres	Imp. Ratio	Soil No.	Slope Length (ft)	Slope	Tc (min)	85th percentile 24-hr depth (in.)	SWQDv (ft3)	LID flow rate (cfs)
1	1.22	0.869	006	620	0.006	34	0.92	3,213	0.2

STORMWATER QUALITY CONTROL MEASURES/LID BMP SIZING

LID BMPs are sized based on the tributary area draining to them. Based on the project site's grading and drainage design, the property is comprised of one drainage area that covers the entire 1.22-acre site.

To treat the SWQDv a deep infiltration drywell and underground storage system will be constructed in the center of the Project (see attached Proposed Condition Drainage Exhibit). The proposed system has a treatment volume of 3,500 cubic feet within about a 24 hour period, which will account for the 3,213 cubic feet required (see attached Flow-Based Method Calculations for Dry Well System). Stormwater volumes above the SWQDv will bypass the storage and infiltration system and flow into the adjacent Suva Street gutter.

The deep infiltration drywell and storage system have the design characteristics listed below (see attached Flow-Base Method Calculations for Dry Well System and Geotech Report).

Drywell Depth	=	30 feet minimum
Peak Well Flow (Measured) Qm	=	0.2 cfs
Factor of Safety	=	3
Peak Well Flow (Design) Qd	=	0.0687 cfs
Empty Time of Well	=	0.43 hrs
Storage Volume of Well	=	324 cuft
Additional Storage Needed	=	445 cuft

The proposed deep infiltration drywell and storage system will infiltrate the required SWQDv within at least 96 hours.

3. Stormwater Quality Control Measure Maintenance

RESPONSIBLE PARTY

It has been determined that The Olson Company (owner) shall assume all BMP inspection and maintenance responsibilities for the Project until an HOA is established. An HOA will be established for the property and the Owner will transition to an HOA Corporation. The Owner will be responsible for maintenance of all storm drain inlets, collectors, v-ditches or any other related flood control or storm water control device. Furthermore, all interior streets and/or roadways, landscape, recreation areas, facilities and/or open space within the project limits will be maintained by the Owner. Long-term funding for BMP maintenance will be provided by the Owner or HOA. Maintenance will be funded through HOA fees.

RESPONSIBLE PARTY CONTACT INFORMATION

Name: The Olson Company
Contact: Thomas Moore
Address: 3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 92740-2751
Phone: (562) 596-4770

MAINTENANCE PLAN

Proper O&M is an important element of a stormwater mitigation plan to ensure BMPs remove pollution effectively. Routine maintenance or service also contributes to the efficiency and continuous operation of a system. The post development BMP maintenance responsibility and frequency matrix provided in this section detail the specific party to perform the inspection and maintenance of each BMP for the Project and details the maintenance and inspection activities to be performed, and the frequency with which each shall be performed. An Inspection Report Template for the BMPs in included as Attachment 7 to this report.

BMP	Responsibility	Maintenance Frequency
Catch Basin Cleaning	Owner/HOA	Minimum Frequency: Catch Basin/storm drain inlets within the project site will be cleaned out at least once per year, prior to the rainy season
Storm Drain Stenciling	Owner/HOA	Minimum Frequency: Storm Drain inlet stenciling and signage will be inspected for legibility at least once per year. Any illegible stencils/signage will be replaced immediately.
Deep Infiltration Drywell	Owner/HOA	Minimum Frequency: Deep Infiltration Drywell should be inspected at least twice a year, once before the rainy season and once after the rainy season. Maintenance should be performed in accordance with manufacturer specifications.
Underground Storage	Owner/HOA	Minimum Frequency: Underground Storage facilities should be inspected at least twice a year, once before the rainy season and once after the rainy season. Maintenance should be performed in accordance with manufacturer specifications.
Street Sweeping	Owner/HOA	Minimum Frequency: Street sweeping that reduces or prevents sediment and debris from entering receiving water completed monthly at a minimum and prior to the rainy season.
Trash Pickup	Owner/HOA	Minimum Frequency: Loose trash and debris can be transported by water or wind into nearby inlets, channels, or receiving water. Trash should be picked up weekly.

Attachment 1

- Preliminary LID Exhibit

N

1"=40'

NOTE: STORM DRAIN INLET STENCILING TO BE PROVIDED AT ALL CATCH BASINS.

REQUIRED PEAK INFITRATION RATE = 0.22 cfs

PEAK FLOW PROVIDED 0.206 cfs > FACTOR OF SAFETY 3

SUPPLEMENTAL RETENTION VOLUME REQUIRED = 445 cf

RETENTION VOLUME PROVIDED = 502 cf (40' OD 48" PIPE)

DRAWDOWN TIME = 24.1hours

PRELIMINARY LID EXHIBIT
TENTATIVE TRACT NO. 84168
DOWNEY

LATEST REVISION: 5/8/23

Attachment 2

- SWQDv Calculation

Peak Flow Hydrologic Analysis

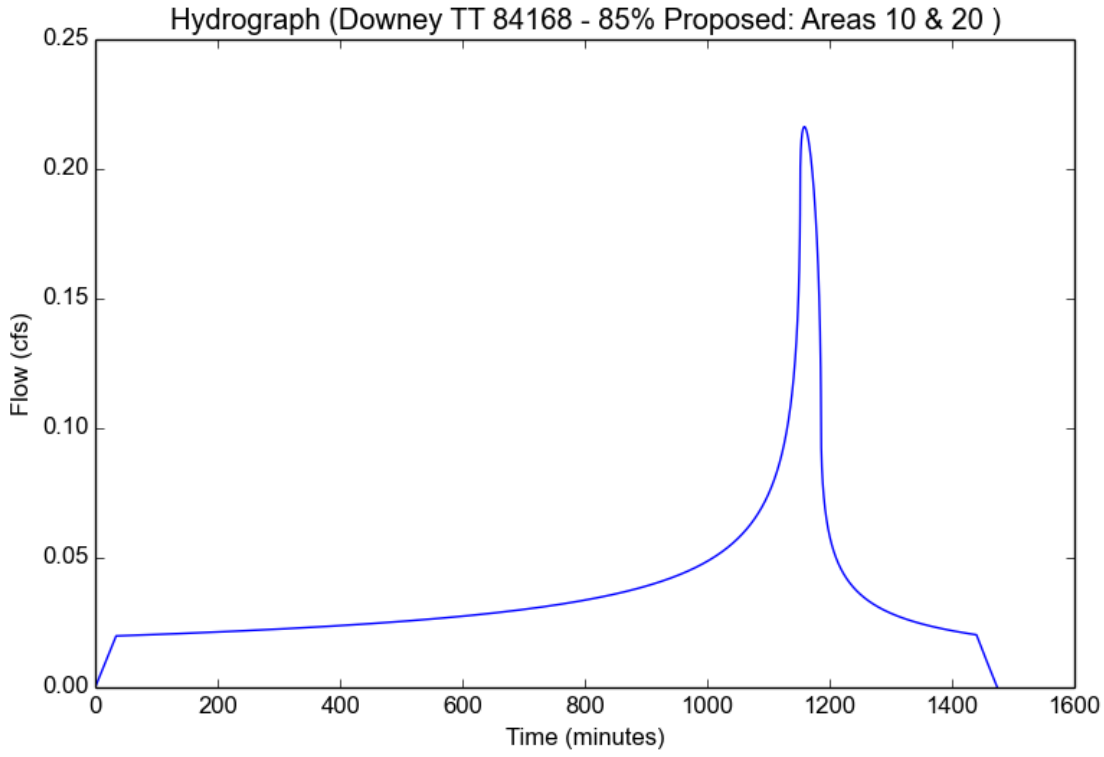
File location: //vwinxp-1/PROJECT/Foster/PDF/Hydrology/Downey TT 84168 - 85% Proposed.pdf
Version: HydroCalc 1.0.3

Input Parameters

Project Name	Downey TT 84168 - 85% Proposed
Subarea ID	Areas 10 & 20
Area (ac)	1.22
Flow Path Length (ft)	620.0
Flow Path Slope (vft/hft)	0.006
85th Percentile Rainfall Depth (in)	0.92
Percent Impervious	0.869
Soil Type	6
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	0.92
Peak Intensity (in/hr)	0.223
Undeveloped Runoff Coefficient (Cu)	0.1
Developed Runoff Coefficient (Cd)	0.7952
Time of Concentration (min)	34.0
Clear Peak Flow Rate (cfs)	0.2163
Burned Peak Flow Rate (cfs)	0.2163
24-Hr Clear Runoff Volume (ac-ft)	0.0738
24-Hr Clear Runoff Volume (cu-ft)	3213.1644



N

1"=40'

	TOTAL AREA	1.22 AC
	PERVIOUS AREA	0.16 AC
	% PERVIOUS	13.1%
	% IMPERVIOUS	86.9 %

PERVIOUS AREA
PROPOSED CONDITION
TENTATIVE TRACT NO. 84168
DOWNEY

LATEST REVISION: 5/8/23

Attachment 3

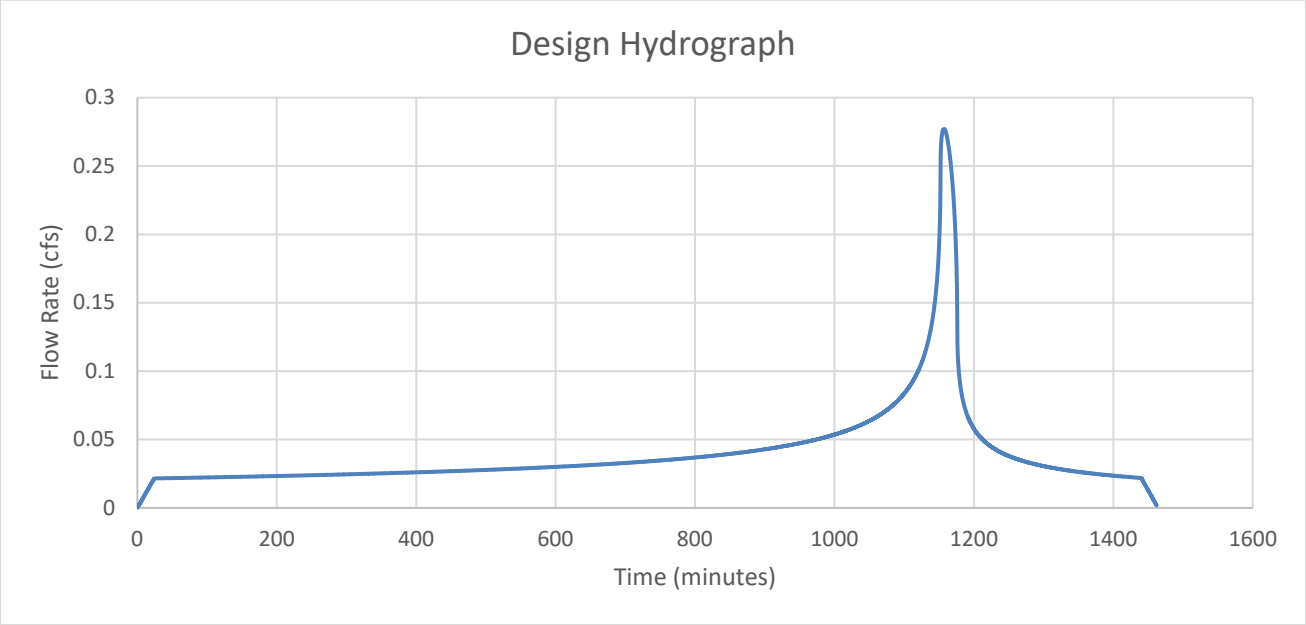
- Preliminary Flow-Based Method Calculations for Dry Well System

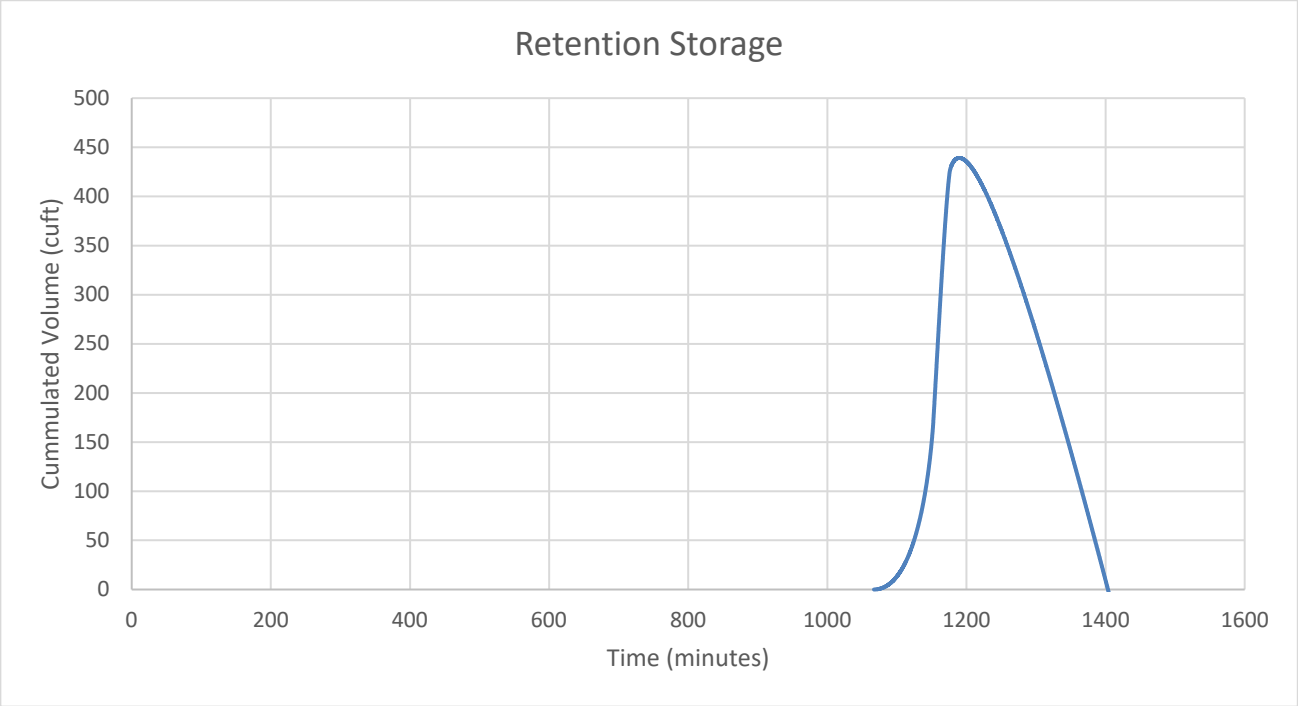
Calculations for Dry Well System
Flow-Based Method

J.N.: 3128.00
Client: Olson
Drainage Area ID: Full Site

Dry Well Data:		
Peak Well Flow-Measured, Q_M (cfs)	0.206	
Factor of Safety, FS	3	
Empty time of a well (hrs)	0.43	
Storage Volume of a Well, V_W (cuft)	324	
Number of Wells	1	
Hydrograph Data:		
Flow Rate at Begin Retention (cfs)	0.0686543	
Time at Begin Retention, T_{BR} (hr)	17.78	
Accumulated Volume at Begin Retention, V_{BR} (cuft)	2042.3	
Flow Rate at Maximum Retention (cfs)	0.0688602	
Time at Maximum Retention, T_{MR} (hr)	19.80	
Accumulated Volume at Maximum Retention, V_{MR} (cuft)	2986.6	
Treatment Data:		
Design Treatment Volume, V_T (cuft)	3500	
Allowable Drawdown Time (hrs)	96	
Analyses:		
Peak Well Flow-Design, Q_D (cfs)	0.0686667	Q_M/FS
Accum. Vol. During Exceedance of Well Cap. Flow, V_A (cuft)	944	$V_{MR} - V_{BR}$
Duration of Capacity Flow Exceedance, T_{FE} (hr)	2.02	$T_{MR} - T_{BR}$
Vol. Infiltrated During Exceedance of Capacity, V_I (cuft)	499	$Q_D*3600*T_{FE}$
Volume Required for Supplemental Retention, V_R (cuft)	445.0	$V_A - V_I$
Time of Storm Event, T_{SE} (hrs)	24.4	from hydrograph
Volume Stored at end of Event, V_{EE} (cuft)	-178.8	$V_T-V_{BR}-Q_D * (T_{SE}-T_{BR})*3600$
Time to Empty Suppl. Retention after Event, T_{ER} (hrs)	-0.7	$V_{EE}/Q_D/3600$
Time to Empty Dry Well Chamber, T_{DW} (hrs)	0.43	from input above
Volume Infiltrated During Storm Event, V_{DE}	3678.8	$(T_{SE} - T_{BR})*Q_D*3600 + V_{BR}$
Total Time Required to Infiltate V_T (hrs)	24.1	$T_{SE}+T_{ER}+T_{DW}$
Total Volume Infiltrated (cuft)	3500.0	$V_{DE} + V_{EE}$

Calculations for Dry Well System
Flow-Based Method





Attachment 4

- Preliminary Grading Plans

LEGNED:

— — — —	TENTATIVE TRACT BOUNDARY
FF= 207.50	FINISHED FLOOR ELEVATION
PAD= 206.8	PROPOSED PAD ELEVATION
═══	PROPOSED AREA DRAIN LINE
TC	TOP OF CURB ELEVATION
FL	FLOW LINE ELEVATION
FS	FINISHED SURFACE ELEVATION
TG	TOP OF GRATE ELEVATION
INV	INVERT ELEVATION
1	PROPOSED LOT NUMBER

N

20 0 20 40 60

Scale 1" = 20'

PREPARED BY:

REGISTERED PROFESSIONAL ENGINEER ALAN R. SHORT No. 30873 EXP. 3/31/24 CIVIL STATE OF CALIFORNIA

7263 W Galen Drive
Herriman, UT 84096
(949) 586-5200
ALANSHORTPE@GMAIL.COM

ALAN R. SHORT, P.E.

Alan R Short

ALAN R. SHORT, P.E.
R.C.E. 30873, EXPIRES 3/31/24

DATE: 4/17/23

CONCEPTUAL GRADING PLAN VESTING TENTATIVE TRACT NO. 84168

4/17/23

Attachment 5

- Geotechnical / Infiltration Report

ALBUS & ASSOCIATES
formerly Albus-Keefe & Associates, Inc.

February 6, 2023
J.N.: 3128.00

Mr. Steve Armanino
The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, California 90740

Subject: **Geotechnical Due-Diligence Investigation, Proposed Multi-Family Residential Development, 7360 Foster Bridge Boulevard, Downey, California**

Dear Mr. Armanino,

Albus & Associates, Inc. is pleased to present to you our geotechnical due-diligence report for the proposed multi-family residential development at the subject site. This report presents a summary of our literature review, subsurface exploration, laboratory testing, and engineering analyses. Conclusions relevant to the feasibility of the proposed site development are also presented herein based on the findings of our work.

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

Sincerely,

ALBUS & ASSOCIATES, INC.

Paul Kim
Associate Engineer

TABLE OF CONTENTS

REPORT

1.0 INTRODUCTION 1
1.1 PURPOSE AND SCOPE 1
1.2 SITE LOCATION AND DESCRIPTION 1
1.3 PROPOSED DEVELOPMENT 2
2.0 INVESTIGATION 3
2.1 RESEARCH 3
2.2 SUBSURFACE EXPLORATION 3
2.3 LABORATORY TESTING 3
3.0 SUBSURFACE CONDITIONS 4
3.1 SOIL CONDITIONS 4
3.2 GROUNDWATER 4
3.3 ACTIVE FAULTS 6
4.0 ANALYSES 6
4.1 SEISMICITY 6
4.2 STATIC SETTLEMENT 7
4.3 LIQUEFACTION 7
5.0 CONCLUSIONS 8
5.1 FEASIBILITY OF PROPOSED DEVELOPMENT 8
5.2 GEOLOGIC HAZARDS 8
5.2.1 Ground Rupture 8
5.2.2 Ground Shaking 8
5.2.3 Liquefaction 8
5.3 STATIC SETTLEMENT 9
5.4 EARTHWORK AND MATERIAL CHARACTERISTICS 9
5.5 SHRINKAGE AND BULKAGE 10
5.6 SOIL EXPANSION 10
5.7 FOUNDATIONS 10
5.8 CONCRETE MIX DESIGN 10
5.9 CORROSION POTENTIAL 11
5.10 PAVEMENT SECTIONS 11
5.11 PERCOLATION CHARACTERISTICS 11
6.0 LIMITATIONS 11
REFERENCES 13

FIGURES AND PLATES

Figure 1 - Site Location Map
Plate 1 - Geotechnical Map

TABLE OF CONTENTS

REPORT

APPENDICES

Appendix A - Exploration Logs
Plates A-0 through A-7

Appendix B - Laboratory Test Program
Table B – Summary of Laboratory Test Results
Plate B-1 through B-2– Grain-Size Distribution Plots
Plates B-3 through B-6 – Consolidation Plots
Plates B-7– Direct Shear Plot

APPENDIX C – Liquefaction Analysis
Plates C-1 through C-3 – Analysis of Liquefaction Potential/Settlement

1.0 INTRODUCTION

1.1 PURPOSE AND SCOPE

The purpose of our work was to evaluate the feasibility of proposed site development in order to assist you in your land acquisition evaluation and due-diligence review. The scope of our work for this investigation was focused primarily on the geotechnical issues that we expect could have significant fiscal impacts on future site development. While this report is comprehensive for feasibility purposes, it is not intended for final design purposes. As such, additional geotechnical studies may be warranted based on our review of future rough grading plans and foundation plans. The scope of our work for this investigation included the following:

- Review of published geologic and seismic data for the site and surrounding area
- Exploratory drilling and soil sampling
- Laboratory testing of select soil samples
- Engineering analyses of data obtained from our review, exploration, and laboratory testing
- Evaluate site seismicity, liquefaction potential, and settlement potential
- Preparation of this report

1.2 SITE LOCATION AND DESCRIPTION

The site is located at the address of 7360 Foster Bridge Boulevard within the city of Downey, California. The site is bordered by Foster Bridge Boulevard to the east, Suva Street to the southwest, a residential property to the north and a storage facility to the west. The location of the site and its relationship to the surrounding areas are shown in Figure 1, Site Location Map.

The site is currently occupied by what appears to be a church in the south corner of the property. The remaining portions of the site are covered in asphalt associated with interior driveways and parking for the church. Planter spaces are also present on site primarily along the edges of the pavement. Vegetation onsite consists of medium to large sized trees within the planters and grass.

Drainage on site appears to be primarily sheet flow and directed east and south west towards the roadways. An inlet structure is present within the parking areas within the westerly portion of the site and appears to run south and connect to Suva Street.

A retaining wall is present along the north and portion of the western property line. The wall at its maximum height is 8 feet and retains approximately 5 feet.

N

FIGURE 1-SITE LOCATION MAP

Proposed Multi-Family Residential Development
7360 Foster Bridge Boulevard, Downey, California

NOT TO SCALE

1.3 PROPOSED DEVELOPMENT

Based on the provided conceptual plan, site development is anticipated to consist of 4 buildings of multi-family 3-story, wood-framed buildings at grade. Associated interior driveways, decorative hardscape, parking areas and underground utilities are also anticipated. The referenced plan currently indicates that the proposed residential structures are planned more than 30 feet from the north retaining wall.

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

2.0 INVESTIGATION

2.1 RESEARCH

We have reviewed the referenced geologic publications, maps, and historical aerial photos of the vicinity. Data from these sources were utilized to the development of some of our findings and conclusions presented in this report.

Research of aerial photographs indicate that prior to 1963, the site was used for agricultural purposes. By 1963, a single building was present in the location of the church and may in fact be the church. However, it does not appear that asphalt is present. The surrounding areas also have been developed with exception of the storage facility to the west. By 1987, the remained of the site has been paved with asphalt and the storage facility to the west has been developed. The site appears to have remained relatively unchanged since.

2.2 SUBSURFACE EXPLORATION

Subsurface exploration for this investigation was conducted on January 25, 2023 and consisted of drilling four (4) soil borings to a maximum depth of approximately 51.5 feet below the existing ground surface (bgs). The borings were drilled using a truck-mounted, continuous-flight, hollow-stem-auger drill rig. Representatives of *Albus & Associates, Inc*. logged the exploratory borings. Visual and tactile identifications were made of the materials encountered, and their descriptions are presented on the Exploration Logs in Appendix A. The approximate locations of the borings are shown on the enclosed Geotechnical Map, Plate 1.

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

Two percolation test wells (P-1 and P-2) were drilled adjacent to exploratory boring B-1 for subsequent percolation testing.

2.3 LABORATORY TESTING

Selected samples of representative earth materials from the borings were tested in our laboratory. Tests consisted of in-situ moisture and dry density, maximum dry density and optimum moisture content, expansion index, soluble sulfate content, grain size analysis, percent passing No. 200 sieve, consolidation/collapse potential, atterberg limits, direct shear, and corrosivity. Descriptions of laboratory testing and a summary of the test results are presented in Appendix B and on the exploration log in Appendix A.

3.0 SUBSURFACE CONDITIONS

3.1 SOIL CONDITIONS

Artificial fill material contacts varied onsite, however are anticipated to be generally 2 feet deep with exception of localized areas. A retaining wall exists along the north and west property lines and retains approximately 5 feet at the northwest corner before tapering off heading south and east. Fill depths are anticipated to vary along the retaining wall. Additionally, concrete debris was encountered in B-4 at 4 feet, however this may be localized and associated with past construction or close proximately to the gate nearby. The materials onsite are typically silty sands that are damp to moist and loose, and grayish brown.

Alluvial deposits were encountered below the fill materials to the maximum depths explored of 51.5 feet. The materials were typically interbedded with a predominance of coarse grained materials. The materials consisted of silty sands, sandy silts, and sands which were moist and loose to medium dense. Materials exhibited lower blow counts in the upper 6-10 feet and were typically loose.

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

3.2 GROUNDWATER

Groundwater was not encountered during this firm's subsurface exploration to a depth of 51.5 feet. The CDMG Special Report 034 suggests that historic high groundwater for the subject site is about 9 feet below the ground surface. We researched online groundwater well data in the Los Angeles County Public Works database and found two wells located around the site. The locations of the two wells are depicted on Figure 2. Data from these wells spans from 1950 to 2011. The recorded depths to groundwater from these wells are plotted on Figure 3.

As indicated by Figure 3, both wells indicate that groundwater has remained below a depth of 50 feet since 1950. The pattern in the plot makes it clear that both wells are measuring the same aquifer system. We can therefore reasonably assume this data set can represent the conditions below the site.

© 2023 Google

N

FIGURE 2 - Groundwater Well Location Map

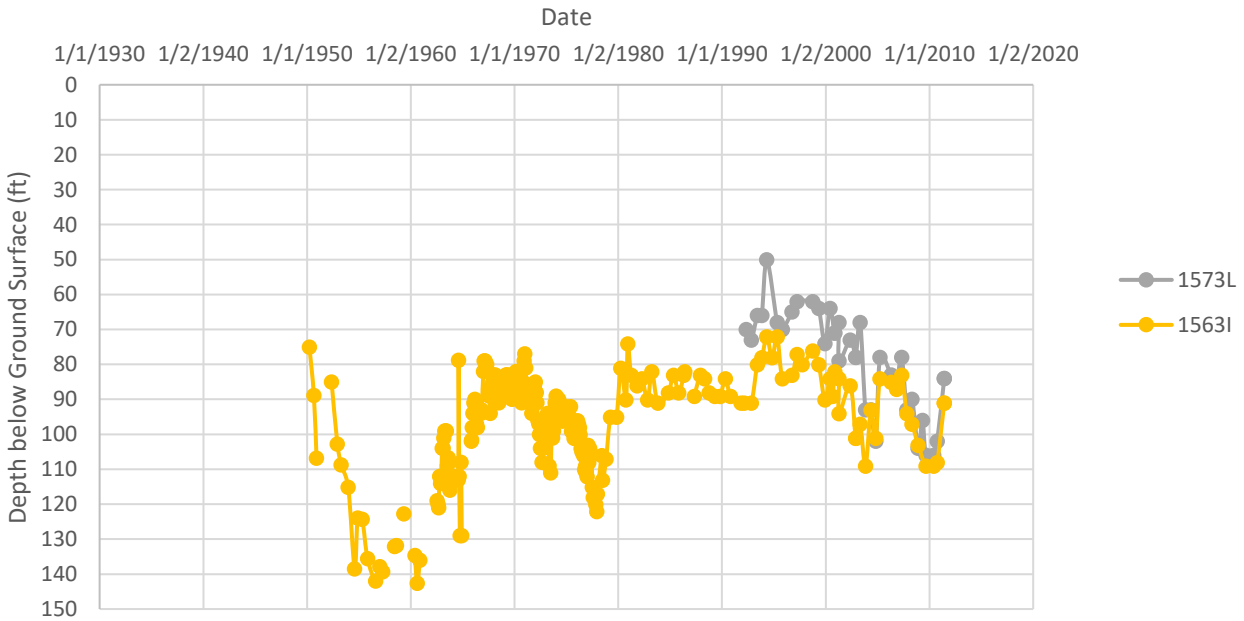


FIGURE 3 - Ground Water Data

3.3 ACTIVE FAULTS

Based on our review of the referenced publications and seismic data, no active faults are known to project through or immediately adjacent the subject sites and the sites do not lie within an "Earthquake Fault Zone" as defined by the State of California in Earthquake Fault Zoning Act. Table 3.1 presents a summary of known seismically active faults within 10 miles of the sites based on the 2008 USGS National Seismic Hazard Maps.

TABLE 3.1
Summary of Active Faults

Name	Distance (miles)	Slip Rate (mm/yr.)	Preferred Dip (degrees)	Slip Sense	Rupture Top (km)	Fault Length (km)
Puente Hills (LA)	0.12	0.7	27	thrust	2.1	22
Puente Hills (Santa Fe Springs)	3.95	0.7	29	thrust	2.8	11
Elsinore;W+GI+T+J+CM	5.42	n/a	84	strike slip	0	241
Elsinore;W+GI	5.42	n/a	81	strike slip	0	83
Elsinore;W+GI+T	5.42	n/a	84	strike slip	0	124
Elsinore;W+GI+T+J	5.42	n/a	84	strike slip	0	199
Elsinore;W	5.42	2.5	75	strike slip	0	46
Elysian Park (Upper)	6.6	1.3	50	reverse	3	20
Puente Hills (Coyote Hills)	7.29	0.7	26	thrust	2.8	17
Newport Inglewood Connected alt 2	8.97	1.3	90	strike slip	0	208
Newport Inglewood Connected alt 1	9.26	1.3	89	strike slip	0	208
Newport-Inglewood, alt 1	9.26	1	88	strike slip	0	65

4.0 ANALYSES

4.1 SEISMICITY

Following ASCE7-16, Section 21.5.3, the mapped Maximum Considered Earthquake Geometric Mean (MCE_G) peak ground acceleration is PGA_M = 0.834g. Additional evaluation will be necessary to determine the site-specific value to be used for evaluation of liquefaction, lateral spreading, seismic settlements, and other soil-related issues. Based on the results of deaggregation analysis performed using USGS Unified Hazard Tool, the mean event associated with a probability of exceedance equal to 2% over 50 years has a moment magnitude of 6.9 and the mean distance to the seismic source is 6.7 miles.

4.2 STATIC SETTLEMENT

Analyses were performed to estimate settlement of footings for the anticipated loading conditions and configurations. Loading conditions for the proposed foundations are not known at this time. Based on previous experience, we have assumed the maximum load will not exceed 3 kips/ft. for continuous footing loads and 75 kips per column loads.

Based on the anticipated foundation loads and provided the existing surficial materials are removed and recompacted to provide a uniform layer of engineered compacted fill, the total and differential static settlements are not anticipated to exceed 1 inch and ½-inch over 30 feet, respectively, for the proposed residential structures.

4.3 LIQUEFACTION

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

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

The site is located within a State-designated zone of potentially liquefiable soils. Additionally, historic groundwater is at 9 feet. The site is also predominately underlain by coarse grained materials which are susceptible to liquefaction. However, groundwater was not encountered to a maximum depth explored of 51.5 feet. Review of groundwater data from two nearby wells suggests that groundwater has not risen above 50 feet since 1950 and has predominantly been below a depth of 70 feet. As a result, the potential for liquefaction to occur beneath the site is considered very low.

However, if the local jurisdiction agency were to require an evaluation of liquefaction potential, our analysis indicates that liquefaction may occur below the site during periods of strong ground motion. Our analyses indicate liquefaction could lead to a total seismic settlement (saturated and dry) of the ground surface of up to approximately 3.9 inches due to seismic consolidation during liquefaction. Given this condition, differential settlement due to seismic settlement would likely be on the order of ½ of the total seismic settlement or approximately 2 inches over 30 feet.

Due to the adjacent concrete-lined Rio Hondo channel to southeast, analyses were performed to evaluate the potential for lateral spreading. Significant lateral displacement is not likely since the average corrected blowcount ($N1_{60}$) within the liquefiable zone at depths between 9 and 21 feet is greater than 15.

If hazards from liquefaction were likely, these hazards can be mitigated to the extent required to reduce seismic risk to “acceptable levels”. The use of well-reinforced foundations, such as post-tensioned slabs, grade beams with structural slabs, or mat foundations, have been proven to adequately provide basal support for similar structures during comparable liquefaction events.

5.0 CONCLUSIONS

5.1 FEASIBILITY OF PROPOSED DEVELOPMENT

From a geotechnical point of view, the proposed site development is considered feasible. Furthermore, it is also our opinion that the proposed development will not adversely impact the stability of adjoining properties. The adequacy and sufficiency of the preliminary findings and conclusions provided herein should be assessed based upon the final grading and structural plans. A supplemental geotechnical investigation report will be required for design, permitting and construction.

5.2 GEOLOGIC HAZARDS

5.2.1 Ground Rupture

From a geotechnical point of view, the proposed site development is considered feasible. Furthermore, it is also our opinion that the proposed development will not adversely impact the stability of adjoining properties. The adequacy and sufficiency of the preliminary findings and conclusions provided herein should be assessed based upon the final grading and structural plans. A supplemental geotechnical investigation report will be required for design, permitting and construction.

5.2.2 Ground Shaking

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

5.2.3 Liquefaction

The site is mapped with a historical high groundwater level of approximately 9 feet, however as discussed above, groundwater is anticipated to remain below 50 feet for the life of the project. Therefore, the potential for liquefaction at the site is very low. In the event that the local jurisdictional agency will still require liquefaction analyses, we have performed an evaluation of liquefaction potential.

Based on our analyses, liquefaction may occur below the site during periods of strong ground motion using historic high groundwater. Our analyses indicate liquefaction could lead to a total seismic settlement (saturated and dry) of the ground surface of up to approximately 3. 9 inches due to seismic consolidation during liquefaction. Given this condition, differential settlement due to seismic settlement would likely be on the order of ½ of the total seismic settlement or approximately 2.0 inches over 30 feet.

The potential for lateral spreading is not considered likely since the average corrected blowcount ($N1_{60}$) within the liquefiable zone at depths between 9 and 21 feet is greater than 15.

5.3 STATIC SETTLEMENT

Our exploration and laboratory testing indicated that portions of the underlying soils are relatively loose. However, provided the existing artificial fill soils are removed and recompacted, total and differential static settlement can likely be limited to a maximum of 1 inch and ½-inch over 30 feet, respectively. These estimated magnitudes of static settlements are considered within tolerable limits for the proposed residential structures.

5.4 EARTHWORK AND MATERIAL CHARACTERISTICS

In general, the existing fill materials are considered unsuitable in their existing condition to support proposed structural fills and site development. This condition can be mitigated by removal and recompaction of unsuitable soils. The anticipated depth of removal to mitigate structural load-induced settlement below the proposed residential buildings, retaining walls, and pavement is on the order of 2-4 feet below existing ground surface. As mentioned previously, some localized areas of fill up to 6 feet may be present onsite. A minimum of 2 feet of engineered fill should be placed to support the proposed buildings and retaining walls.

Temporary construction slopes and trench excavations can likely be cut vertically up to a height of 4 feet within the onsite materials provided that no surcharging of the excavations is present. Temporary excavations greater than 4 feet in height will likely require side laybacks to 1:1 (H:V) or flatter to mitigate the potential for sloughing. Vertical excavations exposing sandy materials will likely have no tolerance for a vertical cut and require laybacks at a 1.5:1 gradient (H:V). Site materials may be prone to sloughing and possible caving if allowed to dry. The sandy materials will limit vertical excavations along the property line.

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

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

An existing retaining wall is present along the north and west properly lines. This wall is estimated to be retaining upwards of 5 feet within the northwest corner before tapering off heading south and east. The current conceptual plan suggests that proposed buildings are planned greater than 30 feet from the existing retaining wall along the north. In such a case, no special grading techniques are anticipated at this time. However, if the proposed layout is altered, then special considerations may be required in order to excavate along this wall. Additionally, any structures proposed near the wall will need to be supported such that surcharge loads are not applied to the existing wall.

Off-site improvements exist near the property lines. The presence of the existing offsite improvements may limit removals of unsuitable materials adjacent the property lines. Therefore, construction of perimeter site walls may require deepened footings and/or additional reinforcement and additional control joints, where removals are restricted by property boundaries. The proposed perimeter walls may require A-B-C slot construction, in areas of sandy materials or where wall heights exceed 4 feet. Grading for Building 4 may also require A-B-C slot cutting techniques.

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

The site soils encountered during our investigation were generally below or near optimum moisture content and will require the addition of water to achieve proper compaction.

5.5 SHRINKAGE AND BULKAGE

Volumetric changes in earth quantities will occur when excavated onsite soil materials are replaced as properly compacted fill. We estimate the existing upper earth materials will shrink up to approximately 20 percent due to the varying densities throughout the site. Subsidence of removal bottoms is estimated to be on the order of 0.2 feet. The estimates of shrinkage are intended as an aid for project engineers in determining earthwork quantities. However, these estimates should be used with some caution since they are not absolute values. Contingencies should be made for balancing earthwork quantities based on actual swelling and bulkage that occurs during the grading process.

5.6 SOIL EXPANSION

Based on laboratory testing and USCS visual manual classification, the near-surface sandy soils within the site are generally anticipated to possess a **Very Low** expansion potential. Additional testing for soil expansion will be required subsequent to rough grading and prior to construction of foundations and other concrete work to confirm these conditions.

5.7 FOUNDATIONS

Conventional shallow spread and continuous footings may be utilized to support the proposed residential buildings and wall structures at the site. However, if liquefaction potential is considered to be a hazard, post-tensioned foundations may be used. Considering the **Very Low** expansion potential, the foundations for the proposed structures and other site improvements, such as retaining walls, screen walls, and flatwork, will likely require only nominal reinforcement and depths.

5.8 CONCRETE MIX DESIGN

Laboratory testing of onsite soil indicates negligible soluble sulfate content. Concrete designed to follow the procedures provided in ACI 318, Section 4.3, Table 4.3.1 for **negligible** sulfate exposure are anticipated to be adequate for mitigation of sulfate attack on concrete. Upon completion of rough

grading, an evaluation of as-graded conditions and further laboratory testing will be required for the site to confirm or modify the conclusions provided in this section.

5.9 CORROSION POTENTIAL

Laboratory testing of onsite soil indicates indicate a chloride content of 67.5 ppm, and a pH of 7.3. Based on laboratory test results, site soils are **Corrosive** to metals. Structures fabricated from metals should have appropriate corrosion protection if they will be in direct contact with site soils. Under such conditions, a corrosion specialist should provide specific recommendations.

5.10 PAVEMENT SECTIONS

Existing near-surface sandy soils are anticipated to have a moderate R-value. Based on the assumed R-value of 30 and a traffic index of 5, a preliminary pavement structural section of 3 inches asphaltic concrete over 6 inches of aggregate base, may be used for planning and estimating purpose. R-value testing will be required subsequent to rough grading and prior to construction of interior driveways to confirm these conditions.

5.11 PERCOLATION CHARACTERISTICS

Groundwater was not encountered to the maximum depth explored of 51.5 feet at the time of our investigation and nearby groundwater data suggest groundwater may be approximately 80 feet. Soils located within the upper 20 feet are primarily sandy in nature with high infiltration rates. Between depths of 20-25 feet, some finer grained silty material was encountered and is anticipated to yield a relatively low infiltration rate. Below a depth of 30 feet, materials encountered were predominately sandy in nature with high infiltration rates.

Preliminary analyses indicate that a dry well could likely provide a peak measured infiltration flow of approximately 0.206 cfs and the chamber empties within approximately 0.43 hours. The typical dry well is estimated to be 32 feet deep. We understand the Design Capture Volume (DCV) will be about 3,500 ft^3. Assuming a factor of safety of 3.0 applied to our estimated flow rate of the dry well, we estimate the DCV can be treated within the required 96 hours using one dry well. We also estimate the system will require an additional retention storage of 445 cubic feet placed upstream of the dry well. This retention storage can be accommodated by pipe or vault systems. Further percolation testing and/or evaluation may be necessary based on review of preliminary WQMP design plans.

6.0 LIMITATIONS

This report is based on the proposed development and geotechnical data as described herein. The materials described herein and in other literature are believed representative of the total project area, and the conclusions contained in this report are presented on that basis. However, soil materials can vary in characteristics between points of exploration, both laterally and vertically, and those variations could affect the conclusions and recommendations contained herein. As such, observation and testing

by a geotechnical consultant prior to and during the grading and construction phases of the project are essential to confirming the basis of this report.

This report summarizes several geotechnical topics that should be beneficial for project planning and budgetary evaluations. *The information presented herein is intended only for a preliminary feasibility evaluation and **is not** intended to satisfy the requirements of a site specific and detailed geotechnical investigation required for further planning and permitting.*

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

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

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

Respectfully submitted,

ALBUS & ASSOCIATES, INC

Paul Hyun Jin Kim
Associate Engineer
GE 3106

REFERENCES

Publications

Abrahamson, N.A., Silva, W.J., and Kamai, R., 2014, "Update of the AS08 Ground-Motion Prediction Equations Based on the NGA-West2 Data Set." Earthquake Spectra 30 (3): 1179-1197.

California Department of Conservation Division of Mines and Geology (CDMG), 1998, "Seismic Hazard Zone Report for the South Gate 7.5-Minute Quadrangles, Los Angeles County, California," Seismic Hazard Zone Report 034.

California Geologic Survey, 2008, Guidelines for Evaluating and Mitigating Seismic Hazards in California, Special Publication 117A.

Field, E.H., Biasi, G.P., Bird, P., Dawson, T.E., Felzer, K.R., Jackson, D.D., Johnson, K.M., Jordan, T.H., Madden, C., Michael, A.J., Milner, K.R., Page, M.T., Parsons, T., Powers, P.M., Shaw, B.E., Thatcher, W.R., Weldon, R.J., II, and Zeng, Y., 2013, Uniform California earthquake rupture forecast, version 3 (UCERF3)—The time-independent model: U.S. Geological Survey Open-File Report 2013–1165, 97 p., California Geological Survey Special Report 228, and Southern California Earthquake Center Publication 1792, http://pubs.usgs.gov/of/2013/1165/.

Historic Aerials by Netronline, accessed 2022. https://www.historicaerials.com/

Youd, T.L., Idriss, I.M., Andrus, R.D., Arango, I., Castro, G., Christian, J., Dobry, R., Finn, W.D.L., Harder, L.F., Hynes, M.E., Ishihara, K., Koester, J.P., Liao, S.S.C., Marcuson, W.F., Martin, G.R., Mitchell, J.K., Moriwaki, Y., Power, M.S., Robertson, P.K., Seed, R.B., and Stokoe, K.H., 2001, "Liquefaction Resistance of Soils: Summary Report from the 1996 NCEER and 1998 NCEER/NSF Workshops on Evaluation of Liquefaction Resistance of Soils", ASEC Journal of Geotechnical and Geoenvironmental Engineering, October 2001.

Plans

Conceptual Site Plan, option 6f, Downey – Foster Bridge & Bluff, prepared by ktgy, dated February 1, 2023

Google 2023

Base Provided By ktgy

EXPLANATION

(Locations Approximate)

- Exploratory Boring
- Percolation Test Boring

ALBUS ASSOCIATES

GEOTECHNICAL MAP

Job No.: 3128.00	Date: 01/30/2023	Plate: 1

APPENDIX A

EXPLORATION LOGS

Field Identification Sheet

Light gray

Gray

Dark gray

Gray Brown

Light brown

Brown

Dark Brown

Olive brown

Olive

Yellow

Yellowish brown

Yellowish red

Red

Reddish Brown

Tan

Description Order:

Description, Color, Moisture, Density, Grain Size, Additional Description

Description	%	Example
	0-5	Sand
trace	5-15	Sand trace Silt
with	15-30	Sand with Silt
	30+	Silty Sand

More Examples

Sand with Silt trace Clay

Sand trace Silt and Clay

Sand with Silt and Clay

Gravelly Sand with Silt trace Clay

Silty Clay with Sand trace Gravel

Moisture

Dry	absence of water
Damp	below optimum
Moist	near optimum
Very Moist	above optimum
Wet	free water visible

Density (Navfac)

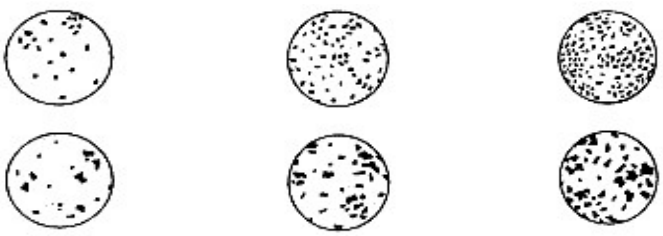
Coarse grained soils	SPT	CA
Very Loose	0-3	0-5
Loose	3-8	5-13
Medium Dense	8-14	13-22
Dense	14-25	22-40
Very Dense	25>	40>
Fine grained soils		
Very Soft	2<	0-3
Soft	2-4	3-6
Medium Stiff	4-8	6-13
Stiff	8-15	13-24
Very Stiff	15-30	24-48
Hard	30>	48>

Grain Size

Description		Sieve Size	Approx. Size
Boulders		>12"	Larger than basketball
Cobbles		3-12"	Fist to basketball
Gravel	coarse	3/4-3"	Thumb to Fist
	fine	#4-3/4"	Pea to Thumb
Sand	coarse	#10-4	Rock Salt to Pea
	medium	#40-10	Sugar to Rock Salt
	fine	#200-40	Flour to Sugar
Fines		Pass #200	Smaller than Flour

Additional Description (ie. roots, pinhole pores, debris, etc.)

Trace 5% Moderate 15% Abundant 30%



EXPLORATION LOG

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

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

EXPLORATION LOG B-1

JOB NO.	CLIENT/PROJECT	DAY	DATE
3128.00	The Olson Company	Wednesday	2023-01-25

LOCATION	LATITUDE	LONGITUDE	ELEVATION
7360 Foster Bridge Boulevard, Downey	33.96576	-118.13692	131.9

LOGGED BY	DRILLER	DRILL METHOD	DRIVING WEIGHT
ddalbus	2R Drilling	Hollow-Stem Auger	140 lbs / 30 in

DEPTH	DESCRIPTION	H2O	COR	BAG	BLOW COUNT	MC (%)	DD (pcf)	LAB
0	Asphalt 5 inches							max ei so4 ph ch
1	Base 1.5 inches							
2	**Artificial Fill (Af)** Silty Sand (SM): grayish brown, moist, loose, fine to medium grained				7	15.3	100.7	
3								
4	**Alluvium (Qal)** Silty Sand (SM): grayish brown, moist, fine grained, some roots				18	6.2	89.5	
5	@ 4 ft, medium dense							
6	Sand trace Silt (SP): grayish brown, damp to moist, loose, fine grained				10	8.1	95.3	consol
7								
8	Sand with Silt (SP): grayish brown, moist, loose, fine grained							
9								
10	Sand (SP): gray, damp, medium dense, fine to medium				22	1.4	95.2	
11								
12								
13								
14								
15					14			sa
16								
17								
18								
19								
20					11			
21	Sandy Silt / Silty Sand (ML/SM): grayish brown, moist, fine grained							
22	Sandy Silt (ML): grayish brown, moist, medium dense, fine grained							
23								
24								

EXPLORATION LOG B-1

JOB NO.	CLIENT/PROJECT	DAY	DATE
3128.00	The Olson Company	Wednesday	2023-01-25

LOCATION	LATITUDE	LONGITUDE	ELEVATION
7360 Foster Bridge Boulevard, Downey	33.96576	-118.13692	131.9

LOGGED BY	DRILLER	DRILL METHOD	DRIVING WEIGHT
ddalbus	2R Drilling	Hollow-Stem Auger	140 lbs / 30 in

DEPTH	LITHO	DESCRIPTION	H2O	COR	BAG	BLOW COUNT	MC (%)	DD (pcf)	LAB
26		Sandy Silt (ML): grayish brown, moist, medium dense, fine grained				15			200 att
30		Sand with Silt (SP): light reddish brown, damp, very dense, fine to medium grained				53			200
35		Sand trace Silt (SP): light reddish brown, damp, very dense, fine to coarse grained				39			
40		@ 40 ft, fine to medium grained				41			sa
45		@ 45 ft, occasional lens of fine grained materials				33			200

EXPLORATION LOG B-1

JOB NO.	CLIENT/PROJECT	DAY	DATE
3128.00	The Olson Company	Wednesday	2023-01-25

LOCATION	LATITUDE	LONGITUDE	ELEVATION
7360 Foster Bridge Boulevard, Downey	33.96576	-118.13692	131.9

LOGGED BY	DRILLER	DRILL METHOD	DRIVING WEIGHT
ddalbus	2R Drilling	Hollow-Stem Auger	140 lbs / 30 in

DEPTH	LITHO	DESCRIPTION	H2O	COR	BAG	BLOW COUNT	MC (%)	DD (pcf)	LAB
51		Sand with Silt (SP): light reddish brown, moist, very dense, fine to medium				55			
52		Total Depth 51.5 feet No Groundwater							
53									
54									
55									
56									
57									
58									
59									
60									
61									
62									
63									
64									
65									
66									
67									
68									
69									
70									
71									
72									
73									
74									

EXPLORATION LOG B-2

JOB NO.	CLIENT/PROJECT	DAY	DATE
3128.00	The Olson Company	Wednesday	2023-01-25

LOCATION	LATITUDE	LONGITUDE	ELEVATION
7360 Foster Bridge Boulevard, Downey	33.96624	-118.13676	131.5

LOGGED BY	DRILLER	DRILL METHOD	DRIVING WEIGHT
ddalbus	2R Drilling	Hollow-Stem Auger	140 lbs / 30 in

DEPTH	DESCRIPTION	H2O	COR	BAG	BLOW COUNT	MC (%)	DD (pcf)	LAB
0	Asphalt 4 inches							
	Base 2 inches							
2	**Artificial Fill (Af)** Silty Sand (SM): grayish brown, moist, loose, fine to medium				6	5.4	100.9	
4	**Alluvium (Qal)** Silty Sand (SM): grayish brown, moist, loose, fine grained				7	17.9	80.9	consol
6	@ 4 ft, coarse grained lens				5	12.8	83.2	consol
7	@ 6 ft, very loose							
10	@ 10 ft, medium dense				17	2.6	94.5	
11	Sand (SP): gray, damp, medium dense, fine to medium grained							
15					7			
17	Total Depth 16.5 feet No Groundwater							

EXPLORATION LOG B-3

JOB NO.	CLIENT/PROJECT	DAY	DATE
3128.00	The Olson Company	Wednesday	2023-01-25

LOCATION	LATITUDE	LONGITUDE	ELEVATION
7360 Foster Bridge Boulevard, Downey	33.96613	-118.13637	132.1

LOGGED BY	DRILLER	DRILL METHOD	DRIVING WEIGHT
ddalbus	2R Drilling	Hollow-Stem Auger	140 lbs / 30 in

DEPTH	LITHO	DESCRIPTION	H2O	COR	BAG	BLOW COUNT	MC (%)	DD (pcf)	LAB
		Asphalt 6 inches							
1		Base 1 inch							
2		**Artificial Fill (Af)** Silty Sand (SM): grayish brown, damp, loose, fine grained		■		6	3.7	96.9	
3				■					
4		**Alluvium (Qal)** Silty Sand (SM): grayish brown, damp, loose, fine grained		■		10	4.1	95.8	
5				■					
6		@ 4 ft, trace pinhole pores							
		Sand with Silt (SP): light gray, dry to damp, medium dense, fine grained		■		14	3.6	103.4	
7				■					
8									
9									
10				■		19	12.7	111.4	consol
11				■					
		Sandy Silt (ML): grayish brown, moist, medium dense, fine grained							
12		Total Depth 11.5 feet No Groundwater							
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									

EXPLORATION LOG B-4

JOB NO.	CLIENT/PROJECT	DAY	DATE
3128.00	The Olson Company	Wednesday	2023-01-25

LOCATION	LATITUDE	LONGITUDE	ELEVATION
7360 Foster Bridge Boulevard, Downey	33.96586	-118.13636	134.9

LOGGED BY	DRILLER	DRILL METHOD	DRIVING WEIGHT
ddalbus	2R Drilling	Hollow-Stem Auger	140 lbs / 30 in

DEPTH	LITHO	DESCRIPTION	H2O	COR	BAG	BLOW COUNT	MC (%)	DD (pcf)	LAB
		Asphalt 6 inches							
1		2 inches							
2		**Artificial Fill (Af)** Silty Sand (SM): grayish brown, damp to moist, loose, fine grained				13	7	103.7	
3									
4						5	8	89.6	
5									
6		**Alluvium (Qal)** Silty Sand (SM): grayish brown, damp to moist, loose, fine grained				14	12.6	101.9	
7									
8		@ 4 ft, very loose, concrete debris							
9		@ 6 ft, medium dense, more fines, trace pinhole pores							
10		@ 10 ft, trace pinhole pores				26	19.3	109.4	
11		Sandy Silt (ML): grayish brown, moist, very stiff, fine grained							
12		Total Depth 11.5 feet No Groundwater							
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									

APPENDIX B

LABORATORY TEST PROGRAM

LABORATORY TESTING PROGRAM

Soil Classification

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

In Situ Moisture and Density

Moisture content and unit dry density of in-place soil materials were determined in representative strata. Test data are summarized in the Boring Logs, Appendix A.

Maximum Dry Density and Optimum Moisture Content

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

Expansion Potential

An Expansion Index test was performed on a selected sample in accordance with ASTM D 4829. The test result and expansion potential are presented in Table B.

Soluble Sulfate Content

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

Atterberg Limits

Atterberg Limits (Liquid Limit, Plastic Limit, and Plasticity Index) were performed in accordance with Test Method ASTM D4318. Pertinent test values are presented within Table B-1.

Particle Size Analyses

Particle size analyses were performed on representative samples of site materials in accordance with ASTM D 422-63. The results are presented graphically on the attached Plates B-1 through B-2.

Consolidation

Consolidation tests were performed for selected soil samples in general conformance with ASTM D 2435. Axial loads were applied in several increments to a laterally restrained 1-inch-high sample. Loads were applied in geometric progression by doubling the previous load, and the resulting deformations were recorded at selected time intervals. Results of the tests are graphically presented on Plates B-3 thru B-6.

Percent Passing the No. 200 Sieve

Percent of material passing the No. 200 sieve was determined on selected samples to verify visual classifications performed in the field. These tests were performed in accordance with ASTM D1140-00. Test results are presented on Table B.

Direct Shear

Direct shear testing was performed for a selected soil sample remolded to 90 percent of the maximum dry density. This test was performed in general accordance with ASTM D3080-04. Three specimens were prepared for the test. The test specimens were artificially saturated, and then sheared under varied normal loads at a constant rate. The results are graphically presented on Plate B-7.

Corrosion

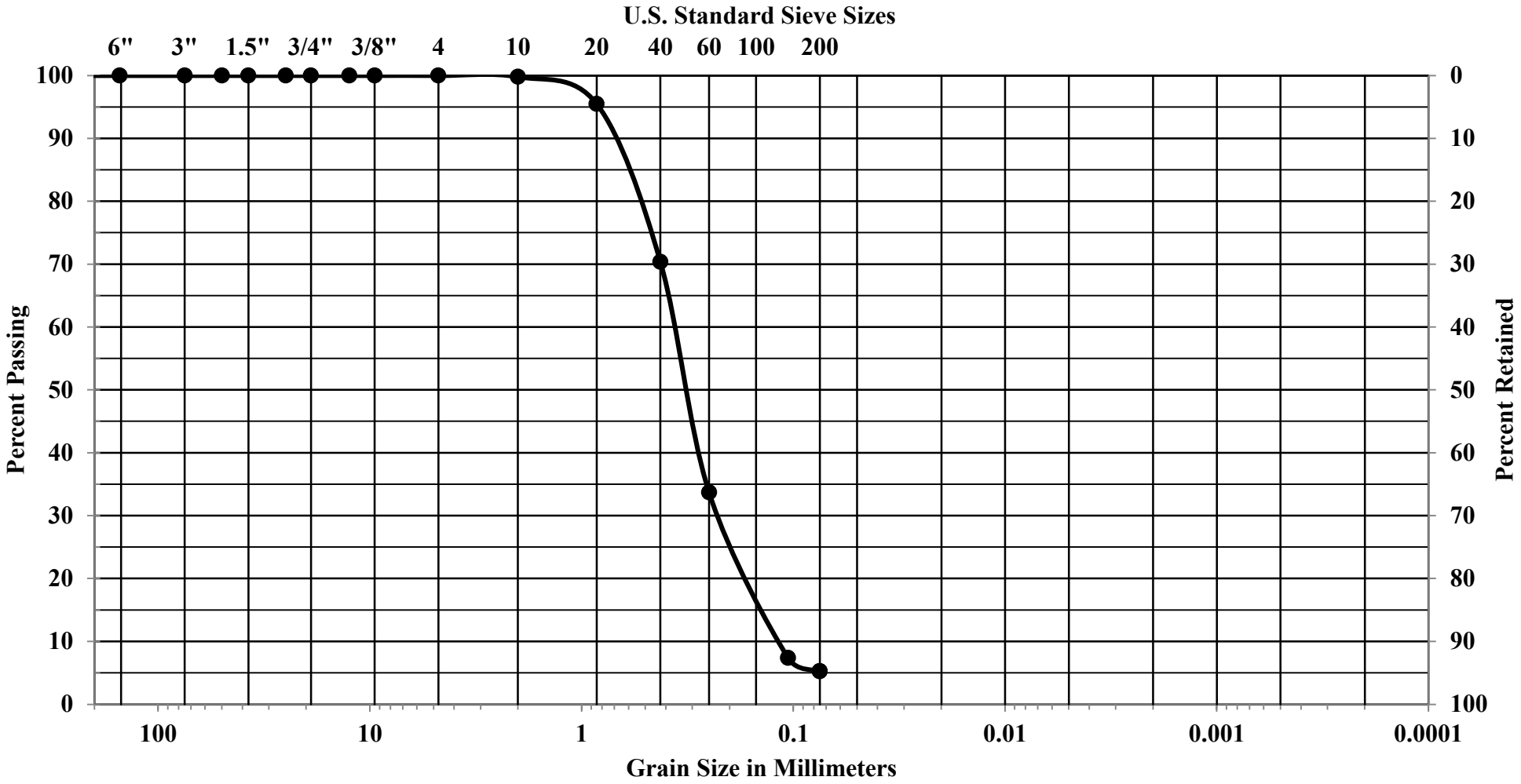
Select samples were tested for minimum resistivity and pH in accordance with California Test Method 643. Results of these tests are provided in Table B-1.

TABLE B
SUMMARY OF LABORATORY TEST RESULTS

Boring No.	Sample Depth (ft)	Soil Description	Test Results	
B-1	0-5	Sand with Silt (SP)	Max. Dry Density (pcf): Opt. Moisture Content (%): Expansion Index: Expansion Potential: Soluble Sulfate Content: Sulfate Exposure: pH: Chloride content (ppm):	129.0 9 9 Very Low 0.001 % Negligible 7.3 67.5
B-1	25	Sandy Silt (ML)	Liquid Limit: Plastic Index:	34 10
B-1	30	Sandy Silt (ML)	Passing #200 Sieve (%):	72
B-1	30	Sand with Silt (SP)	Passing #200 Sieve (%):	22.7
B-1	45	Sand trace Silt (SP)	Passing #200 Sieve (%):	10.5

GRAIN SIZE DISTRIBUTION

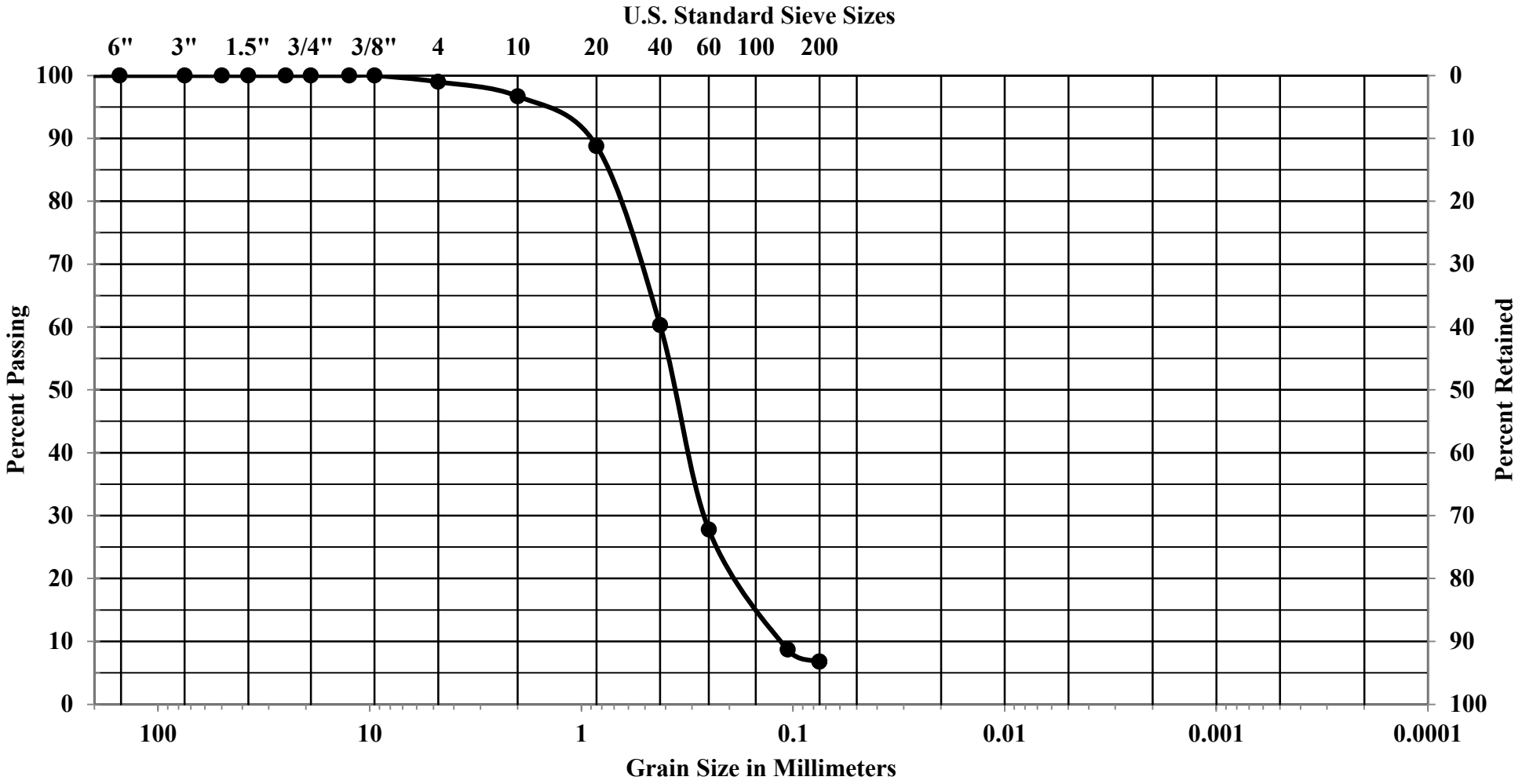
COBBLES	GRAVEL		SAND			SILT AND CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



Job Number	Location	Depth	Description
3128.00	B-1	15	Sand (SP)

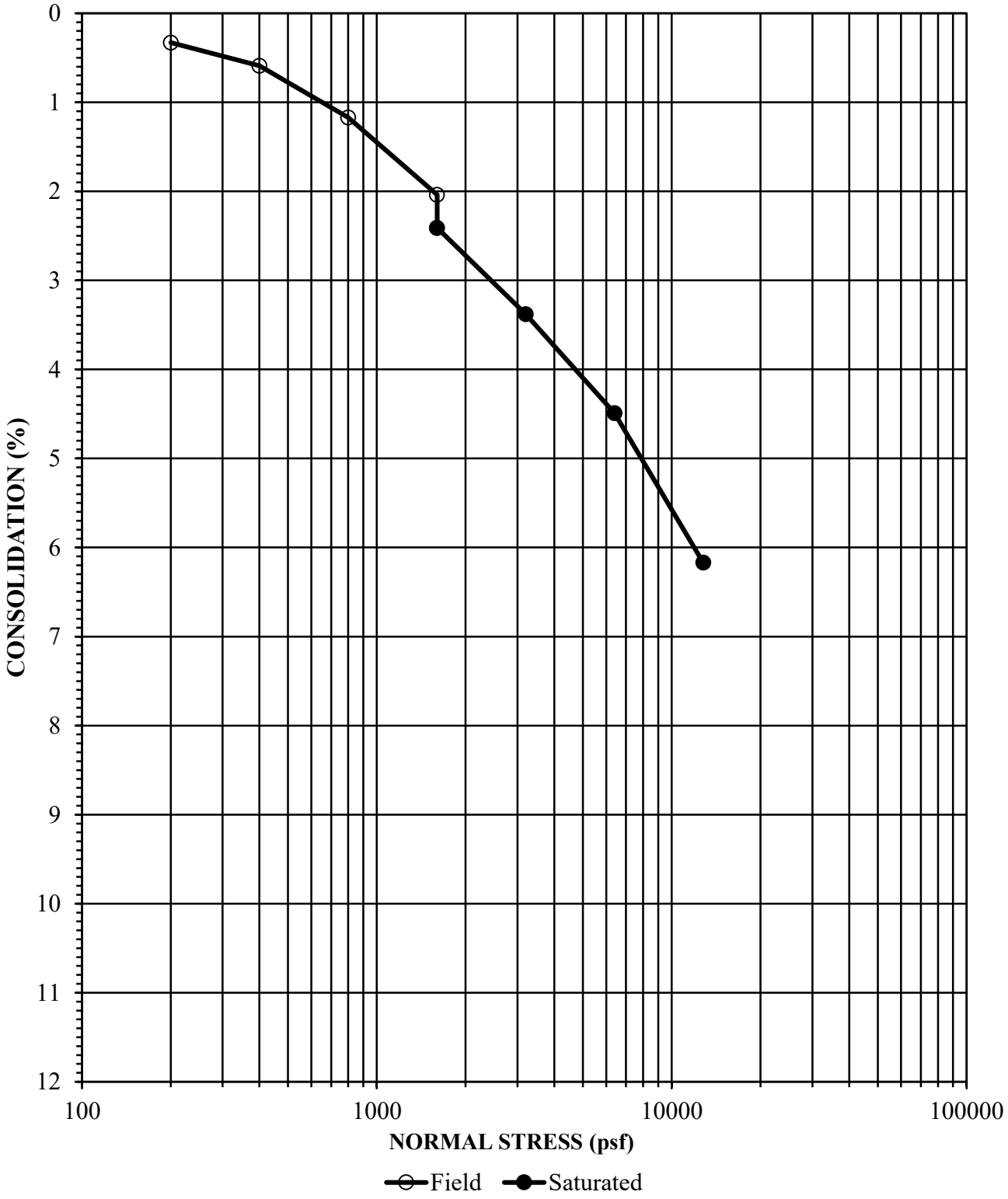
GRAIN SIZE DISTRIBUTION

COBBLES	GRAVEL		SAND			SILT AND CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



Job Number	Location	Depth	Description
3128.00	B-1	40	Sand trace Silt (SP)

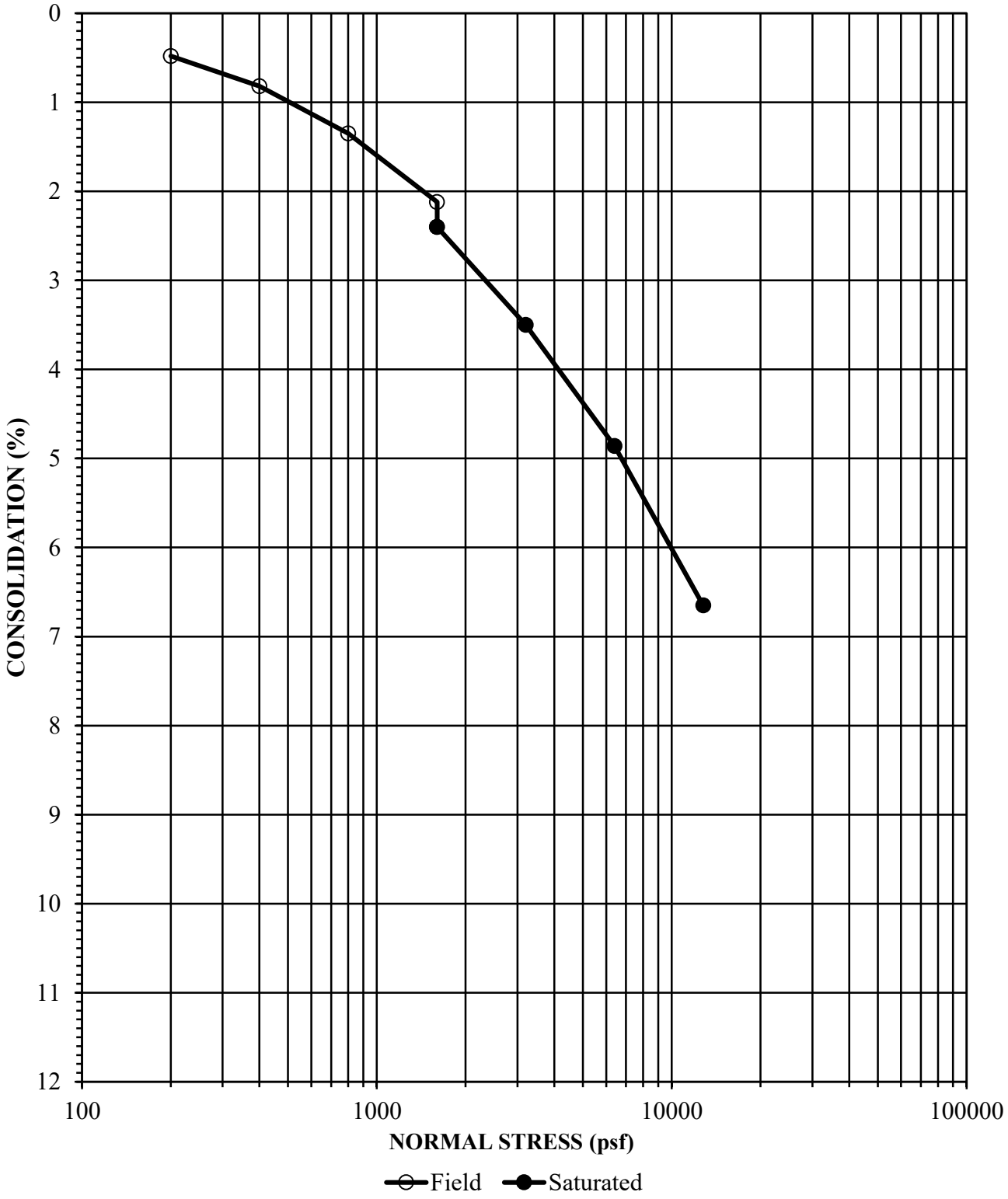
CONSOLIDATION



Job Number	Location	Depth	Description
3128.00	B-2	4	Sand with Silt (SP)

Initial Dry Density (pcf)	Initial Moisture Content (%)	Final Moisture Concent (%)

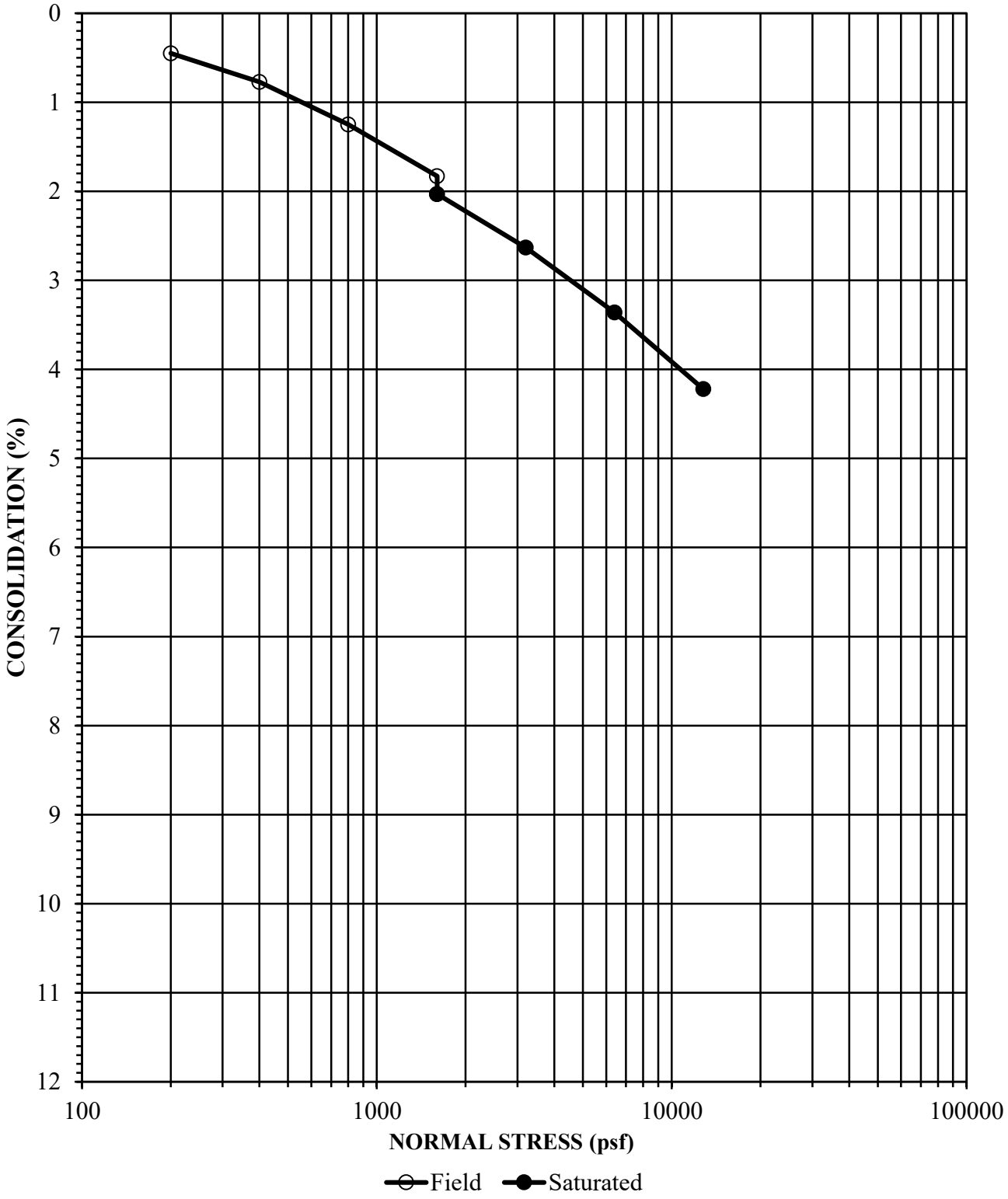
CONSOLIDATION



Job Number	Location	Depth	Description
3128.00	B-2	6	Silty Sand (SM)

Initial Dry Density (pcf)	Initial Moisture Content (%)	Final Moisture Concent (%)

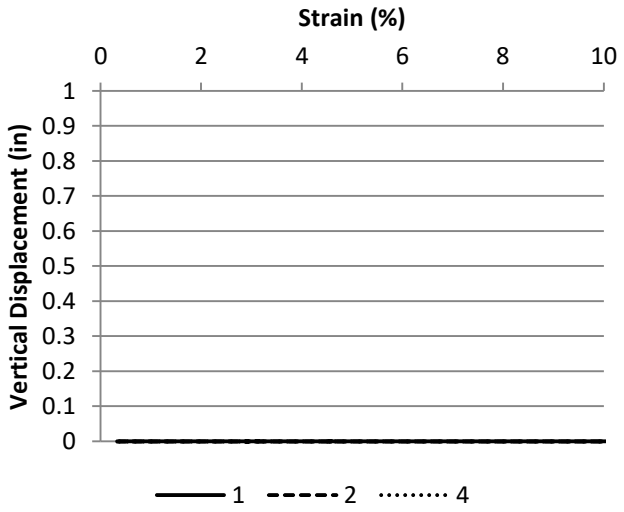
CONSOLIDATION

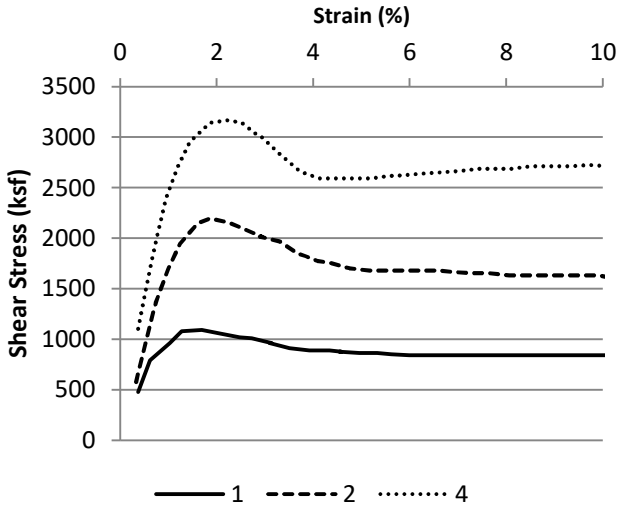


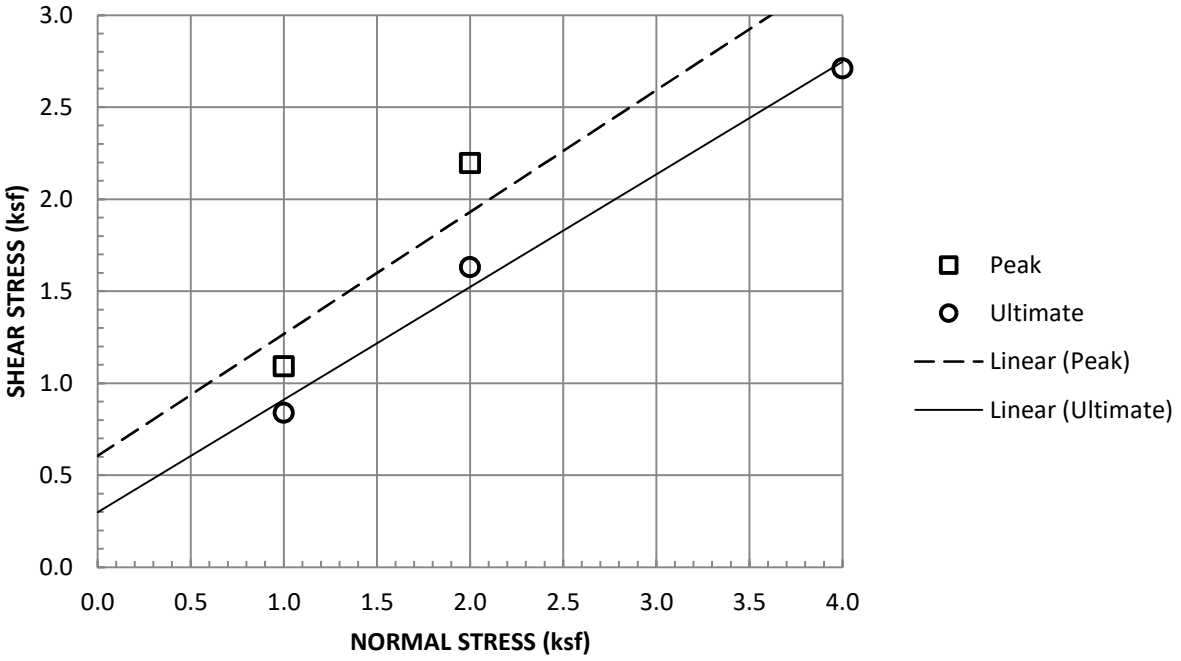
Job Number	Location	Depth	Description
3128.00	B-3	10	Sandy Silt (ML)

Initial Dry Density (pcf)	Initial Moisture Content (%)	Final Moisture Concent (%)

DIRECT SHEAR







Sample Type:	Remolded, Saturated		
Normal Stress (ksf)	1	2	4
Peak Shear Stress (ksf)	1.092	2.196	3.168
Peak Displacement (in)	0	0	0
Ultimate Shear Stress (ksf)	0.84	1.632	2.712
Ultimate Displacement (in)	1092	2196	3168
Initial Dry Density (pcf)	115.8	115.8	115.7
Initial Moisture Content (%)	9	9	9
Final Moisture Content (%)	16.3	15.4	16
Strain Rate (in/min)	0.01		

Job Number	Location	Depth	Description
3128.00	B-1	0-5	Sand with Silt (ML)

APPENDIX C

LIQUEFACTION ANALYSES

TABLE C-1
ANALYSIS OF LIQUEFACTION POTENTIAL
BORING: B-1 (2%PE in 50 yrs; FS=1.3)

SM

Client: Olson Company
J.N. 3128.00
Site: Downey

Hammer Type (D,S,A)	A			
Boring Diameter, ID (in)	4			
Site Acceleration (g)	0.834			
for a Magnitude (Mw) of	6.92			
and MSF of	1.27			
Depth to High GW	9	ft.	FS for Liquefaction:	1.3
Depth to GW during invest.	100	ft.	FS for Liqu. Settlement:	1.3
Hammer Efficiency	90.1	%	PI Threshold for Liquefaction:	12
Sublayer Thickness	1	ft.	Moisture Cnt Threshold for Liqu. (%LL)	85
Depth of Boring	50	ft.		

Notes: Underlined numbersare estimated values.
(1) Based on current groundwater conditions at the time of investigation.
(2) Based on assumed/proposed high groundwater conditions.
(3) Kα=1.0

(4) A Layer is located above historically high groundwater
B Factor of Saftey is greater than the specified value of FS=1.3
C The $(N_1)_{60\text{-}cs}$ is greater than 30 blows per foot
D PI > 12 or the in situ moisture content (M%) < 85% LL

Reference: Youd, T.L., et.al., (2001), "Liquefaction Resistance of Soils: Summary Report From The 1996 NCEER and 1998 NCEER/NSF Workshops on Evaluation of Liquefaction Resistance of Soils", ASCE Journal of Geotechnical and Geoenvironmental Engineering, Vol.127, No.10, pp.817-833, October, 2001.

Layer Label	Depth Interval (ft) Top	Depth Interval (ft) Bottom	Layer Mid-Depth (ft)	Soil Type (USCS)	Fines <#200 Sieve (%)	LL (%)	PI	M (%)	Field Nf (bls/ft)	Sample Type SPT/CA	Soil Wet Density (pcf)	Total Stress (psf)(1)	Effec. Stress (psf)(1)	C_n	C_e	C_b	C_r	C_L	$(N_1)_{60}$ (lbs/ft)	α	β	$(N_1)_{60\text{-}cs}$ (lbs/ft)	Effec. Stress (psf)(2)	R_d	CRR (M=7.5)	Kσ	CSR	FS (3)	To Liquefy Y/N?	Reason(4) not Liquifiable
																												1.30		
1	0.0	1.0	0.5	SM	35				50	ca	100	50	50	1.7	1.50	1.00	0.75	1.0	53.6	5.0	1.20	69.3	50	1.00	NA	1.00	0.54	NA	N	A
1	1.0	2.0	1.5	SM	35				50	ca	100	150	150	1.7	1.50	1.00	0.75	1.0	53.6	5.0	1.20	69.3	150	1.00	NA	1.00	0.54	NA	N	A
1	2.0	3.0	2.5	SM	35				50	ca	100	250	250	1.7	1.50	1.00	0.75	1.0	52.6	5.0	1.20	68.1	250	0.99	NA	1.00	0.54	NA	N	A
1	3.0	4.0	3.5	SM	35				50	ca	100	350	350	1.6	1.50	1.00	0.75	1.0	50.7	5.0	1.20	65.9	350	0.99	NA	1.00	0.54	NA	N	A
1	4.0	5.0	4.5	SM	35				50	ca	100	450	450	1.6	1.50	1.00	0.75	1.0	49.0	5.0	1.20	63.8	450	0.99	NA	1.00	0.54	NA	N	A
2	5.0	6.0	5.5	SP	10				50	ca	100	550	550	1.5	1.50	1.00	0.75	1.0	47.4	0.9	1.02	49.3	550	0.99	NA	1.00	0.54	NA	N	A
3	6.0	7.0	6.5	SP	20				10	ca	100	650	650	1.5	1.50	1.00	0.80	1.0	9.8	3.6	1.08	14.2	650	0.99	NA	1.00	0.54	NA	N	A
3	7.0	8.0	7.5	SP	20				10	ca	100	750	750	1.4	1.50	1.00	0.80	1.0	9.5	3.6	1.08	13.9	750	0.98	NA	1.00	0.54	NA	N	A
3	8.0	9.0	8.5	SP	20				10	ca	100	850	850	1.4	1.50	1.00	0.80	1.0	9.2	3.6	1.08	13.6	850	0.98	NA	1.00	0.54	NA	N	A
3	9.0	10.0	9.5	SP	20				10	ca	100	950	950	1.3	1.50	1.00	0.85	1.0	9.5	3.6	1.08	13.9	919	0.98	0.15	1.00	0.54	0.35	Y	
4	10.0	11.0	10.5	SP	5				22	ca	115	1208	1208	1.2	1.50	1.00	0.85	1.0	19.5	0.0	1.00	19.5	1114	0.98	0.21	1.00	0.58	0.46	Y	
4	11.0	12.0	11.5	SP	5				22	ca	115	1323	1323	1.2	1.50	1.00	0.85	1.0	18.9	0.0	1.00	18.9	1167	0.97	0.20	1.00	0.60	0.43	Y	
4	12.0	13.0	12.5	SP	5				22	ca	115	1438	1438	1.2	1.50	1.00	0.85	1.0	18.3	0.0	1.00	18.3	1219	0.97	0.20	1.00	0.62	0.40	Y	
4	13.0	14.0	13.5	SP	5				22	ca	115	1553	1553	1.1	1.50	1.00	0.85	1.0	17.8	0.0	1.00	17.8	1272	0.97	0.19	1.00	0.64	0.38	Y	
4	14.0	15.0	14.5	SP	5				22	ca	115	1668	1668	1.1	1.50	1.00	0.85	1.0	17.3	0.0	1.00	17.3	1324	0.97	0.18	1.00	0.66	0.35	Y	
5	15.0	16.0	15.5	SP	5				14	spt	115	1783	1783	1.1	1.50	1.00	0.85	1.2	23.0	0.0	1.00	23.0	1377	0.96	0.26	1.00	0.68	0.48	Y	
5	16.0	17.0	16.5	SP	5				14	spt	115	1898	1898	1.0	1.50	1.00	0.90	1.2	23.7	0.0	1.00	23.7	1430	0.96	0.27	1.00	0.70	0.49	Y	
5	17.0	18.0	17.5	SP	5				14	spt	115	2013	2013	1.0	1.50	1.00	0.90	1.2	23.1	0.0	1.00	23.1	1482	0.96	0.26	1.01	0.70	0.47	Y	
5	18.0	19.0	18.5	SP	5				14	spt	115	2128	2128	1.0	1.50	1.00	0.90	1.2	22.5	0.0	1.00	22.5	1535	0.96	0.25	1.00	0.72	0.44	Y	
5	19.0	20.0	19.5	SP	5				14	spt	115	2243	2243	1.0	1.50	1.00	0.90	1.2	22.0	0.0	1.00	22.0	1587	0.96	0.24	0.99	0.74	0.41	Y	
6	20.0	21.0	20.5	SP	5				11	spt	110	2255	2255	1.0	1.50	1.00	0.90	1.2	17.2	0.0	1.00	17.2	1537	0.95	0.18	0.99	0.76	0.30	Y	
7	21.0	22.0	21.5	ML	50				11	SPT	110	2365	2365	0.9	1.50	1.00	0.90	1.2	16.8	5.0	1.20	25.2	1585	0.95	0.30	0.99	0.76	0.49	Y	
8	22.0	23.0	22.5	ML	72				15	spt	115	2588	2588	0.9	1.50	1.00	0.95	1.2	23.2	5.0	1.20	32.8	1745	0.95	NA	0.97	0.76	NA	N	C
8	23.0	24.0	23.5	ML	72				15	spt	115	2703	2703	0.9	1.50	1.00	0.95	1.2	22.7	5.0	1.20	32.2	1798	0.95	NA	0.96	0.78	NA	N	C
8	24.0	25.0	24.5	ML	72				15	spt	115	2818	2818	0.9	1.50	1.00	0.95	1.2	22.2	5.0	1.20	31.6	1850	0.94	NA	0.95	0.78	NA	N	C
9	25.0	26.0	25.5	ML	72				15	spt	115	2933	2933	0.8	1.50	1.00	0.95	1.2	21.7	5.0	1.20	31.0	1903	0.94	NA	0.95	0.78	NA	N	C
9	26.0	27.0	26.5	ML	72				15	spt	115	3048	3048	0.8	1.50	1.00	0.95	1.2	21.2	5.0	1.20	30.5	1956	0.94	NA	0.94	0.80	NA	N	C
9	27.0	28.0	27.5	ML	72				15	spt	115	3163	3163	0.8	1.50	1.00	0.95	1.2	20.8	5.0	1.20	30.0	2008	0.94	0.47	0.93	0.80	0.69	Y	
9	28.0	29.0	28.5	ML	72				15	spt	115	3278	3278	0.8	1.50	1.00	0.95	1.2	20.4	5.0	1.20	29.5	2061	0.93	0.44	0.92	0.80	0.64	Y	
9	29.0	30.0	29.5	ML	72				15	spt	115	3393	3393	0.8	1.50	1.00	1.00	1.2	21.1	5.0	1.20	30.3	2113	0.93	NA	0.92	0.82	NA	N	C
10	30.0	31.0	30.5	SP	22.7				53	spt	120	3660	3660	0.7	1.50	1.00	1.00	1.2	71.2	4.0	1.10	82.2	2318	0.93	NA	0.90	0.80	NA	N	C
10	31.0	32.0	31.5	SP	22.7				53	spt	120	3780	3780	0.7	1.50	1.00	1.00	1.2	69.8	4.0	1.10	80.7	2376	0.92	NA	0.89	0.80	NA	N	C
10	32.0	33.0	32.5	SP	22.7				53	spt	120	3900	3900	0.7	1.50	1.00	1.00	1.2	68.5	4.0	1.10	79.2	2434	0.91	NA	0.89	0.80	NA	N	C
10	33.0	34.0	33.5	SP	22.7				53	spt	120	4020	4020	0.7	1.50	1.00	1.00	1.2	67.2	4.0	1.10	77.9	2491	0.90	NA	0.88	0.78	NA	N	C
10	34.0	35.0	34.5	SP	22.7				53	spt	120	4140	4140	0.7	1.50	1.00	1.00	1.2	66.0	4.0	1.10	76.5	2549	0.89	NA	0.88	0.78	NA	N	C
11	35.0	36.0	35.5	SP	10				39	spt	120	4260	4260	0.7	1.50	1.00	1.00	1.2	47.7	0.9	1.02	49.6	2606	0.89	NA	0.87	0.78	NA	N	C
11	36.0	37.0	36.5	SP	10				39	spt	120	4380	4380	0.7	1.50	1.00	1.00	1.2	46.9	0.9	1.02	48.8	2664	0.88	NA	0.86	0.78	NA	N	C
11	37.0	38.0	37.5	SP	10				39	spt	120	4500	4500	0.7	1.50	1.00	1.00	1.2	46.1	0.9	1.02	48.0	2722	0.87	NA	0.86	0.78	NA	N	C
11	38.0	39.0	38.5	SP	10				39	spt	120	4620	4620	0.6	1.50	1.00	1.00	1.2	45.3	0.9	1.02	47.2	2779	0.86	NA	0.85	0.78	NA	N	C
11	39.0	40.0	39.5	SP	10				39	spt	120	4740	4740	0.6	1.50	1.00	1.00	1.2	44.6	0.9	1.02	46.4	2837	0.85	NA	0.85	0.78	NA	N	C
12	40.0	41.0	40.5	SP	10				41	spt	120	4860	4860	0.6	1.50	1.00	1.00	1.2	46.1	0.9	1.02	48.0	2894	0.85	NA	0.84	0.78	NA	N	C
12	41.0	42.0	41.5	SP	10				41	spt	120	4980	4980	0.6	1.50	1.00	1.00	1.2	45.3	0.9	1.02	47.2	2952	0.84	NA	0.83	0.76	NA	N	C
12	42.0	43.0	42.5	SP	10				41	spt	120	5100	5100	0.6	1.50	1.00	1.00	1.2	44.6	0.9	1.02	46.5	3010	0.83	NA	0.83	0.76	NA	N	C
12	43.0	44.0	43.5	SP	10				41	spt	120	5220	5220	0.6	1.50	1.00	1.00	1.2	43.9	0.9	1.02	45.8	3067	0.82	NA	0.82	0.76	NA	N	C
12	44.0	45.0	44.5	SP	10				41	spt	120	5340	5340	0.6	1.50	1.00	1.00	1.2	43.3	0.9	1.02	45.1	3125	0.81	NA	0.82	0.76	NA	N	C
13	45.0	46.0	45.5	SP	10.5				33	spt	120	5460	5460	0.6	1.50	1.00	1.00	1.2	34.3	1.0	1.02	36.2	3182	0.81	NA	0.81	0.74	NA	N	C
13	46.0	47.0	46.5	SP	10.5				33	spt	120	5580	5580	0.6	1.50	1.00	1.00	1.2	33.8	1.0	1.02	35.6	3240	0.80	NA	0.81	0.74	NA	N	C
13	47.0	48.0	47.5	SP	10.5				33	spt	120	5700	5700	0.6	1.50	1.00	1.00	1.2	33.3	1.0	1.02	35.1	3298	0.79	NA	0.80	0.74	NA	N	C
13	48.0	49.0	48.5	SP	10.5				33	spt	120	5820	5820	0.6	1.50	1.00	1.00	1.2	32.8	1.0	1.02	34.6	3355	0.78	NA	0.80	0.74	NA	N	C
13	49.0	50.0	49.5	SP	10.5				33	spt	120	5940	5940	0.5	1.50	1.00	1.00	1.2	32.3	1.0	1.02	34.2	3413	0.77	NA	0.80	0.72	NA	N	C

TABLE C-2
LIQUEFACTION INDUCED SETTLEMENT
BORING B-1 (2%PE in 50 yrs; FS=1.3)

Client: Olson Company

J.N. 3128.00

Site: Downey

Notes:

(1) Effective ER=55% normalized standard penetration resistance for clean sands, $(N_1)_{60\text{-}cs}$*1.1 (Seed, 1994).

(2) Volumetric strain (Ishihara and Yoshimine, 1992) using $(N_1)_{55\text{-}cs}$.

(3) Volumetric strain (Tokimatsu and Seed, 1987) using $(N_1)_{60\text{-}cs}$.

									Total δ (in.)	3.37	2.92	3.15
Depth Interval (ft)		Soil layer thickness (ft)	Fines <#200 Sieve (%)	$(N_1)_{60\text{-}cs}$	$(N_1)_{55\text{-}cs}$ (1)	FS	IY Percent ε_v (2)	CSR*	TS Percent ε_v (3)	IY δ (in.)	TS δ (in.)	Ave δ (in.)
Top	Bottom											
0.00	1.00	1.00	35	69.3	76.3	NA	0.00	0.54	NA	NA	NA	0
1.00	2.00	1.00	35	69.3	76.3	NA	0.00	0.54	NA	NA	NA	0
2.00	3.00	1.00	35	68.1	74.9	NA	0.00	0.54	NA	NA	NA	0
3.00	4.00	1.00	35	65.9	72.5	NA	0.00	0.54	NA	NA	NA	0
4.00	5.00	1.00	35	63.8	70.2	NA	0.00	0.54	NA	NA	NA	0
5.00	6.00	1.00	10	49.3	54.2	NA	0.00	0.54	NA	NA	NA	0
6.00	7.00	1.00	20	14.2	15.6	NA	0.00	0.54	NA	NA	NA	0
7.00	8.00	1.00	20	13.9	15.2	NA	0.00	0.54	NA	NA	NA	0
8.00	9.00	1.00	20	13.6	14.9	NA	0.00	0.54	NA	NA	NA	0
9.00	10.00	1.00	20	13.9	15.3	0.3	2.77	0.54	2.06	0.33	0.25	0.29
10.00	11.00	1.00	5	19.5	21.4	0.5	2.09	0.58	1.68	0.25	0.20	0.23
11.00	12.00	1.00	5	18.9	20.8	0.4	2.14	0.60	1.72	0.26	0.21	0.23
12.00	13.00	1.00	5	18.3	20.2	0.4	2.19	0.62	1.75	0.26	0.21	0.24
13.00	14.00	1.00	5	17.8	19.6	0.4	2.25	0.64	1.78	0.27	0.21	0.24
14.00	15.00	1.00	5	17.3	19.0	0.4	2.31	0.66	1.81	0.28	0.22	0.25
15.00	16.00	1.00	5	23.0	25.3	0.5	1.78	0.68	1.52	0.21	0.18	0.20
16.00	17.00	1.00	5	23.7	26.1	0.5	1.70	0.70	1.50	0.20	0.18	0.19
17.00	18.00	1.00	5	23.1	25.4	0.5	1.76	0.70	1.52	0.21	0.18	0.20
18.00	19.00	1.00	5	22.5	24.8	0.4	1.82	0.72	1.54	0.22	0.19	0.20
19.00	20.00	1.00	5	22.0	24.2	0.4	1.87	0.74	1.57	0.22	0.19	0.21
20.00	21.00	1.00	5	17.2	18.9	0.3	2.33	0.76	1.81	0.28	0.22	0.25
21.00	22.00	1.00	50	25.2	27.7	0.5	1.56	0.76	1.44	0.19	0.17	0.18
22.00	23.00	1.00	72	32.8	36.1	NA	0.00	0.76	NA	NA	NA	0
23.00	24.00	1.00	72	32.2	35.4	NA	0.00	0.78	NA	NA	NA	0
24.00	25.00	1.00	72	31.6	34.8	NA	0.00	0.78	NA	NA	NA	0
25.00	26.00	1.00	72	31.0	34.1	NA	0.00	0.78	NA	NA	NA	0
26.00	27.00	1.00	72	30.5	33.5	NA	0.00	0.80	NA	NA	NA	0
27.00	28.00	1.00	72	30.0	33.0	0.7	0.69	0.80	1.30	0.08	0.16	0.12
28.00	29.00	1.00	72	29.5	32.4	0.6	0.85	0.80	1.31	0.10	0.16	0.13
29.00	30.00	1.00	72	30.3	33.3	NA	0.00	0.82	NA	NA	NA	0
30.00	31.00	1.00	23	82.2	90.4	NA	0.00	0.80	NA	NA	NA	0
31.00	32.00	1.00	23	80.7	88.7	NA	0.00	0.80	NA	NA	NA	0
32.00	33.00	1.00	23	79.2	87.2	NA	0.00	0.80	NA	NA	NA	0
33.00	34.00	1.00	23	77.9	85.6	NA	0.00	0.78	NA	NA	NA	0
34.00	35.00	1.00	23	76.5	84.2	NA	0.00	0.78	NA	NA	NA	0
35.00	36.00	1.00	10	49.6	54.6	NA	0.00	0.78	NA	NA	NA	0
36.00	37.00	1.00	10	48.8	53.7	NA	0.00	0.78	NA	NA	NA	0
37.00	38.00	1.00	10	48.0	52.8	NA	0.00	0.78	NA	NA	NA	0
38.00	39.00	1.00	10	47.2	51.9	NA	0.00	0.78	NA	NA	NA	0
39.00	40.00	1.00	10	46.4	51.0	NA	0.00	0.78	NA	NA	NA	0
40.00	41.00	1.00	10	48.0	52.7	NA	0.00	0.78	NA	NA	NA	0
41.00	42.00	1.00	10	47.2	51.9	NA	0.00	0.76	NA	NA	NA	0
42.00	43.00	1.00	10	46.5	51.1	NA	0.00	0.76	NA	NA	NA	0
43.00	44.00	1.00	10	45.8	50.3	NA	0.00	0.76	NA	NA	NA	0
44.00	45.00	1.00	10	45.1	49.6	NA	0.00	0.76	NA	NA	NA	0
45.00	46.00	1.00	11	36.2	39.8	NA	0.00	0.74	NA	NA	NA	0
46.00	47.00	1.00	11	35.6	39.2	NA	0.00	0.74	NA	NA	NA	0
47.00	48.00	1.00	11	35.1	38.6	NA	0.00	0.74	NA	NA	NA	0
48.00	49.00	1.00	11	34.6	38.1	NA	0.00	0.74	NA	NA	NA	0
49.00	50.00	1.00	11	34.2	37.6	NA	0.00	0.72	NA	NA	NA	0

TABLE C-3
ANALYSIS OF DRY SEISMIC SETTLEMENT POTENTIAL
BORING B-1 (2%PE in 50 yrs; FS=1.3)

Client: Olson Company
J.N. 3128.00
Site: Downey

		Total Seismic Settlement of Unsaturated Soil w/ FS=2.0 (in):	0.74
		Subtotal Seismic Settlement of Unsaturated Soil (in)	0.37
		Total Thickness of Unsaturated Soil (ft)	9.0

GW Depth: 9 feet
EQ Magnitude 6.92
MSF 1.27

Layer Mid-Depth (ft.)	Soil Type	Eff. Stress σ'_{vo}(tsf)	Clean Sand $(N_1)_{60}$	CSR	(psf) τ_{avg} Avg. Shear Stress	(tsf) σ_m' Mean Bulk Stress	(tsf) G_{max} Max. Dyn.Shr. Mod.	γ_{eff} (G_{eff}/G_{max})	Eff. Cyclic Shr.Strain γ_{eff}	Eff. Cyclic Shr.Strain γ_{eff} (%)	Volume Strain (%)	EQ Mag. Factor	Layer Thickness (ft.)	Estimated Dry Sand Seismic Settlement (in.)
									Fig.11		Fig.13			
0.5	SM	0.03	69.3	0.54	27.0	0.02	230.9	5.85E-05	9.08E-05	9.08E-03	2.76E-03	1.27	1.0	0.000
1.5	SM	0.08	69.3	0.54	81.0	0.05	400.0	1.01E-04	2.42E-04	2.42E-02	7.35E-03	1.27	1.0	0.001
2.5	SM	0.13	68.1	0.54	135.0	0.08	513.3	1.32E-04	4.08E-04	4.08E-02	1.24E-02	1.27	1.0	0.001
3.5	SM	0.18	65.9	0.54	189.0	0.11	600.7	1.57E-04	6.09E-04	6.09E-02	1.85E-02	1.27	1.0	0.002
4.5	SM	0.23	63.8	0.54	243.0	0.15	674.0	1.80E-04	1.04E-03	1.04E-01	3.16E-02	1.27	1.0	0.003
5.5	SP	0.28	49.3	0.54	297.0	0.18	684.4	2.17E-04	2.89E-03	2.89E-01	8.77E-02	1.27	1.0	0.008
6.5	SP	0.33	14.2	0.54	351.0	0.21	493.2	3.56E-04	1.00E-02	1.00E+00	1.22E+00	1.27	1.0	0.115
7.5	SP	0.38	13.9	0.54	405.0	0.24	525.8	3.85E-04	1.00E-02	1.00E+00	1.25E+00	1.27	1.0	0.118
8.5	SP	0.43	13.6	0.54	459.0	0.28	555.6	4.13E-04	1.00E-02	1.00E+00	1.28E+00	1.27	1.0	0.121

Attachment 6

- Inspection Report Template

LID Inspection Report Template

Inspector: _____

Date: _____

Location: _____

BMP	Maintenance Frequency	Complete (Yes/No)
Catch Basin Cleaning	Minimum Frequency: Catch Basin/storm drain inlets within the project site will be cleaned out at least once per year, prior to the rainy season	
Storm Drain Stenciling	Minimum Frequency: Storm Drain inlet stenciling and signage will be inspected for legibility at least once per year. Any illegible stencils/signage will be replaced immediately.	
Deep Infiltration Drywell	Minimum Frequency: Deep Infiltration Drywell should be inspected at least twice a year, once before the rainy season and once after the rainy season. Maintenance should be performed in accordance with manufacturer specifications.	
Underground Storage	Minimum Frequency: Underground Storage facilities should be inspected at least twice a year, once before the rainy season and once after the rainy season. Maintenance should be performed in accordance with manufacturer specifications.	
Street Sweeping	Minimum Frequency: Street sweeping that reduces or prevents sediment and debris from entering receiving water completed monthly at a minimum and prior to the rainy season.	
Trash Pickup	Minimum Frequency: Loose trash and debris can be transported by water or wind into nearby inlets, channels, or receiving water. Trash should be picked up weekly.	

This Page Intentionally Left Blank

1650 SPRUCE STREET, STE 106
RIVERSIDE, CA 92507
951.787.9222
WWW.MIGCOM.COM

Project Memorandum

To: Alfonso Hernandez, The City of Downey

CC: --

From: Chris Dugan and William Deeman

Date: September 22, 2023

SUBJECT: Noise and Vibration Analysis for Townhome Community Residential Project at 7360 Foster Bridge Boulevard in Downey, CA

MIG, Inc. (MIG) has prepared this memorandum at the request of the City of Downey (City). This memorandum estimates the potential noise and vibration levels for the proposed 7360 Foster Bridge Boulevard Townhome Community Residential Project (proposed Project) and evaluates those noise and vibration levels against applicable standards established by the City. As explained in this memorandum, the proposed Project, with mitigation, would not generate temporary or permanent noise levels that would exceed the City's standards or otherwise result in a substantial increase in ambient noise levels, would not generate excessive groundborne vibration or groundborne noise levels, and would not expose people residing or working in the Project area to excessive aircraft noise levels.

PROJECT DESCRIPTION

The proposed Project involves the construction of a 33-unit residential townhome community in the City of Downey, California.

The approximately 1.3-acre Project site is located at 7360 Foster Bridge Boulevard. The site currently contains an existing church ("TLG I House"), which would be demolished as part of the Project. The proposed Project would include approximately 51,234 square feet of gross building space, 6,958 square feet of open space, and 27,000 square feet of impervious surfaces such as walkways, drive aisles, driveways, and parking spaces. Each dwelling unit would range from approximately 1,188 to 1,792 square feet. The site would contain approximately 66 garage stalls and 5 guest stalls. Refer to Attachment 1 for the Project's site plan (KTGY Group Inc, 2023)

The site is bordered by Foster Bridge Boulevard to the east, a self-storage facility to the west, single-family residential land use to the north, and Suva Street to the south. Single-family residential uses are located across Foster Bridge Boulevard. The site is located 0.9 miles west of the I-5 Freeway and 1.8 miles east of the I-710 Freeway. The nearest airport, Compton/Woodley Airport, is approximately 8.5 miles southwest of the Project site and the nearest school, Suva Elementary School, is approximately 0.2 miles northwest of the Project site.

The proposed Project would involve demolition of the existing building, site preparation, grading, building construction, paving, and architectural coating. Construction activities are assumed to begin in early-2024 and last approximately 12 months. The proposed Project's construction schedule and anticipated equipment usage is listed in Table 1, *Project Construction Activities*.

Table 1: Project Construction Activities		
Phase	**Duration (Working Days)**	**Typical Equipment Used**
Demolition	20	Dozer, Tractor/Loader/Backhoe, Concrete/Industrial Saw
Site Preparation	2	Grader, Dozer, Tractor/Loader/Backhoe
Grading	4	Grader, Dozer, Backhoe
Building Construction	200	Crane, Forklift, Backhoe, Generator, Welder
Paving	10	Paver, Roller, Paving Equipment
Architectural Coating	10	Air Compressor

The Project is expected to be operational in 2025. Once operational, the proposed Project would operate as a residential land use, similar to the existing residential uses in the area.

The following sections describe the ambient noise environment near the proposed Project and evaluate the proposed Project's potential to impact the existing noise environment near the Project. Please refer to Attachment 2 for background information on environmental noise and vibration, including commonly used terminology.

EXISTING NOISE ENVIRONMENT

The proposed Project is located in northern Downey, in an area classified and designated as Residential (R-1) by the City's Zoning Code and Low Density Residential by the Land Use Chapter of the City's General Plan. The City's General Plan identifies vehicular traffic, aircraft overflights, and trains as the dominant noise sources in the City (City of Downey, 2005).

Existing ambient noise levels in the Project area were measured on July 31, 2023 (see Attachment 3). Noise levels were measured with two Larson Davis Model LxT, Type 1, sound level meters. The meter's receiving microphone was set at a high of roughly five feet above ground level to approximate a human receptor. Conditions during the monitoring were mostly sunny with temperatures ranging from high 80s to 90s, with calm winds (0-5 mph).

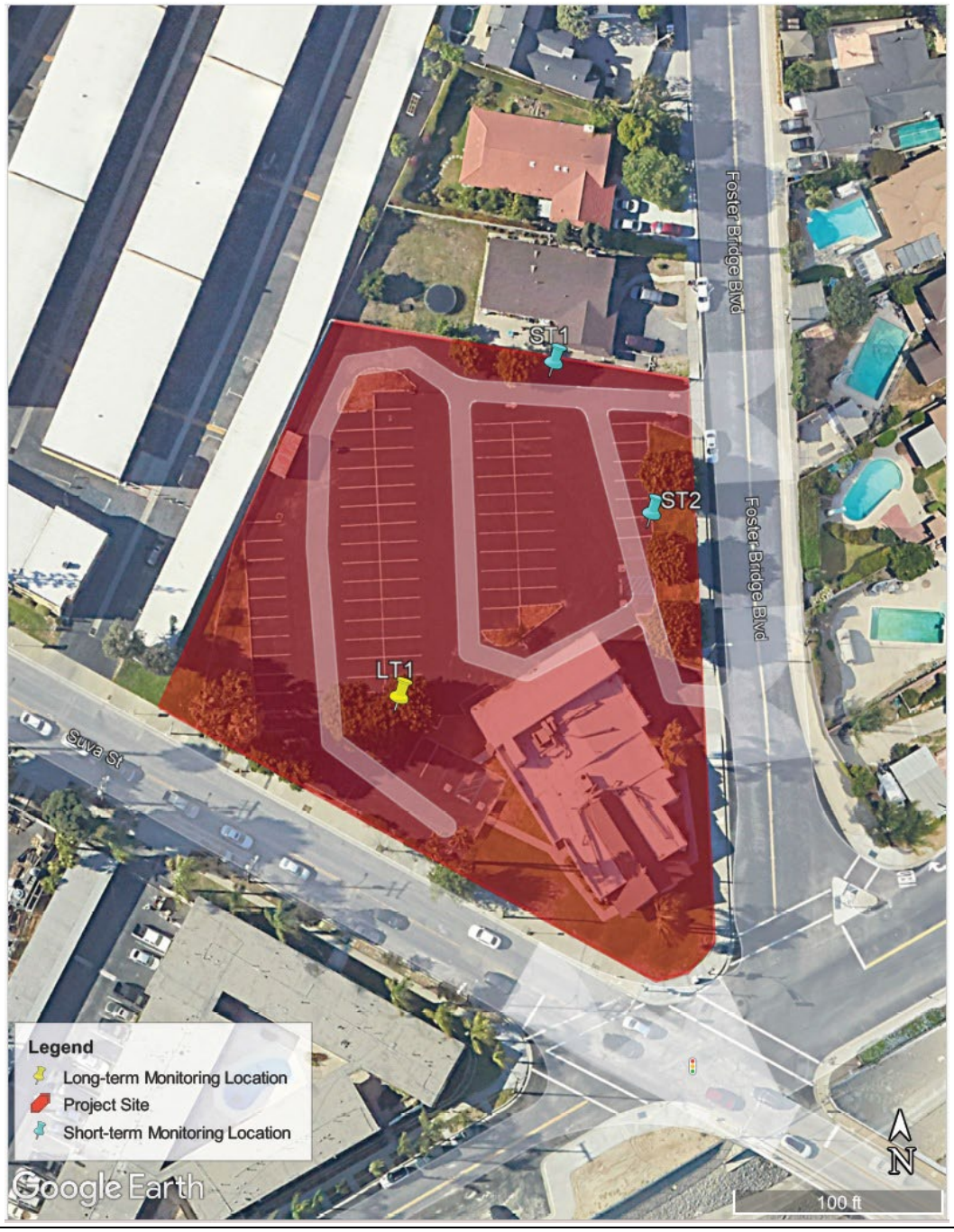
The ambient noise monitoring conducted included one (1) long-term (LT) and two (2) short-term (ST) measurement at locations selected to:

- Provide direct observations and measurements of existing noise sources at and in the vicinity of the proposed Project;
- Determine typical ambient noise levels at and in the vicinity of the proposed Project.

The ambient noise monitoring locations are described below and shown in Figure 1.

- Site LT-01 was located on the western side of the site, approximately 55 feet northeast of the southern property line along Suva Street.
- Site ST-01 was on the northern side of the site, approximately 7 feet from the property line adjacent to the single-family residence.
- Site ST-02 was on the eastern side of the site, approximately 22 feet from the property line along Foster Bridge Boulevard.

Figure 1: Ambient Noise Monitoring Sites



Based on observations made during the ambient noise monitoring, the existing noise environment in the Project vicinity consists primarily of vehicles on Foster Bridge Boulevard and Suva Street, overhead air traffic, construction power tools, and residential noises such as stereos and pedestrians. Table 2 and Table 3 summarize the results of the ambient noise monitoring for short-term and long-term, respectively, ambient noise levels.

Table 2: Summary of Measured Short-Term Ambient Noise Levels

Day/Site	Duration	Measured Noise Levels (dBA)					
		L_{eq}(A)	L_{min}(B)	L_{90}(C)	L_{50}(C)	$L_{8.3}$(C)	L_{max}(B)
Monday, July 31, 2023, 12:55 PM to 1:55 PM							
ST-01	1 hour	55.8	47.3	50.2	53.6	59.9	72.6
LT-01	1 hour	57.5	47.9	52.1	55.7	61.3	75.2
Monday, July 31, 2023, 1:58 PM to 2:58 PM							
ST-02	1 hour	58.9	48.1	52.9	56.6	63.2	79.6
LT-01	1 hour	57.4	47.8	52.0	56.0	61.0	69.6

Source: MIG (see Attachment 3)

(A) The L_{eq} value represents the equivalent steady-state noise level that would contain the same amount of acoustical energy as the time-varying noise level during the listed period.

(B) The L_{min} and L_{max} represent the lowest and highest instantaneous noise levels measured during the listed period, respectively.

(C) Values represent the noise level exceed a certain percentage of the period, e.g., L_{90} is the noise level that was exceeded 90% of the time for the listed period.

Table 3: Summary of Measured Long-Term Ambient Noise Levels (dBA)

Day/Site	Duration	Measured Range in Hourly Noise Levels (dBA L_{eq})(A)			Calculated CNEL(B)
		Daytime (7 AM to 7 PM)	Evening (7 PM to 10 PM)	Nighttime (10 PM to 7 AM)	
Monday, July 31, 2023, to Tuesday, August 1, 2023					
LT-01	23.5 hours	56.8 – 59.6	55.4 – 56.1	47.1 – 57.2	60.9

Source: MIG (see Attachment 3)

(A) Values are the lowest and highest measured average hourly values during the listed time.

(B) The 24-hour CNEL value is calculated by applying a 5 dB penalty to measured evening noise levels and a 10 dB penalty to measured nighttime noise levels. The CNEL is calculated for the following period: 12:33 PM on Monday, July 31, 2023, to 12:00 PM on Tuesday, August 1, 2023.

As shown in Table 2 and Table 3, typical ambient noise levels at the Project site ranged from approximately 55 to 60 dBA during the daytime and 47 to 57 dBA during the evening and nighttime.

The Project site is not located within any airport planning boundaries. The closest public or private airport facility, Whitter Air Strip, is located approximately 6.5 miles northeast of the Project site.

NOISE AND VIBRATION ANALYSIS

The proposed Project would generate noise during construction and operation of the proposed facilities. The following analysis evaluates if the Project would:

- Generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the Project in excess of the standards established in:
    - City of Downey Municipal Code Section 4606.3 (Maximum Permissible Noise Levels by Sound Sources Across Property Boundaries) or Section 4606.5 (Construction Projects); or
    - The City of Downey General Plan; or
- Generate excessive groundborne vibration or groundborne noise levels; or
- Expose people residing or working in the Project area to excessive airport-related noise levels.

With regard to item a), the City's Municipal Code and General Plan Safety Element establish the following standards applicable to construction noise, operational noise, and noise/land use compatibility.

- *Construction Noise*: Municipal Code Section 4606.5 exempts construction, repair or remodeling equipment and devices and other related construction noise sources shall be exempted from the provisions of this chapter provided a valid permit for such construction, repair, or remodeling shall have been obtained from the City. In any circumstance other than emergency work, no repair or remodeling shall take place between the hours of 9:00 p.m. of one day and 7:00 a.m. of the following day, and no repair or remodeling shall exceed eighty-five (85) db(A) across any property boundary at any time during the course of a twenty-four (24) hour day.
- *Operational Noise:* Municipal Code Section 4606.3 Subsection (b) states that if the alleged noise source is of a continuous nature and cannot reasonably be discontinued for a time period wherein the ambient noise level can be determined, the maximum permissible steady noise level by sound sources across the property boundary of any land use cited below may be less, but not greater than (for residential land use):
    - Daytime (7:00 AM – 10:00 PM): 55 dBA L_{eq}
    - Nighttime (10:00 PM – 7:00 AM): 45 dBA L_{eq}

    Municipal Code Section 4606.3 adjusts these standards in the hours between 7:00 a.m. to 10:00 p.m., the noise levels permitted in Subsection (b) of this section may be adjusted by the inclusion of the following factors when applicable:
    - Noise source operated 12 minutes per hour or less + 5 db(A)
    - Noise source operated 3 minutes per hour or less + 10 db(A)
    - Noise source operated 1 minute per hour or less + 15 db(A)
- *Noise/Land Use Compatibility*: The City's General Plan Noise Chapter establishes a noise land use compatibility goal for residential uses of 60 CNEL.

Increases in Ambient Noise Levels in Excess of Applicable Standards

Project Construction

The proposed Project involves construction activities including demolition, site preparation, grading, building construction, paving and architectural coating in an existing residential area of the City. Construction activities are anticipated to begin early-2024 and may last approximately 12 months in total. In general, construction activities would involve the use of worker vehicles, delivery trucks, dump trucks, and heavy-duty construction equipment such as (but not limited to) backhoes, tractors, loaders, graders, excavators, rollers, cranes, material lifts, generators, and air compressors. These types of construction activities would generate noise and vibration from the following sources:

- Heavy equipment operations at different work areas. Some heavy equipment would consist of mobile equipment such as a loader and excavator that would move around work areas; other equipment would consist of stationary equipment (e.g., cranes or material hoists/lifts) that would generally operate in a fixed location until work activities are complete. Heavy equipment generates noise from engine operation, mechanical systems, and components (e.g., fans, gears, propulsion of wheels or tracks), and other sources such as back-up alarms. Mobile equipment generally operates at different loads, or power outputs, and produces higher or lower noise levels depending on the operating load. Stationary equipment generally operates at a steady power output that produces a constant noise level.
- Vehicle trips, including worker, vendor, and haul truck trips. These trips would occur on South Alhambra Avenue and other local roads used to access the site.

Typical construction equipment noise levels at different distances are shown in Table 4. With regard to construction noise, demolition, site preparation, and grading phases typically result in the highest temporary noise levels due to the use of heavy-duty equipment such as dozers, excavators, graders, loaders, and trucks. Construction noise impacts generally occur when construction activities occur in areas immediately adjoining noise sensitive land uses, during noise sensitive times of the day, or when construction durations last over extended periods of time.

Construction activities associated with the proposed Project would last approximately 12 months. Construction activities would occur in close proximity to the adjacent residential property north of the Project site and to the residential properties east of the site across Foster Bridge Boulevard. As shown in Table 4, worst case hourly L_{eq} and L_{max} construction equipment noise levels are predicted to be approximately 83 dBA L_{eq} and 90 dBA dBA L_{max}, respectively, at 50 feet; however, the magnitude of the Project's temporary and periodic increase in ambient noise levels would depend on the nature of the construction activity (i.e., demolition, building construction, grading) and the distance between the construction activity and sensitive receptors/outdoor use areas. Sensitive residential receptors could be within 25 feet of work areas for short periods of time (e.g., site grading along the property boundary), at which distance construction equipment may reach 89 dBA L_{eq}. Project construction in the middle of the site would be at least 100 feet from sensitive receptors to the north and east. At this distance (100 feet), equipment could reach 77 dBA L_{eq}. The concurrent operation of a dozer, backhoe, and delivery truck at the same time and in the same general area could produce a combined noise level of approximately 80 dBA L_{eq} on a short-term basis (less than an hour) at 100 feet.

Table 4: Potential Project Construction Equipment Noise Levels

Typical Equipment	Noise Level at 50 feet (L_{max})(A)	Percent Usage Factor(B)	Predicted Equipment Noise Levels (L_{eq})(C)						
			25 Feet	50 Feet	75 Feet	100 Feet	150 Feet	200 Feet	250 Feet
Bulldozer	85	40	87	81	77	75	71	69	67
Backhoe	80	40	82	76	72	70	66	64	62
Compact Roller	80	20	79	73	69	67	63	61	59
Concrete Mixer	85	40	87	81	77	75	71	69	67
Concrete Saw	90	20	89	83	79	77	73	71	69
Crane	85	16	83	77	74	71	67	65	63
Delivery Truck	84	40	86	80	76	74	70	68	66
Generator	82	50	85	79	75	73	69	67	65
Grader	85	40	87	81	77	75	71	69	67
Paver	85	50	88	82	78	76	72	70	68

Sources: Caltrans, 2013 and FHWA, 2010.

(A) L_{max} noise levels based on manufacturer's specifications.

(B) Usage factor refers to the amount (percent) of time the equipment produces noise over the time period

(C) Estimate does not account for any atmospheric or ground attenuation factors. Calculated noise levels based on Caltrans, 2013: L_{eq} (hourly) = L_{max} at 50 feet – 20log (D/50) + 10log (UF), where: L_{max} = reference L_{max} from manufacturer or other source; D = distance of interest; UF = usage fraction or fraction of time period of interest equipment is in use.

Although Project construction may temporarily increase noise levels near the site, it is not anticipated to result in physical harm (e.g., temporary or permanent hearing loss or damage) to any sensitive noise receptor because receptors would not be continuously exposed to elevated construction noise levels (i.e., noise levels would return to ambient conditions when construction ceases for the day) and the construction noise levels presented above are exterior noise levels, whereas receptors would be likely to be inside buildings. Typical residential and commercial construction in California typically provides at least 12 dBA of exterior to interior noise attenuation with windows open and 20 dBA of exterior to interior noise attenuation with windows closed[1]. Physiological effects occur when the human ear is subjected to prolonged exposure to high noise environments. For example, to protect workers from noise-induced hearing loss, the U.S. Occupational Safety and Health Administration (OSHA) limits worker noise exposure to 90 dBA as averaged over an 8-hour time period (29 CFR 1910.95). Similarly, the National Institute for Occupational Safety and Health (NIOSH) recommends workers limit noise exposure to no more than 85 dBA over an 8-hour period to protect against noise-induced hearing loss (NIOSH, 1998). As shown in Table 4, potential worst-case hourly noise level estimates for any single piece of equipment would be approximately 89 dBA L_{eq} at 25 feet and 77 dBA L_{eq} at 100 feet.

[1] The U.S. Department of Housing and Urban Development (HUD) Noise Guidebook and supplement (2009a, 2009b) includes information on noise attenuation provided by building materials and different construction techniques. As a reference, a standard exterior wall consisting of 5/8-inch siding, wall sheathing, fiberglass insulation, two by four wall studs on 16-inch centers, and 1/2-inch gypsum wall board with single strength windows provides approximately 35 dBs of attenuation between exterior and interior noise levels, provided windows do not occupy more than 30% of the exterior wall space.

Although hourly construction noise levels may approach 89 dBA L_{eq} for one or two hours, such noise levels would not be sustained over an 8-hour period (due to movement of equipment and changes in operations that occur during daily construction activities). Therefore, at worst-case, noise from construction activities may pose a temporary interference or annoyance effect on nearby sensitive receptors but would not result in adverse physiological effects on human receptors in the surrounding area.

The City's Municipal Code (Section 4606.5) limits construction activities to the hours of 7 AM to 9 PM and establishes that construction noise shall not exceed 85 dBA across any property boundary at any time of day. As discussed above, the Project's potential construction noise levels would range from approximately 77 dBA L_{eq} to 89 dBA L_{eq} depending on the specific equipment in use and the distance between the equipment and adjacent residential properties. Since the proposed Project has the potential to exceed the City's construction noise limit, MIG recommends Mitigation Measure NOI-1 be incorporated into the Project:

Mitigation Measure NOI-1: Reduce Potential Project Construction Noise Levels

To reduce potential noise levels from Project construction activities, the Applicant shall:

1) *Notify Residential Land Uses of Planned Construction Activities.* This notice shall be provided at least two (2) weeks prior to the start of any construction activities, describe the noise control measures to be implemented by the Project, and include the name and phone number of the designated contact for the Applicant/Project representative and the City of Downey responsible for handling construction-related noise complaints (per #5 below). This notice shall be provided to the owner/occupants of residential dwelling units within 250 feet of construction work areas.
2) *Restrict Work Hours:* All construction-related work activities, including material deliveries, shall be subject to the requirements of City Municipal Code Section 4606.5. Construction activities, including deliveries, shall occur only during the hours of 7 AM to 9 PM. The Applicant/Project representative and/or its contractor shall post a sign at all entrances to the construction site information contractors, subcontractors, other workers, etc. of this requirement.
3) *Construction Equipment Selection, Use, and Noise Control Measures*: The following measures shall apply to construction equipment used at the Project site:
    a. Contractors shall use the smallest size equipment capable of safely completing work activities.
    b. Construction staging shall occur as far away from residential land uses as possible given site and active work constraints.
    c. Electric hook-ups shall be provided for stationary equipment (e.g., pumps, compressors, welding sets). If it is not feasible to provide an electric hook-up, the Applicant shall ensure mitigation measures 3a and 3d are implemented.
    d. All stationary noise generating equipment shall be shielded and located as far as possible from residential land uses given site and active work constraints. Shielding may consist of existing vacant structures or a three-or four-sided enclosure provided the structure/enclosure breaks the line of sight between the equipment and the receptor and provides for proper ventilation and equipment operation.
    e. Heavy equipment engines shall be equipped with standard noise suppression devices such as mufflers, engine covers, and engine/mechanical isolators, mounts, and be maintained in accordance with manufacturer's recommendations during active construction activities.

f. Pneumatic tools shall include a suppression device on the compressed air exhaust.
g. No radios or other amplified sound devices shall be audible beyond the property line of the construction site.

4) *Implement Construction Activity Noise Control Measures:* The following measures shall apply to Project construction activities:
    a. Demolition: Activities shall be sequenced to take advantage of existing shielding/noise reduction provided by existing buildings or parts of buildings and methods that minimize noise and vibration, such as sawing concrete blocks, prohibiting on-site hydraulic breakers, crushing or other pulverization activities, shall be employed during Project construction.
    b. Demolition, Site Preparation, Grading, and Foundation Work: During all demolition, site preparation, grading, and structure foundation work activities, a physical noise barrier shall be installed and maintained around the northern portion of the site perimeter adjacent to the residential land use to the maximum extent feasible given site constraints and access requirements. The noise barrier shall extend to a height of eight (8) feet above grade. Potential barrier options capable of reducing construction noise levels could include, but are not limited to:
        i. A concrete, wood, or other barrier installed at-grade (or mounted to structures located at-grade, such as a K-Rail), and consisting of a solid material (i.e., free of openings or gaps other than weep holes) that has a minimum rated transmission loss value of 20 dB.
        ii. Commercially available acoustic panels or other products such as acoustic barrier blankets that have a minimum sound transmission class (STC) or transmission loss value of 20 dB.
        iii. Any combination of noise barriers and commercial products capable of achieving required construction noise reductions during demolition, site preparation, grading, and structure foundation work activities.
        iv. The noise barrier may be removed following the completion of building foundation work (i.e., it is not necessary once framing and typical vertical building construction begins provided no other grading, foundation, etc. work is still occurring on-site).

5) *Prepare a Construction Noise Complaint Plan:* The Applicant shall prepare a Construction Noise Complaint Plan that shall:
    a. Identify the name and/or title and contact information (including phone number and email) for a designated Project and City representative responsible for addressing construction-related noise issues.
    b. Includes procedures describing how the designated Project representative will receive, respond, and resolve construction noise complaints.
    c. At a minimum, upon receipt of a noise complaint, the Project representative shall notify the City contact, identify the noise source generating the complaint, determine the cause of the complaint, and take steps to resolve the complaint.

Mitigation Measure NOI-1 would provide advanced notice of construction activities to surrounding residential properties, limit construction hours per City Municipal Code requirements, limit noise from stationary and other construction equipment, and reduce temporary construction noise impacts by a minimum of 5 to 10 dBs, which would lower the Project's potential construction noise levels at nearby residential property lines to less than 85 dBA L_{eq} as required by the City's Municipal Code. The proposed Project would comply with the

City's applicable construction noise control provisions and implement other mitigation measures to reduce the potential for Project construction activities to result in a substantial temporary increase in ambient noise levels. With Mitigation Measure NOI-1, temporary construction noise levels would be rendered a less-than-significant impact.

Project Operation (On-Site Noise Sources)

The Project site and surrounding properties to the north, east, south, and west are all designated Residential (R-1, 6,000 square feet minimum lot size) by the City's zoning code. Municipal Code Section 4606.3 establishes the maximum permissible noise level that may intrude into adjacent property lines. The code establishes maximum permissible noise levels for residential land uses of 55 dBA L_{eq} for daytime hours (7:00 AM to 10:00 PM) and 45 dBA L_{eq} for nighttime hours (10:00 PM – 7:00 AM). The existing daytime ambient noise levels at the Project site ranged from 55.8 to 58.9 dBA L_{eq}, which is above the City's permissible daytime noise levels (55 dBA L_{eq}). Nighttime (10 PM to 7 AM) ambient noise levels ranged from 47.2 to 57.2 dBA, which is above the City's permissible nighttime noise level (45 dBA L_{eq}).

The existing residential land uses at and near the site generate noise from vehicle parking activities, waste collection activities, landscaping activities, stationary heating, ventilation, and air conditioning (HVAC) equipment, and other religious service and education activities (e.g., community masses, after-school gatherings, etc.). The proposed Project would involve similar noise generating sources and activities as the existing land uses; however, the amount of mechanical equipment and the intensity of parking would be greater than existing land uses at the site. Although the proposed Project could increase the amount of noise sources and noise-generating activities compared to existing conditions, the Project would have a limited potential to generate significant on-site noise levels. In general, residential land uses (including the proposed multi-family townhome land uses) are not a substantial noise-generating land use because they do not involve substantial noise-generating activities during the nighttime, mechanical equipment associated with garage door openers, residential amenities, and other building systems are typically enclosed within closets, sheds, and/or equipment rooms, and HVAC equipment is typically screened from public view by landscaping, fences, or walls and, therefore, shielded from adjacent property lines.

Once constructed, the proposed Project's primary on-site noise generating activities will be parking, human activity, and HVAC equipment. The site design indicates each unit would have two garage parking spaces. Circulation on-site would provide access to Foster Bridge Boulevard on the northeastern part of the site and Suva Street on the south part of the site. On-site vehicle travel would occur at very low speeds and thus would not produce significantly high noise levels.

The Project's small ground level HVAC units would be rated to condition individual townhome spaces that would be approximately 1,100 to 1,800 square feet in size. Small, individual residential HVAC units can produce a noise level up to 75 dBA at a distance of 3 feet. These HVAC units would be approximately 6 feet, at the closest, from the eastern and western property lines. The Project would also include a six-foot-tall concrete masonry unit wall along the western and northern perimeter. Based on distance and the six-foot barrier, uncontrolled HVAC noise levels would be approximately 11 dBA lower due to attenuation at the adjacent commercial property line on the western part of the site, which would reduce HVAC noise to levels be below the City's noise limit of 65 dBA for commercial land uses. The Project would not include any HVAC units facing the northern property line. Nonetheless the six-foot barrier would provide approximately 5 dBA of noise attenuation for this receptor. Residential land uses to the east of the Project site are at least 50 feet from any HVAC units facing the eastern side of the site and also contain a six-foot-tall perimeter wall that would limit HVAC noise transmission into

these properties. In addition, HVAC equipment does not operate continuously and would not affect ambient noise levels when the equipment is not in use. For these reasons, potential HVAC equipment would not generate noise levels in excess of the City's 45 dBA L_{eq} nighttime noise standard at any shared residential property line, or otherwise result in a substantial permanent increase in ambient noise levels in the vicinity of the Project.

The proposed Project would also include an approximately 192 square foot pet station open area in the northwestern portion of the site. This area would be shielded by the six-foot barrier along the western and northern sections of the site perimeter, providing approximately 5 dBA of noise attenuation for the adjacent residential receptor to the north of the site. This area would generate similar noise levels to other nearby existing residential land uses, and thus would not substantially increase ambient noise levels in the vicinity of the Project.

For the reasons outlined above, the proposed Project would not generate on-site noise levels that exceed City standards or otherwise result in a substantial permanent increase in ambient noise levels in the vicinity of the Project. This impact would be less than significant.

Project Operation (Off-Site Vehicle Trip Noise)

The Project Traffic and Circulation Analysis Scoping Agreement prepared for the proposed Project identifies that the proposed Project is estimated to result in a net increase of 158 daily vehicle trips (Ganddini Group, 2023). In general, it takes a doubling of traffic to increase traffic noise volumes by 3 dBA (Caltrans, 2013). Although the current average daily traffic volume on Foster Bridge Boulevard is not known, the area surrounding the Project site is developed with residential land uses and traffic volumes on Foster Bridge Boulevard and other roadways used to access the Project site are assumed to be at least 1,000 vehicle trips per day. The addition of 158 passenger cars to the roadway system would not result in a doubling of traffic on any roadway segment at or in the vicinity of the Project site and, therefore, would result in a less than 3 dBA increase in noise levels on local roads used to access the Project site. The proposed Project, therefore, would not result in a substantial, permanent increase in noise levels along the roadways used to access the proposed Project as compared to existing or future conditions. This impact would be less than significant.

Other Planning Considerations (Noise / Land Use Compatibility)

The California Supreme Court in *California Building Industry Association v. Bay Area Air Quality Management District*, 62 Cal.4th 369 (2015) ruled that CEQA review is focused on a project's impact on the environment "and not the environment's impact on the project." Per this ruling, a Lead Agency is not required to analyze how existing conditions might impact a project's existing or future population except where specifically required by CEQA; however, a Lead Agency may elect to disclose information relevant to a project even if it not is considered an impact under CEQA. Furthermore, the City's General Plan sets noise standards for receiving land uses which require evaluation for consistency and compliance even if such evaluation is not required by CEQA to be identified as a physical impact of a project.

The City's General Plan Noise Chapter establishes a noise and land use compatibility goal for residential uses of 60 dBA CNEL. Noise monitoring conducted at the Project site (see Table 2 and Table 3) indicates daytime hourly ambient noise levels at the site ranged from approximately 55 to 60 dBA L_{eq}. The long-term ambient noise data (see Table 3) indicated a CNEL of 60.9 dBA, which would exceed the City's General Plan acceptable noise levels for residential land use. However, the proposed Project would have noise levels less than 70 dBA, which is within the conditionally acceptable range for a residential land use. The City's General Plan Noise Chapter states that in order for new construction or development to be conditionally acceptable, noise insulation features such as conventional construction with closed windows

and fresh air supply systems or air conditioning need to be included in the design. As mentioned previously, the proposed Project would include HVAC units for each individual townhome space. Typical building construction provides an exterior-to-interior noise reduction of approximately 12 dBA with windows open and approximately 20 dBA with windows closed. [2] With windows closed, interior noise levels would be approximately 40.9 dBA, which is less than the interior acceptable noise level (45 dBA) for residential land use. Daily noise exposure at the Project is, therefore, considered to be within the City's noise and land use compatibility conditionally acceptable level of 70 CNEL. In addition, interior noise exposure would be less than 45 CNEL with windows closed and use of the Project's HVAC system. Therefore, the proposed Project is considered compatible with the exterior ambient noise environment in the Project area and no exterior or interior noise design features are required for the Project.

Groundborne Vibration

Vibration is the movement of particles within a medium or object such as the ground or a building. Vibration sources are usually characterized as continuous, such as factory machinery, or transient, such as explosions. As is the case with airborne sound, groundborne vibrations may be described by amplitude and frequency; however, unlike airborne sound, there is no standard way of measuring and reporting amplitude. Vibration amplitudes can be expressed in terms of velocity (inches per second) or discussed in dB units in order to compress the range of numbers required to describe vibration. Vibration impacts to buildings are usually discussed in terms of peak particle velocity (PPV) in inches per second (in/sec). PPV represents the maximum instantaneous positive or negative peak of a vibration signal and is most appropriate for evaluating the potential for building damage. Vibration can impact people, structures, and sensitive equipment. The primary concern related to vibration and people is the potential to annoy those working and residing in the area. Vibration with high enough amplitudes can damage structures (such as crack plaster or destroy windows). Groundborne vibration can also disrupt the use of sensitive medical and scientific instruments, such as electron microscopes. Groundborne noise is noise generated by vibrating building surfaces such as floors, walls, and ceilings that radiate noise inside buildings subjected to an external source of vibration. The vibration level, the acoustic radiation of the vibrating element, and the acoustical absorption of the room are all factors that affect potential groundborne noise generation.

Caltrans' Transportation and Construction Vibration Guidance Manual provides a summary of vibration human responses and structural damage criteria that have been reported by researchers, organizations, and governmental agencies (Caltrans, 2020). These thresholds are summarized in Table 5 and Table 6.

[2] The U.S. Department of Housing and Urban Development (HUD) Noise Guidebook and supplement (2009a, 2009b) includes information on noise attenuation provided by building materials and different construction techniques. As a reference, a standard exterior wall consisting of 5/8-inch siding, wall sheathing, fiberglass insulation, two by four wall studs on 16-inch centers, and 1/2-inch gypsum wall board with single strength windows provides approximately 35 dBs of attenuation between exterior and interior noise levels. Increasing window space may also decrease attenuation, with a reduction of 10 dBs possible if windows occupy 30% of the exterior wall façade.

Table 5: Caltrans' Vibration Threshold Criteria for Building Damage		
Structural Integrity	**Maximum PPV (in/sec)**	
	Transient	**Continuous**
Historic and some older buildings	0.50	0.12 to 0.2
Older residential structures	0.50	0.30
New residential structures	1.00	0.50
Modern industrial and commercial structures	2.00	0.50
Source: Caltrans, 2020		

Table 6: Caltrans' Vibration Threshold Criteria for Human Response		
Human Response	**Maximum PPV (in/sec)**	
	Transient	**Continuous**
Slightly perceptible	0.035	0.012
Distinctly perceptible	0.24	0.035
Strongly perceptible	0.90	0.10
Severe/Disturbing	2.0	0.7 (at 2 Hz) to 0.17 (at 20 Hz)
Very disturbing	--	3.6 (at 2 Hz) to 0.4 (at 20 Hz)
Source: Caltrans, 2020		

Construction activities have the potential to result in varying degrees of ground vibration, depending on the specific construction equipment used and activities involved. Vibration generated by construction equipment spreads through the ground and diminishes with increases in distance. The effects of ground vibration may be imperceptible at low levels, result in low rumbling sounds and detectable vibrations at moderate levels, and can disturb human activities such as sleep and vibration sensitive equipment at high levels. Ground vibration can also potentially damage the foundations and exteriors of existing structures even if it does not result in a negative human response. Pile drivers and other pieces of high impact construction equipment are generally the primary cause of construction-related vibration impacts. The use of such equipment is generally limited to sites where there are extensive layers of very hard materials (e.g., compacted soils, bedrock) that must be loosened and/or penetrated to achieve grading and foundation design requirements. The need for such methods is usually determined through site-specific geotechnical investigations that identify the subsurface materials within the grading envelope, along with foundation design recommendations and the construction methods needed to safely permit development of a site. Pile driving equipment is not anticipated to be required at the proposed Project site.

Construction vibration impacts generally occur when construction activities occur in close proximity to buildings and vibration-sensitive areas, during evening or nighttime hours, or when construction activities last extended periods of time. Although potential heavy equipment operations at the site for all demolition, site preparation, grading, and paving activities would not last more than approximately 20 days, construction activities would occur in close proximity to adjacent residential properties. The ground-borne vibration levels generated by the type of equipment that would be used to construct the proposed Project are shown in Table 7.

Table 7: Potential Project Construction Vibration Levels				
Equipment	**Peak Particle Velocity (in/sec) (A)**			
	25 feet	**50 feet**	**100 feet**	**200 feet**
Small bulldozer	0.003	0.001	0.001	0.000
Jackhammer	0.035	0.016	0.008	0.004
Loaded truck	0.076	0.035	0.017	0.008
Large bulldozer	0.089	0.042	0.019	0.009
Vibratory Roller	0.21	0.098	0.046	0.021

Sources: Caltrans, 2020 and FTA, 2018

(A) Estimated PPV calculated as: PPV(D)=PPV(ref)*(25/D)^1.1 where PPV(D)= Estimated PPV at distance; PPVref= Reference PPV at 25 ft; D= Distance from equipment to receiver; and n= ground attenuation rate (1.1 for dense compacted hard soils).

As shown in Table 7, the vibration levels associated with typical construction equipment are dependent on the type of equipment used. For structural damage, the use of typical equipment during construction activities (e.g., bulldozer, jack hammer, trucks etc.) would produce PPV levels up to 0.098 in/sec at 50 feet. These PPV values are well below Caltrans' guidelines standards for potential structural damage for the types of buildings in and adjacent to the Plan Area, which consist of modern residential structures (0.5 PPV for continuous vibration sources; see Table 5). For human annoyance and interference responses, the use of typical equipment (e.g., bulldozer, jack hammer, trucks, etc.) during construction could produce vibration levels near the Project site (within 50 feet) that exceed Caltrans' perceptible vibration detection threshold (0.012 PPV, see Table 6). Specific vibration-generating equipment, such as vibratory rollers which may be used during paving activities, could produce vibration levels at 50 feet that would be more pronounced and perceptible but still far below Caltrans' guidelines for structural damage to modern residential structures (0.50 PPV for continuous vibration sources).

The above vibration estimates represent potential vibration levels based on typical equipment operations and assume there is no change in elevation between work areas and receptor locations and no change in subsurface conditions that may affect vibration transmission through soil media and structures. As discussed above, the proposed Project does not have the potential to result in structural damage to buildings near work areas; however, construction-related groundborne vibrations have the potential to be perceptible at buildings within approximately 200 feet of typical construction work areas and 400 feet of construction work areas involving a vibratory roller. Although some vibration associated with construction activities may be felt by nearby residential properties that surround the site, this potential vibration effect would not be excessive because it would occur during daytime hours only (when residential properties would be less sensitive to perceived vibrations, be infrequent (occurring only when equipment is in full operation, not idling or in low power modes), be intermittent (equipment would not operate in the same location every day and would move around the site so that properties are not exposed to continuous peak vibration levels), and would not damage buildings or structures at any point. For these reasons, Project construction activities would not generate excessive groundborne vibration or noise levels. This impact would be less than significant.

Once operational, the proposed Project would not have any large equipment that would generate vibration. This impact would be less than significant.

Airport-Related Noise

The proposed Project is not located within two miles of any public or private airport or within an airport land use plan. The closest airport facility, Compton/Woodley Airport, is located approximately 8.5 miles southwest of the Project site. Due to proximity of the nearest airport or airstrip, the proposed Project would not expose people working in or visiting the Project area to excessive airport-related noise levels.

CONCLUSION

As described in this memo, the proposed Project would not generate temporary or permanent noise levels that would exceed the City's standards or otherwise result in a substantial increase in ambient noise levels with the incorporation of mitigation measures, would not generate excessive groundborne vibration or groundborne noise levels, and would not expose people residing or working in the Project area to excessive aircraft noise levels. The proposed Project, therefore, would not result in a substantial, adverse noise-related effect on the environment.

REFERENCES

The following references were used to prepare this memorandum:

California Department of Transportation (Caltrans) 2013. Technical Noise Supplement to the Traffic Noise Analysis Protocol. Sacramento, California. September 2013.

_____2020. Transportation and Construction Vibration Guidance Manual. Sacramento, California. April 2020.

City of Downey. 2005. General Plan Vision 2005. Adopted January 25, 2005.

Ganddini Group. 2023. 7360 Foster Bridge Residential Project Traffic and Circulation Analysis Scoping Agreement. August 9, 2023.

KTGY Group Inc, 2023. Downey Foster Bridge & Bluff. Conceptual Site Plan.

U.S. Federal Highway Administration (FHWA) 2010. "Construction Noise Handbook, Chapter 9 Construction Equipment Noise Levels and Ranges: <https://www.fhwa.dot.gov/environment/noise/construction_noise/handbook/handbook00.cfm>

U.S. Federal Transit Administration (FTA) 2018. *Transit Noise and Vibration Impact Assessment Manual*. FTA Report No. 0123. Prepared by John A. Volpe National Transportation Systems Center. Washington, DC. September 2018.

U.S. HUD. 2009a.HUD Noise Guidebook. Prepared by the Environmental Planning Division, Office of Environment and Energy. March 2009.

_____2009b. HUD Noise Guidebook, Chapter 4 Supplement: Sound Transmission Class Guidance. Prepared by the Environmental Planning Division, Office of Environment and Energy. March 2009.

Attachment 1

Project Site Plan

This page was intentionally left blank.

SITE SUMMARY
APN 6358-015-058
Address 7360 Foster Bridge Blvd
City Downey, CA
County Los Angeles County
oning R-1 6000
General Plan Designation Low Density Residential

R-3-O DEVELOPMENT STANDARDS
Max Density 1815s unit 24 du ac or lots greater than 15,000s
Coverage 50
Max Bldg Height 3 stories 35' max
Set acks
Front Yard 15'
Side Yard 5' 10' i a uts R-1 one
Street Side 7.5'
Rear Yard Min. Set acks
R-1 one - twenty eet 20 or a one 1 story uilding, thirty eet 30 or a two 2 story uilding, and orty-six eet 46 or a three story uilding.

A uts a ully dedicated pu lic alley - no set ack re uired or a one 1 story uilding, ten eet 10 or a two 2 story uilding, and twenty-six eet 26 or a three 3 story uilding.

A uts another R-3 one - ten eet 10 or a one 1 story uilding, i teen eet 15 or a two 2 story uilding, and twenty eet 20 or a three 3 story uilding.

Min Distance Between Bldgs 10'
Min Usa le OS 200s unit min. 15' dim
Parking 2.5 sp unit
Min Parking Dims 10'x20'

State Density Bonus Parking Standards
2 d 1.5 sp unit
3 d 1.5 sp unit
4 d 2.5 sp unit

SITE SUMMARY

Site Area 1.3 ac 55,961s

Units
3 units - Plan 1 1188s - 3 d 3 a, tandem new narrow interlock
2 units - Plan 2alt 1477s - 3 ed 3 a, tandem stand alone 16' plan type
10 units - Plan 2 1477s - 3 ed 3 a, tandem typ. interlock
5 units - Plan 3 1600s - 3 ed 2.5 a lex, sxs 35' deep
10 units - Plan 4 1657s - 3 ed lex 3.5 a, sxs typ. interlock
3 units - Plan 5 1792s - 3 ed lex 3.5 a, sxs new narrow interlock
33 units - Total

Density 25.4 du ac

Parking Provided
66 spaces - Garages
5 spaces - Guest
71 spaces - Total

Open Space Provided See Landscape Dwg. Sheet L-4

ktgy
Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

DOWNEY - FOSTER BRIDGE & BLUFF
DOWNEY, CA # 22-0925

CONCEPTUAL SITE PLAN
March 14, 2023

0 15 30 60

A1.0

This page was intentionally left blank.

Attachment 2

Noise Background

This page was intentionally left blank.

ENVIRONMENTAL NOISE BACKGROUND

Noise may be defined as loud, unpleasant, or unwanted sound. The frequency (pitch), amplitude (intensity or loudness), and duration of noise all contribute to the effect on a listener, or receptor, and whether the receptor perceives the noise as objectionable, disturbing, or annoying.

The Decibel Scale (dB)

The decibel scale (dB) is a unit of measurement that indicates the relative amplitude of a sound. Sound levels in dB are calculated on a logarithmic basis. An increase of 10 dB represents a tenfold increase in acoustic energy, while 20 dBs is 100 times more intense, 30 dBs is 1,000 more intense, and so on. In general, there is a relationship between the subjective noisiness, or loudness of a sound, and its amplitude, or intensity, with each 10 dB increase in sound level perceived as approximately a doubling of loudness. Due to the logarithmic basis, decibels cannot be directly added or subtracted together using common arithmetic operations:

$$50\ decibels + 50\ decibels\ \neq 100\ decibels$$

Instead, the combined sound level from two or more sources must be combined logarithmically. For example, if one noise source produces a sound power level of 50 dBA, two of the same sources would combine to produce 53 dB as shown below.

$$10 * \ 10\ log\left(10^{\left(\frac{50}{10}\right)} + \ 10^{\left(\frac{50}{10}\right)}\right) = 53\ decibels$$

In general, when one source is 10 dB higher than another source, the quieter source does not add to the sound levels produced by the louder source because the louder source contains ten times more sound energy than the quieter source.

Sound Characterization

There are several methods of characterizing sound. The most common method is the “A-weighted sound level,” or dBA. This scale gives greater weight to the frequencies of sound to which the human ear is typically most sensitive. Thus, most environmental measurements are reported in dBA, meaning decibels on the A-scale.

Human hearing matches the logarithmic A-weighted scale, so that a sound of 60 dBA is perceived as twice as loud as a sound of 50 dBA. In a quiet environment, an increase of 3 dB is usually perceptible, however, in a complex noise environment such as along a busy street, a noise increase of less than 3 dB is usually not perceptible, and an increase of 5 dB is usually perceptible. Normal human speech is in the range from 50 to 65 dBA. Generally, as environmental noise exceeds 50 dBA, it becomes intrusive and above 65 dBA noise becomes excessive. Nighttime activities, including sleep, are more sensitive to noise and are considered affected over a range of 40 to 55 dBA.

Sound levels are typically not steady and can vary over a short time period. The equivalent noise level (L_{eq}) is used to represent the average character of the sound over a period of time. The L_{eq} represents the level of steady noise that would have the same acoustical energy as the sum of the time-varying noise measured over a given time period. L_{eq} is useful for evaluating shorter time periods over the course of a day. The most common L_{eq} averaging period is hourly, but L_{eq} can describe any series of noise events over a given time period.

Variable noise levels are values that are exceeded for a portion of the measured time period. Thus, L_{01} is the level exceeded one percent of the time and L90 is the level exceeded 90 percent of the time. The L_{90} value usually corresponds to the background sound level at the measurement location.

Noise exposure over the course of an entire day is described by the day/night average sound level, or DNL (also referred to as L_{dn}), and the community noise equivalent level, or CNEL. Both descriptors represent the 24-hour noise impact on a community. For DNL, the 24-hour day is divided into a 15-hour daytime period (7 AM to 10 PM) and a nine-hour nighttime period (10 PM to 7 AM) and a 10 dB "penalty" is added to measure nighttime noise levels when calculating the 24-hour average noise level. For example, a 45-dBA nighttime sound level would contribute as much to the overall day-night average as a 55-dBA daytime sound level. The CNEL descriptor is similar to DNL, except that it includes an additional 5 dBA penalty beyond the 10 dBA for sound events that occur during the evening time period (7 PM to 10 PM). The artificial penalties imposed during DNL and CNEL calculations are intended to account for a receptor's increased sensitivity to sound levels during quieter nighttime periods.

Sound Propagation

environment as the sound wave spreads out and travels away from the noise generating source. Theoretically, the sound level of a point source attenuates, or decreases, by 6 dB with each doubling of distance from a point source. Sound levels are also affected by certain environmental factors, such as ground cover (asphalt vs. grass or trees), atmospheric absorption, and attenuation by barriers. Outdoor noise is also attenuated by the building envelope so that sound levels inside a residence are from 10 to 20 dB less than outside, depending mainly on whether windows are open for ventilation or not.

For an ideal "point" source of sound, the energy contained in a sound pressure wave dissipates and is absorbed by the surrounding environment as the sound wave spreads out in a spherical pattern and travels away from the point source. Theoretically, the sound level attenuates, or decreases, by 6 dB with each doubling of distance from the point source. The change in noise levels between two distances can be calculated according to Equation 1 (California Department of Transportation (Caltrans), 2013a) as follows:

Equation 1

$$dBA2 = dBA1 + 20\log (D1/D2)$$

Where:

dBA1 = Known noise level, such as a reference noise level
D1 = Distance associated with dBA1
dBA2 = Noise level at distance 2
D2 = Distance associated with dBA2

For an ideal line source of sound, the energy contained in a sound pressure wave dissipates and is absorbed by the surrounding environment as the sound wave spreads out in a cylindrical pattern from the source. Theoretically, the sound level attenuates, or decreases, by 3 dB with each doubling of distance from the line source. The change in noise levels between two distances can be calculated according to Equation 2 as follows:

Equation 2

$$dBA2 = dBA1 + 10\log (D1/D2)$$

Where:

dBA1 = Known noise level, such as a reference noise level
D1 = Distance associated with dBA1
dBA2 = Noise level at distance 2
D2 = Distance associated with dBA2

For noise sources that do not operate continuously (e.g., vehicles and trucks that travel on-site, park, and then cease to generate noise),the average, hourly noise level associated with variable (i.e., non-steady) noise source can be calculated using Equation 3 as follows:

Equation 3

$$Hourly\ L_{eq} = 10 * Log\ (P_h) * 10^{(Lp/10)}$$

Where:

P_h = Percentage or fraction of hour the noise is generated

L_p = The noise level generated during the partial hour (P_h)

Finally, the total combined sound pressure level from multiple, identical sources of noise at a receiver location can be calculated using Equation 4 as follows:

Equation 4

$$SPL_{Total} = SPL_1 + 10 * Log\ (N)$$

Where:

SPL_1 = Sound pressure level of one source

N = Number of identical sources to be added

Noise Effects on Humans

Noise effects on human beings are generally categorized as:

- Subjective effects of annoyance, nuisance, and/or dissatisfaction
- Interference with activities such as speech, sleep, learning, or relaxing
- Physiological effects such as startling and hearing loss

Most environmental noise levels produce subjective or interference effects; physiological effects are usually limited to high noise environments such as industrial manufacturing facilities or airports.

Predicting the subjective and interference effects of noise is difficult due to the wide variation in individual thresholds of annoyance and past experiences with noise; however, an accepted method to determine a person's subjective reaction to a new noise source is to compare it the existing environment without the noise source, or the "ambient" noise environment. In general, the more a new noise source exceeds the ambient noise level, the more likely it is to be considered annoying and to disturb normal activities.

Under controlled conditions in an acoustical laboratory, the trained, healthy human ear is able to discern 1-dB changes in sound levels when exposed to steady, single-frequency ("pure-tone") signals in the mid-frequency (1,000–8,000 Hz) range. In typical noisy environments, changes in noise of 1 to 2 dB are generally not perceptible. However, it is widely accepted that people are able to begin to detect sound level increases of 3 dB in typical noisy environments. Further, a 5-dB increase is generally perceived as a distinctly noticeable increase, and a 10-dB increase is generally perceived as a doubling of loudness that would almost certainly cause an adverse response from community noise receptors.

When exposed to high noise levels, humans may suffer hearing damage. Sustained exposure to high noise levels (e.g., 90 dBs for hours at a time) can cause gradual hearing loss, which is usually temporary, whereas sudden exposure to a very high noise level (e.g., 130 to 140 dBs) can cause sudden and permanent hearing loss. In addition to hearing loss, noise can cause stress in humans and may contribute to stress-related diseases, such as hypertension, anxiety, and heart disease (Caltrans, 2013).

Vibration

Vibration is the movement of particles within a medium or object such as the ground or a building. As is the case with airborne sound, groundborne vibrations may be described by amplitude and frequency. Vibration amplitudes are usually expressed in peak particle velocity (PPV) or root mean squared, in inches per second (in/sec). PPV represents the maximum instantaneous positive or negative peak of a vibration signal and is most appropriate for evaluating the potential for building damage. Human response to groundborne vibration is subjective and varies from person to person.

Attachment 3

Ambient Noise Monitoring Data

This page was intentionally left blank.

Summary

File Name on Meter	DowneyLT.001.s
File Name on PC	LxT_0005064-20230731 122500-DowneyLT.001.ldbin
Serial Number	0005064
Model	SoundTrack LxT®
Firmware Version	2.404
User Location	
Job Description	
Note	

Measurement

Description	L1 LT July 31, 2023	
Start	2023-07-31 12:25:00	
Stop	2023-08-01 12:00:00	
Duration	23:35:00.0	
Run Time	23:35:00.0	
Pause	00:00:00.0	
Pre-Calibration	2023-07-31 12:24:36	
Post-Calibration	2023-08-01 12:10:15	
Calibration Deviation	0.03	dB

Overall Settings

RMS Weight	A Weighting	
Peak Weight	A Weighting	
Detector	Slow	
Preamplifier	PRMLxT1L	
Microphone Correction	Off	
Integration Method	Exponential	
OBA Range	Normal	
OBA Bandwidth	1/1 and 1/3	
OBA Frequency Weighting	A Weighting	
OBA Max Spectr	Bin Max	
Overload	122.7	dB

	A	**C**	**Z**	
Under Range Pe	**79.3**	76.3	81.3	dB
Under Range Lir	**24.3**	25.4	31.6	dB
Noise Floor	15.2	16.3	22.5	dB

	First	**Second**	**Third**
Instrument Identification	L01	MIG INC	916-956-3802

Results

LA_{Seq}		56.5		
LASE		105.8		
EAS		4.187	mPa^2h	
EAS8		1.420	mPa^2h	
EAS40		7.102	mPa^2h	
$LA_{peak\ (max)}$	2023-07-31	12:26:18	115.8	dB
LAS_{max}	2023-07-31	12:26:18	82.6	dB
LAS_{min}	2023-08-01	03:19:09	40.9	dB
SEA		-99.9	dB	

	Exceedance Counts	Duration	
LAS > 70.0 dB	62	218.6	s
LAS > 80.0 dB	2	3.5	s
LA_{peak} > 115.0 d	1	0.2	s
LA_{peak} > 135.0 d	0	0.0	s
LA_{peak} > 140.0 d	0	0.0	s

Community Noise	Ldn	LDay 07:00-22:00	LNight 22:00-07:00	Lden	LDay 07:00-19:00	LEvening 19:00-22:00	LNight 22:00-07:00	
	60.4	57.8	52.9	60.9	58.0	56.5	52.9	dB

LC_{Seq}	68.8	dB
LA_{Seq}	56.5	dB
LC_{Seq} - LA_{Seq}	12.3	dB
LAI_{eq}	59.0	dB
LA_{eq}	56.5	dB
LAI_{eq} - LA_{eq}	2.5	dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
L_{eq}	56.5					
$L_{S(max)}$	82.6	2023/07/31 12:26:18				
$L_{S(min)}$	40.9	2023/08/01 3:19:09				
$L_{Peak(max)}$	115.8	2023/07/31 12:26:18				

Overload Count	0	
Overload Duration	0.0	s
OBA Overload Count	0	
OBA Overload Duration	0.0	s

Dose Settings

Dose Name	OSHA-1	OSHA-2	
Exchange Rate	5	5	dB
Threshold	90	80	dB
Criterion Level	90	90	dB
Criterion Durati	8	8	h

Results

Dose	-99.94	0.00	%
Projected Dose	-99.94	0.00	%
TWA (Projected	-99.9	4.7	dB
TWA (t)	-99.9	12.5	dB
Lep (t)	61.2	61.2	dB

Statistics

LAS 1.67	64.3	dB
LAS 8.34	60.5	dB
LAS 16.70	58.4	dB
LAS 25.00	56.8	dB
LAS 50.00	52.7	dB
LAS 90.00	44.7	dB

Calibration History

Preamp	Date		dB re. 1V/Pa
Direct	2020-01-28	05:43:54	-28.63
PRMLxT1L	2023-08-01	12:10:12	-29.02
PRMLxT1L	2023-07-31	12:24:34	-29.05
PRMLxT1L	2023-07-31	12:23:17	-29.02
PRMLxT1L	2023-07-17	08:33:24	-28.90
PRMLxT1L	2023-07-13	16:41:23	-29.05
PRMLxT1L	2023-07-09	10:30:32	-29.06
PRMLxT1L	2023-07-09	10:19:03	-29.09
PRMLxT1L	2023-07-08	21:50:21	-29.09
PRMLxT1L	2023-07-08	19:13:32	-29.00
PRMLxT1L	2023-07-07	18:35:25	-29.02
PRMLxT1L	2023-07-07	07:14:23	-29.07

Summary

File Name on Mete	DowneyST.001.s
File Name on PC	LxTse_0003790-20230731 125000-DowneyST.001.ldbin
Serial Number	0003790
Model	SoundExpert® LxT
Firmware Version	2.404
User	
Location	
Job Description	
Note	

Measurement

Description	July 31, 2023	
Start	2023-07-31 12:50:00	
Stop	2023-07-31 15:02:31	
Duration	02:12:31.5	
Run Time	02:12:31.5	
Pause	00:00:00.0	
Pre-Calibration	2023-07-31 12:45:27	
Post-Calibration	2023-07-31 15:02:59	
Calibration Deviation	0.04	dB

Overall Settings

RMS Weight	A Weighting	
Peak Weight	A Weighting	
Detector	Slow	
Preamplifier	PRMLxT1L	
Microphone Correction	Off	
Integration Method	Exponential	
OBA Range	Normal	
OBA Bandwidth	1/1 and 1/3	
OBA Frequency Weighting	A Weighting	
OBA Max Spectrum	Bin Max	
Overload	122.8	dB

	A	**C**	**Z**	
Under Range Peak	**79.4**	76.4	81.4	dB
Under Range Limit	**24.4**	25.5	31.7	dB
Noise Floor	15.2	16.4	22.6	dB

	First	**Second**	**Third**
Instrument Identification	MIG		

Results

LA_{Seq}		57.6		
LASE		96.6		
EAS		504.088	µPa²h	
$LA_{peak\ (max)}$	2023-07-31	15:02:28	107.6	dB
LAS_{max}	2023-07-31	14:18:52	79.6	dB
LAS_{min}	2023-07-31	13:02:08	47.3	dB
SEA		-99.9	dB	

	Exceedance Counts	Duration	
LAS > 70.0 dB	8	31.9	s
LAS > 80.0 dB	0	0.0	s
LA_{peak} > 115.0 dB	0	0.0	s
LA_{peak} > 135.0 dB	0	0.0	s
LA_{peak} > 140.0 dB	0	0.0	s

Community Noise	Ldn	LDay 07:00-22:00	LNight 22:00-07:00	Lden	LDay 07:00-19:00	LEvening 19:00-22:00	LNight 22:00-07:00	
	57.6	57.6	-99.9	57.6	57.6	-99.9	-99.9	dB

LC_{Seq}	69.0	dB
LA_{Seq}	57.6	dB
LC_{Seq} - LA_{Seq}	11.4	dB
LAI_{eq}	60.8	dB
LA_{eq}	57.6	dB
LAI_{eq} - LA_{eq}	3.2	dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
L_{eq}	57.6					
$L_{S(max)}$	79.6	2023/07/31 14:18:52				
$L_{S(min)}$	47.3	2023/07/31 13:02:08				
$L_{Peak(max)}$	107.6	2023/07/31 15:02:28				

Overload Count	0	
Overload Duration	0.0	s
OBA Overload Count	0	
OBA Overload Duration	0.0	s

Statistics

LAS 1.67	64.9	dB
LAS 8.34	61.1	dB
LAS 16.70	59.1	dB
LAS 25.00	57.4	dB

LAS 50.00	53.9	dB
LAS 90.00	50.1	dB

Calibration History

Preamp	**Date**		**dB re. 1V/Pa**
Direct	2020-01-28	06:13:43	-26.38
Direct	2020-01-27	13:00:51	-29.00
PRMLxT1L	2023-07-31	15:02:58	-29.12
PRMLxT1L	2023-07-31	12:45:18	-29.16
PRMLxT1L	2023-07-15	20:45:47	-29.15
PRMLxT1L	2023-07-15	18:12:44	-29.02
PRMLxT1L	2023-07-07	20:26:20	-29.20
PRMLxT1L	2023-07-07	17:29:35	-28.81
PRMLxT1L	2023-06-24	21:24:29	-29.18
PRMLxT1L	2023-06-24	19:27:33	-28.93
PRMLxT1L	2023-05-22	23:08:13	-29.17
PRMLxT1L	2023-05-22	20:36:30	-29.05
PRMLxT1L	2023-05-18	11:09:17	-29.10
Unknown	2019-12-01	17:09:04	-28.99

This page was intentionally left blank.

This Page Intentionally Left Blank

August 29, 2023

Mr. Bob Prasse, Director of Environmental Services
MIG, INC.
1650 Spruce Street, Suite 106
Riverside, California 92507

RE: 7360 Foster Bridge Residential Project Vehicle Miles Traveled (VMT) Screening Assessment
Project No. 19658

Dear Mr. Prasse:

Ganddini Group, Inc. is pleased to provide this Vehicle Miles Traveled (VMT) Screening Assessment for the proposed 7360 Foster Bridge Residential Project. We trust the findings of this analysis will aid you and the City of Downey in assessing the project.

ADMIN DRAFT

PROJECT DESCRIPTION

The 1.3-acre project site is located at 7360 Foster Bridge Boulevard (APN: 6358-015-058) in the City of Do wney, California. The project site is currently developed with an 8,480 square foot church which is pr oposed to be demolished. Figure 1 shows the project location map and site plan.

The proposed project involves construction of a new multifamily residential development with a total of 33 dwelling units. The project also involves a Zone Change from R-1 to R-3 and General Plan Amendment (GPA) to change the General Plan land use designation from LDR (Low Density Residential) to MDR (Medium Density Residential).

The project site is proposed to provide one full access driveway on Foster Bridge Boulevard and will have g ated entry. An emergency vehicle access only driveway is proposed on Suva Street.

PROJECT TRIP GENERATION

Table 1 and Table 2 show the existing land use and project trip generation for potential church and residential uses based upon trip generation rates obtained from the Institute of Transportation Engineers (ITE) *Trip Generation Manual* (11th Edition, 2021). Based on review of the ITE land use descriptions, trip generation rates for Church (ITE Land Use Code 560) and Multi-Family Housing (Low-Rise) (ITE Land Use Code 220) were determined to adequately represent the existing land use and proposed project and were used for calculating the project trip generation forecasts. The existing land use and project trip generation forecasts were determined by multiplying the trip generation rates by the land use quantities.

As shown in Table 1, the existing land use is estimated to generate approximately 64 daily trips, including 3 trips during the AM peak hour and 4 trips during the PM peak hour.

As shown in Table 2, the proposed project is forecast to generate approximately 222 daily trips, including 13 trips during the AM peak hour and 17 trips during the PM peak hour.

As shown in Table 3, the proposed project is forecast to result in a net increase of approximately 158 additional daily trips compared to the existing use, including 10 additional trips during the AM peak hour and 13 additional trips during the PM peak hour.

VEHICLE MILES TRAVELED (VMT) BACKGROUND

California Senate Bill 743 (SB 743) directs the State Office of Planning and Research (OPR) to amend the California Environmental Quality Act (CEQA) Guidelines for evaluating transportation impacts to provide alternatives to Level of Service that "promote the reduction of greenhouse gas emissions, the development of multimodal transportation networks, and a diversity of land uses." In December 2018, the California Natural Resources Agency certified and adopted the updated CEQA Guidelines package. The amended CEQA Guidelines, specifically Section 15064.3, recommend the use of Vehicle Miles Travelled (VMT) as the primary metric for the evaluation of transportation impacts associated with land use and transportation projects. In general terms, VMT quantifies the amount and distance of automobile travel attributable to a project or region. All agencies and projects State-wide are required to utilize the updated CEQA guidelines recommending use of VMT for evaluating transportation impacts as of July 1, 2020.

The updated CEQA Guidelines allow for lead agency discretion in establishing methodologies and thresholds provided there is substantial evidence to demonstrate that the established procedures promote the intended goals of the legislation. Where quantitative models or methods are unavailable, Section 15064.3 allows agencies to assess VMT qualitatively using factors such as availability of transit and proximity to other destinations. The Office of Planning and Research (OPR) *Technical Advisory on Evaluating Transportation Impacts in CEQA* (State of California, December 2018) ["OPR Technical Advisory"] provides technical considerations regarding methodologies and thresholds with a focus on office, residential, and retail developments as these projects tend to have the greatest influence on VMT.

VMT SCREENING ASSESSMENT

The City of Downey has not established VMT analysis guidelines at this time; therefore, the project VMT impact has been assessed based on available guidance from the County of Los Angeles, OPR Technical Advisory, and consideration of implementation policies established by other jurisdictions in the Southern California region.

County of Los Angeles Guidelines

According to the County of Los Angeles Public Works Department *Transportation Impact Analysis Guidelines* (July 23, 2020) ["County TIA Guidelines"], certain types of projects, because of their size, nature, or location, are exempt from the requirement of preparing a traffic impact analysis. The County TIA Guidelines establish screening thresholds for certain types of projects that may be presumed to cause a less than significant VMT impact based on substantial evidence provided in the Office of Planning and Research (OPR) Technical Advisory on Evaluating Transportation Impacts in CEQA (December 2018).

The County TIA Guidelines specify the following four screening steps: 1) Non-Retail Project Trip Generation Screening; 2) Retail Project Site Plan Screening; 3) Proximity to Transit Based Screening; and 4) Residential Land Use Based Screening.

ADMIN DRAFT

Mr. Bob Prasse, Director of Environmental Services
MIG, INC.
August 29, 2023

Non-Retail Project Trip Generation Screening

Some project types have been identified as having the presumption of a less than significant impact as they are small enough to not warrant assessment. This applies to projects that generate 110 or fewer daily trips.

This threshold is derived from Categorical Exemption criteria rather than any quantitative consideration of the actual potential for VMT impacts and is very low compared to historical screening thresholds for determining the need to prepare a traffic impact analysis. Several jurisdictions in the region have developed higher daily trip thresholds for small projects based on the intent and stated goals of SB 743 to reduce greenhouse gas (GHG) emissions. Further evaluation of such thresholds is provided in the "Daily Trip Thresholds Established by Other Jurisdictions in the SCAG Region" section below.

Finding: The proposed project does not satisfy the County-established screening criteria for non-retail project trip generation; therefore, this screening criteria is not met.

Retail Project Site Plan Screening

Some retail project types have been identified as having the presumption of a less than significant impact as they are local-serving retail. This applies to projects that contain retail uses less than 50,000 square feet of gross floor area.

Finding: The proposed project does not involve retail land uses; therefore, this screening criteria does not apply.

Proximity to Transit Based Screening

Projects located within a TPA (half mile area around an existing major transit stop[1] or an existing stop along a high-quality transit corridor[2]) may be presumed to have a less than significant impact absent substantial evidence to the contrary. This presumption may not be appropriate if the project:

1. Has a Floor Area Ratio (FAR) of less than 0.75;
2. Includes more parking for use by residents, customers, or employees of the project than required by the County code;
3. Is inconsistent with the applicable Sustainable Communities Strategy (as determined by the lead agency with input from the Southern California Association of Governments [SCAG]): or
4. Replaces affordable residential units with a smaller number of moderate or high-income residential units.

Finding: Based on review of the SCAG High Quality Transit Area (2016) map, the proposed project is not located within a TPA; therefore, this screening criteria is not met.

[1] A major transit stop is defined as an existing rail or bus rapid transit station, ferry terminal served by either a bus or rail transit service or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods (Pub. Resources Code, § 21064.3.)

[2] A high-quality transit corridor is defined as a corridor with fixed route bus service with service intervals no longer than 15 minutes during peak commute hours (Pub. Resources Code, § 21155).

ADMIN DRAFT

Mr. Bob Prasse, Director of Environmental Services
MIG, INC.
August 29, 2023

Residential Land Use Based Screening

Independent of the screening criteria for non-retail and retail projects, certain projects that further the State's affordable housing goals have been identified as having the presumption of a less than significant impact. This applies to projects that contain 100 percent of the units, excluding manager's units, set aside for lower income households.

Finding: The proposed project does not include any affordable housing units; therefore, this screening criteria does not apply.

DAILY TRIP THRESHOLDS ESTABLISHED BY OTHER JURISDICTIONS IN THE SCAG REGION

As previously noted, the County's non-retail trip generation threshold is based on extrapolation of categorical exemption criteria rather than consideration of the actual potential for VMT impacts and is very low compared to historical screening thresholds for determining the need to prepare a traffic impact analysis. Historically, the County of Los Angeles, and subsequently the City of Downey, used a trip generation threshold of peak hour trips for determining the need to prepare a traffic impact analysis. For residential uses, 50 peak hour trips would roughly equate to 500 daily trips. Accordingly, several jurisdictions in the region have developed higher daily trip thresholds for small projects based on the intent and stated goals of SB 743 to reduce greenhouse gas (GHG) emissions.

Table 4 shows a sampling of other jurisdictions in the region that have established a higher daily trip threshold for screening small projects. As shown in Table 4, the daily trip thresholds of the sample jurisdictions generally range from 250 to 500 daily trips, and in the case of City of Redlands can be as high as 4,243 daily trips depending on the land use.

It is noted that the OPR Technical Advisory recommendation is based on the Categorical Exemption for 10,000 square foot additions to existing structures; from this, the OPR Technical Advisory correlates a 110 daily trip threshold based on 10,000 square feet of office use. There are many uses, however, that generate significantly more daily trips for a similar size building, such as drive in banks, drugstore with drive through window, and typical post office, which would generate over 1,000 daily trips. **Therefore, there are many land-uses where the 10,000 square foot exemption would result in substantially higher trips than the 110 daily trip threshold recommended by the OPR Technical Advisory.**

Based on the intent and stated goals of SB 743 to reduce greenhouse gas (GHG) emissions, some jurisdictions have substantiated higher daily trip thresholds from a GHG emissions perspective. In particular, the City of Redlands *CEQA Assessment VMT Analysis Guidelines* and County of Riverside *Transportation Analysis Guidelines for Level of Service [and] Vehicle Miles Traveled* (December 2020) include the documentation used to establish substantial evidence for a higher daily trip threshold for screening small projects; see Attachment A. Understanding that the South Coast Air Quality Management District (SCAQMD) threshold of 3,000 metric tons of carbon dioxide emissions (MTCO2e) per year is the most stringent in the region, the City of Redlands and County of Riverside have established small project thresholds by evaluating the significance of mobile source emissions associated with VMT generated by various land uses using the California Emissions Estimate Model (CalEEMod).

Table 5 summarizes the results of a similar GHG emissions analysis for a multifamily housing (low-rise) project in the City of Downey using updated ITE Trip Generation Manual (11th Edition) trip generation rates and CalEEMod defaults. The CalEEMod report is provided in Attachment B.

ADMIN DRAFT

As shown in Table 5, it would take approximately 321 dwelling units of multifamily housing (low-rise), or 2,164 daily trips, to exceed the GHG emissions threshold established by the SCAQMD. Therefore, multifamily housing (low-rise) projects of 320 dwelling units or less, would not exceed the SCAQMD threshold for GHG emissions and could be presumed to result in a less than significant VMT impact using the GHG emissions approach for establishing daily trip thresholds for small projects.

It is noted that the above analysis is not intended to establish policy or precedent for the City of Downey, but rather to demonstrate potential screening criteria in light of those established by other jurisdictions in the region. For purposes of this analysis, the proposed project could be presumed to result in a less than significant VMT impact using a daily trip threshold of 250 daily trips, which is in the lower range relative to the other jurisdictions reviewed.

Finding: The proposed project is forecast to generate fewer than 250 new daily trips. Based on review of the daily trip screening thresholds for small projects established by other jurisdictions in the region, as further supported by evaluation of GHG emissions thresholds established by SCAQMD, the proposed project is presumed to result in a less than significant VMT impact.

Conclusion

The proposed project is forecast to result in a net increase of approximately 158 additional daily trips compared to the existing use.

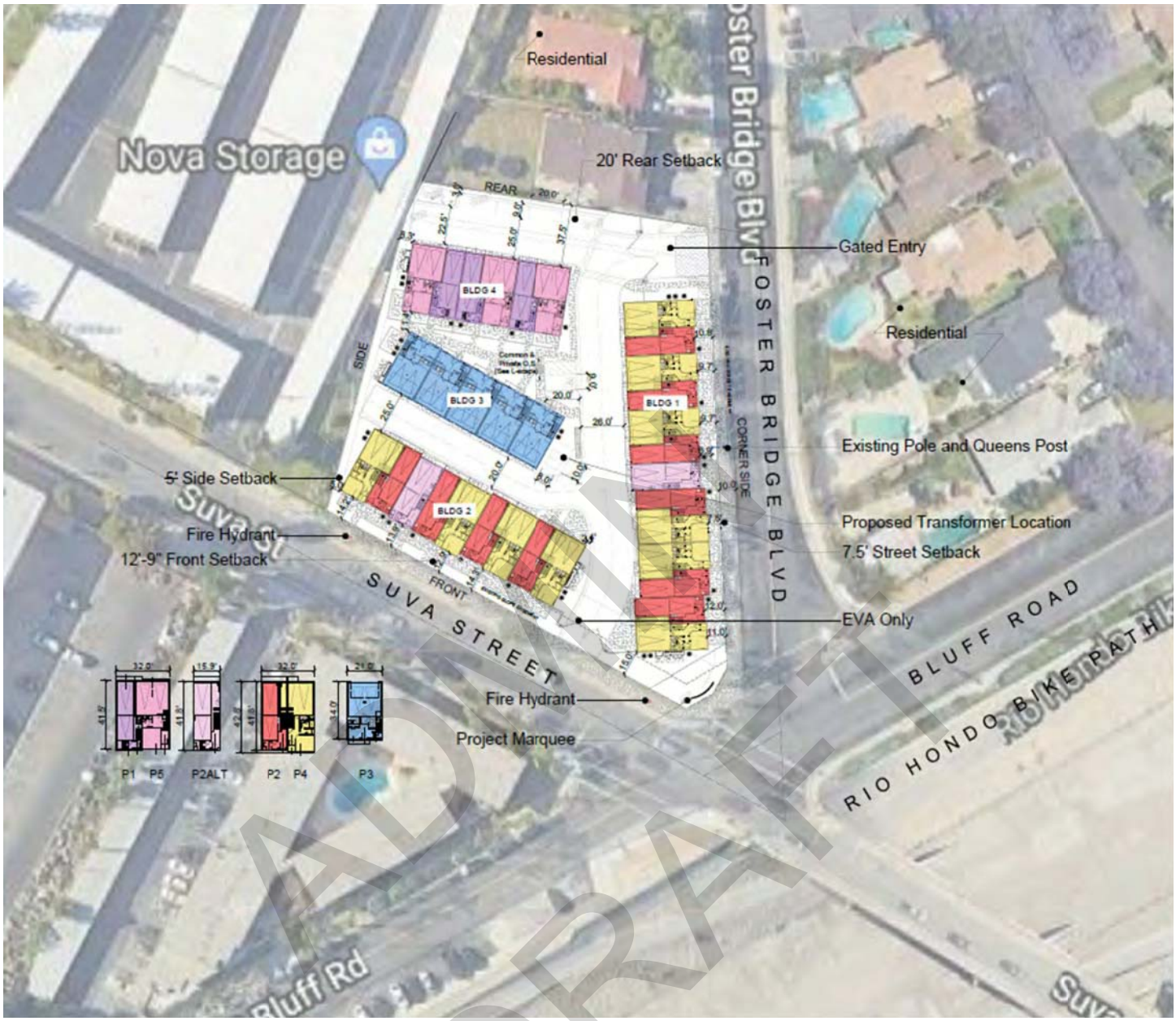
Based on review of the daily trip screening thresholds for small projects established by other jurisdictions in the region, as further supported by evaluation of GHG emissions thresholds established by SCAQMD, the proposed project is presumed to result in a less than significant VMT impact.

We appreciate the opportunity to assist you on this project. Should you have any questions or if we can be of further assistance, please do not hesitate to call at (714) 795-3100 x 103.

Sincerely,

GANDDINI GROUP, INC.
Bryan Crawford | Senior Associate
Giancarlo Ganddini, PE, PTP | Principal

ADMIN DRAFT



ADMIN DRAFT

Figure 1
Project Location & Site Plan

Table 1
Existing Trip Generation

Trip Generation Rates									
			AM Peak Hour			PM Peak Hour			
Land Use	Source[1]	Unit[2]	% In	% Out	Rate	% In	% Out	Rate	Daily
Church	ITE 560	TSF	62%	38%	0.32	44%	56%	0.49	7.60

Trips Generated									
			AM Peak Hour			PM Peak Hour			
Land Use	Quantity	Unit[2]	In	Out	Total	In	Out	Total	Daily
Church	8.480	TSF	2	1	3	2	2	4	64

Notes:
(1) ITE = Institute of Transportation Engineers *Trip Generation Manual* (11th Edition, 2021); 560 = Land Use Code

(2) TSF = Thousand Square Feet

ADMIN DRAFT

Table 2
Project Trip Generation

Trip Generation Rates									
			AM Peak Hour			PM Peak Hour			
Land Use	Source[1]	Unit[2]	% In	% Out	Rate	% In	% Out	Rate	Daily
Multi-Family Housing (Low-Rise)	ITE 220	DU	24%	76%	0.40	63%	37%	0.51	6.74

Trips Generated									
			AM Peak Hour			PM Peak Hour			
Land Use	Quantity	Unit[2]	In	Out	Total	In	Out	Total	Daily
Multi-Family Housing (Low-Rise)	33	DU	3	10	13	11	6	17	222

Notes:
(1) ITE = Institute of Transportation Engineers *Trip Generation Manual* (11th Edition, 2021); 220 = Land Use Code
(2) DU = Dwelling Units

ADMIN DRAFT

Table 3
Project Trip Generation Comparison

Trips Generated							
Land Use	AM Peak Hour			PM Peak Hour			Daily
	In	Out	Total	In	Out	Total	
Existing Land Use[1]	2	1	3	2	2	4	64
Proposed Project[2]	3	10	13	11	6	17	222
Net New Trips	**+1**	**+9**	**+10**	**+9**	**+4**	**+13**	**+158**

Notes:
(1) See Table 1

(2) See Table 2

ADMIN DRAFT

Table 4
Daily Trip Screening Thresholds Established by Other Jurisdictions in the Region

Jurisdiction	Threshold	Basis
City of Los Angeles	250 ADT	Historical threshold
City of Irvine	250 ADT	Historical threshold
City of Newport Beach	300 ADT	Historical threshold
City of Long Beach	500 ADT	GHG emissions resulting from this level of vehicle traffic would be less than comparable GHG emissions thresholds.
City of Perris	500 ADT	Model runs for various residential and employment uses generating 500 ADT showed insignificant effect on Citywide VMT (0.04-0.21% change).
City of Redlands	370 - 4,243 ADT SFD ≤ 167 DU MFR (low-rise) ≤ 232 DU MFR (mid-rise) ≤ 299 DU Office ≤ 59,100 SF Retail ≤ 112,400 SF Warehousing ≤ 463,600 SF Light Industrial ≤ 74,600 SF	Emissions would not exceed SCAQMD threshold of 3,000 MTCO2e emissions per year based on CalEEMod analysis.
County of Riverside	SFD ≤ 110 DU MFR (low-rise) ≤ 147 DU MFR (mid-rise) ≤ 194 DU Office ≤ 165 ,000 SF Retail ≤ 60,000 SF Warehousing ≤ 208,000 SF Light Industrial ≤ 179,000 SF	Emissions would not exceed SCAQMD threshold of 3,000 MTCO2e emissions per year based on CalEEMod analysis.

Notes: ADT = Average Daily Trips; DU = Dwelling Units; SF = Square Feet; MTCO2e = Metric Tons of Carbon Dioxide Equivalent

Sources:

a. Los Angeles Department of Transportation (LADOT) Transportation Assessment Guidelines (July 2020)

b. City of Irvine Traffic Study Guidelines (April 2020)

c. City of Newport Beach City Council Policy K-3 (May 2020)

d. City of Long Beach Traffic Impact Analysis Guidelines (June 2020)

e. City of Perris Transportation Impact Analysis Guideliens for CEQA (May 2020)

f. City of Redlands CEQA Assessment VMT Analysis Guidelines

g. County of Riverside Transportation Analysis Guidelines for LOS and VMT (December 2020)

ADMIN DRAFT

Table 5
Daily Trip Threshold that Exceeds GHG Emissions Threshold

Land Use	Quantity[1]	Total CO2e (MT/yr)[2]	CO2e Threshold (MT/yr)	Daily Trip Rate[3]	Size that Triggers Threshold	Daily Trips that Trigger Threshold
Condo/Townhouse	100 DU	935	3,000	6.74	321 DU	2,164

Notes:

(1) DU = Dwelling Units

(2) Calculated using CalEEMod 2022.1.1.17; see Attachment B.

(3) Based on trip generation rates from the Institute of Transportation Engineers *Trip Generation Manual* (11th Edition, 2021).

ADMIN DRAFT

ATTACHMENT A

EXAMPLE SMALL PROJECT THRESHOLDS (CITY OF REDLANDS & COUNTY OF RIVERSIDE)

ADMIN DRAFT

Attachment 1 - Substantial Evidence for Trip-Based Screening Threshold

Background.

Senate Bill 743 (Steinberg, 2013), which was codified in Public Resources Code section 21099, required changes to the guidelines implementing CEQA (CEQA Guidelines) (Cal. Code Regs., Title 14, Div. 6, Ch. 3, § 15000 et seq.) regarding the analysis of transportation impacts. As one appellate court recently explained: "During the last 10 years, the Legislature has charted a course of long-term sustainability based on denser infill development, reduced reliance on individual vehicles and improved mass transit, all with the goal of reducing greenhouse gas emissions. Section 21099 is part of that strategy . . . ." (Covina Residents for Responsible Development v. City of Covina (2018) 21 Cal.App.5th 712, 729.) ***Pursuant to Section 21099, the criteria for determining the significance of transportation impacts must "promote the reduction of greenhouse gas emissions***, the development of multimodal transportation networks, and a diversity of land uses." (Id., subd. (b)(1); see generally, adopted CEQA Guidelines, § 15064.3, subd. (b) [Criteria for Analyzing Transportation Impacts].) To that end, in developing the criteria, OPR has proposed, and the California Natural Resources Agency (Agency) has certified and adopted, changes to the CEQA Guidelines that identify vehicle miles traveled (VMT) as the most appropriate metric to evaluate a project's transportation impacts. With the California Natural Resources Agency's certification and adoption of the changes to the CEQA Guidelines, automobile delay, as measured by "level of service" and other similar metrics, generally no longer constitutes a significant environmental effect under CEQA. (Pub. Resources Code, § 21099, subd. (b)(3).)

It should be noted that SB 743 (the legislation) does not specify any screening thresholds or impact criteria for transportation impacts using VMT. In fact, the legislation does not even specify VMT as the metric – but directs the OPR to identify the appropriate metric. The OPR evaluated several metrics including VMT, Automobile Trips Generated, Multimodal LOS, Fuel Use, and Motor Vehicle Hours Traveled, and ultimately settled on VMT. SB 743 includes legislative intent to help guide the development of the new criteria for transportation impacts to align with Green House Gas (GHG) reduction. For example, Section 1 of the legislation states: "*New methodologies under the California Environmental Quality Act are needed for evaluating transportation impacts that are better able to promote* ***the state's goals of reducing greenhouse gas emissions and traffic-related air pollution****, promoting the development of a multimodal transportation system, and providing clean, efficient access to destinations.*" Further, subdivision (b) of the new Section 21099 requires that the new criteria "*promote the* ***reduction of greenhouse gas emissions****, the development of multimodal transportation networks, and a diversity of land uses.*"

OPR'S Technical Advisory

To assist in the process, the OPR released several technical advisories. The technical advisory states that "*…(it) is one in a series of advisories provided by the Governor's Office of Planning and Research (OPR) as a service to professional planners, land use officials, and CEQA practitioners. OPR issues technical assistance on issues that broadly affect the practice of land use planning and the California Environmental Quality Act (CEQA) (Pub. Resources Code, § 21000 et seq.). (Gov. Code, § 65040, subds. (g), (l), (m).)* ***The purpose of this document is to provide advice and recommendations, which***

ADMIN DRAFT

agencies and other entities may use at their discretion. This document does not alter lead agency discretion in preparing environmental documents subject to CEQA. This document should not be construed as legal advice."

Screening Thresholds Recommended by OPR

Many agencies use "screening thresholds" to quickly identify when a project should be expected to cause a less-than-significant impact without conducting a detailed study. (See e.g., CEQA Guidelines, §§ 15063(c)(3)(C), 15128, and Appendix G.) As explained below, this technical advisory suggests that lead agencies may screen out VMT impacts using project size, maps, transit availability, and provision of affordable housing. The Technical Advisory recommends the following thresholds:

SCREENING THRESHOLD FOR SMALL PROJECTS. Many local agencies have developed screening thresholds to indicate when detailed analysis is needed. Absent substantial evidence indicating that a project would generate a potentially significant level of VMT, or inconsistency with a Sustainable Communities Strategy (SCS) or general plan, *projects that generate or attract fewer than 110 trips per day generally may be assumed to cause a less-than significant transportation impact.*

Analysis. To set this 110-trip threshold, the OPR uses a CEQA exemption for additions to existing structures of up to 10,000 square feet. The Technical Advisory states, "*CEQA provides a categorical exemption for existing facilities, including additions to existing structures of up to 10,000 square feet, so long as the project is in an area where public infrastructure is available to allow for maximum planned development and the project is not in an environmentally sensitive area. (CEQA Guidelines, § 15301, subd. (e)(2).) Typical project types for which trip generation increases relatively linearly with building footprint (i.e., general office building, single tenant office building, office park, and business park) generate or attract an additional 110-124 trips per 10,000 square feet. Therefore, absent substantial evidence otherwise, it is reasonable to conclude that the addition of 110 or fewer trips could be considered not to lead to a significant impact*". It should be noted that, for a similar size building, many land uses generate significantly higher trips than the 110 daily-trip threshold. For example, a 10,000 square foot Drive-In Bank generates 1,000 daily trips. Similarly, a 10,000 square foot drugstore with drive through window would generate 1,092 daily trips, and a typical Post Office would generate 1,039 trips. **Therefore, there are many land-uses where the 10,000 square foot exemption would result in substantially higher trips than the 110-trip threshold used by the OPR.**

Recommendation. Based on the intent and stated goals of SB-743, the City has evaluated land uses in the City from a GHG emissions perspective. In San Bernardino County, there are two Air Quality Management Districts – the Mohave Desert AQMD (MDAQMD) and the South Coast AQMD (SCAQMD). The MDAQMD uses a threshold of 100,000 Metric Tons (MT) of CO2 Equivalents (CO2e) per year as a threshold to identify significant impacts[2]. The SCAQMD in its *Interim CEQA GHG Significance Threshold for Stationary Sources, Rules and Plans*[3] recommends a screening threshold of 3,000 MT of CO2e per year for residential and commercial sectors and 10,000 MT of CO2e per year for industrial projects.

Understanding that the SCAQMD's recommendations are the most stringent in the region, and the City is within the SCAQMD region, the City evaluated various land uses using City specific average trip lengths by

[2] *MDAQMD California Environmental Quality Act (CEQA) And Federal Conformity Guidelines (http://www.mdaqmd.ca.gov/home/showdocument?id=538)*

[3] *http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/ghgboardsynopsis.pdf?sfvrsn=2*

ADMIN DRAFT

trip purpose from the San Bernardino Transportation Analysis Model (SBTAM). Specifically, the following land uses were evaluated –

- Single family residential
- Multifamily residential (low-rise, one or two levels)
- Multifamily residential (mid-rise, between three and 10 levels)
- Office
- Retail
- Warehousing
- Light Industrial

Table A summarizes the findings of the evaluation. The GHG emissions were calculated based on 100 units (DU or 1,000 square feet). The resulting emissions were compared to the SCAQMD threshold of 3,000 MT CO2e/year and the number of units to trigger the threshold was calculated.

Land Use	***Units***		***Mobile CO2e[1]***	***Total CO2e[1]***	***Trip Rate[2]***	***Size that Triggers Threshold***	***Daily Trips***
Single Family DU	100	DU	1212	1799	9.44	167	1574.21
Multifamily DU (low-rise)	100	DU	947	1294	7.32	232	1697.06
Multifamily DU (mid-rise)	100	DU	672	1005	5.44	299	1623.88
Office	100	TSF	4963	5076	9.74	59.102	575.65
Retail	100	TSF	2144	2669	37.75	112.402	4243.16
Warehouse (unrefrigerated)	100	TSF	386	647	1.74	463.679	806.80
General Light Industrial	100	TSF	2964	4018	4.96	74.664	370.33

[1] Calculated using CalEEMod.

[2] Based on Trip Rates from the Institute of Transportation Engineers, *Trip Generation*, 10th Edition and SBTAM trip lengths.

Based on this analysis, the City recommends that projects up to the size indicated in the following list be considered exempt from preparation of a VMT analysis. These projects would generate less than 3,000 MT CO2e/year and would not have a significant impact on CO2e, based on SCAQMD Guidelines. Additionally, these projects would fall below the screening threshold proposed by SCAQMD.

- Single family residential – 167 Dwelling Units or fewer
- Multifamily residential (low-rise) – 232 Dwelling Units or fewer
- Multifamily residential (mid-rise) – 299 Dwelling Units or fewer
- Office – 59,100 square feet or less
- Retail – 112,400 square feet or less
- Warehousing – 463,600 square feet or less
- Light Industrial – 74,600 square feet or less

ADMIN DRAFT

APPENDIX G

UNIT-BASED SCREENING THRESHOLDS FOR SMALL PROJECTS

The Riverside County Greenhouse Gas Emissions Screening Tables document (July 17, 2018) identifies a 3,000 Metric Tons of Carbon Dioxide Equivalent (MTCO2e) per year screening level threshold to identify projects that require the use of the Screening Tables or a project-specific technical analysis to quantify and mitigate project emissions.

The County determined the size of development that is too small to be able to provide the level of greenhouse gas (GHG) emission reductions expected from the Screening Tables or alternate emission analysis method. To do this the County determined the GHG emission amount allowed by a project such that 90 percent of the emissions on average from all projects would exceed that level and be "captured" by the Screening Table or alternate emission analysis method. The GHG emissions calculations from the VMT Tool should be used in conjunction with the County's GHG emissions screening tables.

California Emissions Estimator Model (CalEEMod version 2016.3.2) was used to determine the maximum number of dwelling units or square footage that would remain within the 3,000 MTCO2e per year screening threshold. CalEEMod is a statewide land use emissions computer model designed to quantify potential criteria pollutant emissions associated with both construction and operations from a variety of land use projects. This model was selected because it is provided by the California Air Resources Board (CARB) to be used statewide for developing project-level GHG emissions. CalEEMod was used with the built-in default trip lengths and types.

CalEEMod runs were conducted for a variety of land uses in order to determine the land use units that trigger SCAQMD threshold of 3,000 MT CO2e/year, as well the CO2e emissions on a per-unit (dwelling unit or thousand square feet) rate that could be used in the VMT Tool. The land uses and corresponding CO2e emissions rates are shown in **Table 1**.

ADMIN DRAFT

Table 1 - Land Uses and CO_2e Emissions Rates

Land Use	DU or TSF	Total $MTCO_2e$	$MTCO_2e$ per DU or TSF
Single Family	110	2,997	27.25
Multi-Family (low-rise)	147	2,989	20.34
Multi-Family (mid-rise)	194	2,997	15.45
General Office Building	165	2,989	18.11
Retail	60	2,983	49.72
Warehouse (Unrefrigerated)	208	2,995	14.40
General Light Industrial	179	2,997	16.74

DU = dwelling unit, TSF = Thousand Square Feet

CalEEMod relies on known emissions data associated with certain activities or equipment (i.e. default values) that can be used if site-specific information is not available. CalEEMod contains default values to use in each specific local air district region or county. Input values were selected to be specific to the South Coast portion of Riverside County as the majority of future development that would utilize the screening thresholds is anticipated in this area of the County.

The following outlines the assumptions used in the CalEEMod calculations:

- CalEEMod uses Institute of Transportation Engineers (ITE) 9th Edition daily trip generation rates by default. Modeling for the VMT Tool updated CalEEMod defaults to use ITE 10th Edition rates.
- Rural trip lengths are longer than urban trip lengths and were conservatively used.
- The CalEEMod mobile source (vehicle) emissions are based on emissions rates from CARB's EMissions FACtor Model (EMFAC). The CalEEMod default EMFAC2014 emissions rates were updated with EMFAC2017 emissions rates, which are the latest available from CARB.
- The CalEEMod carbon intensity factor was adjusted within the model to represent Southern California Edison's (SCE) current emissions rate. The electricity emission intensity factor in CalEEMod was revised to use the SCE's reported rate in their 2018 Corporate Responsibility and Sustainability Report. As of 2017, SCE's power mix was at 32 percent renewable energy and will be required to achieve the 60 percent renewable energy goal by 2030 established by SB 100.
- Energy savings from water conservation resulting from the Green Building Code Standards for indoor water use and California Model Water Efficient Landscape Ordinance for outdoor water use are not included in CalEEMod. Conservatively, no updates were made to CalEEMod to account for these measures.
- The 2019 Building Energy Efficiency Standards (adopted on May 9, 2018) took effect on January 1, 2020. Under the 2019 standards, homes would use about 53 percent less energy and

ADMIN DRAFT

nonresidential buildings would use about 30 percent less energy than buildings under the 2016 standards. Conservatively, no updates were made to CalEEMod to account for these reductions under the 2019 Building Energy Efficiency Standards.

ADMIN DRAFT

ADMIN DRAFT

ATTACHMENT B

CALEEMOD WORKSHEETS

Downey Foster Bridge Residential Summary Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

6. Climate Risk Detailed Report

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

7. Health and Equity Details

7.3. Overall Health & Equity Scores

7.5. Evaluation Scorecard

ADMIN DRAFT

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Downey Foster Bridge Residential
Operational Year	2025
Lead Agency	Downey
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.2
Location	33.96594857105572, -118.13657477255288
County	Los Angeles-South Coast
City	Downey
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4145
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.18

ADMIN DRAFT

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Condo/Townhouse	100	Dwelling Unit	6.25	106,000	0.00	—	296	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	CO2e
Daily, Summer (Max)	—
Unmit.	8,862
Daily, Winter (Max)	—
Unmit.	8,653
Average Daily (Max)	—
Unmit.	5,648
Annual (Max)	—
Unmit.	935
Exceeds (Annual)	—
Threshold	3,000
Unmit.	No

ADMIN DRAFT

6. Climate Risk Detailed Report

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	1	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A

Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

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

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

7. Health and Equity Details

7.3. Overall Health & Equity Scores

ADMIN DRAFT

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	75.0
Healthy Places Index Score for Project Location (b)	75.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

ADMIN DRAFT

7360 FOSTER BRIDGE RESIDENTIAL PROJECT TRAFFIC AND CIRCULATION ANALYSIS (REVISED)

City of Downey

November 15, 2023

gandini

Traffic Engineering ● Transportation Planning ● Parking ● Noise & Vibration
Air Quality ● Global Climate Change ● Health Risk Assessment

7360 FOSTER BRIDGE RESIDENTIAL PROJECT TRAFFIC AND CIRCULATION ANALYSIS (REVISED)

City of Downey

November 15, 2023

prepared by

Bryan Crawford
Giancarlo Ganddini, PE, PTP

GANDDINI GROUP, INC.
555 Parkcenter Drive, Suite 225
Santa Ana, California 92705
714.795.3100 | ganddini.com

Project No. 19658

TABLE OF CONTENTS

EXECUTIVE SUMMARY IV

1. INTRODUCTION 1

Purpose 1
Project Description 1
Scope of Analysis 1
Study Area 2
Analysis Scenarios 2

2. METHODOLOGY 5

Intersection Delay Analytical Methodology 5
Performance Standards 5
Roadway Segment Capacity Analytical Methodology 6

3. EXISTING CONDITIONS 8

Existing Roadway System 8
Pedestrian Facilities 8
Bicycle Routes 8
Transit Facilities 9
General Plan Context 9
Existing Traffic Volumes 9
Existing Levels of Service 9
Existing Traffic Signal Warrants 9

4. PROJECT FORECASTS 23

Project Trip Generation 23
Project Trip Distribution and Assignment 23

5. FUTURE VOLUME FORECASTS 31

Other Development 31
Ambient Growth 31
Analysis Scenario Volume Forecasts 31
Existing Plus Ambient Growth Plus Cumulative 31
Existing Plus Ambient Growth Plus Cumulative Plus Project 31

6. FUTURE OPERATIONAL ANALYSIS 40

Existing Plus Ambient Growth Plus Cumulative 40
Existing Plus Ambient Growth Plus Cumulative Plus Project 40
Future Traffic Signal Warrant Analysis 40

7. SITE ACCESS AND CIRCULATION 46

Project Design Features 46

8. CONGESTION MANAGEMENT PROGRAM 47

Criteria for Requiring a Traffic Impact Analysis for CMP 47
CMP Transit Impact Review 47

9. CONCLUSIONS 49

Project Trip Generation 49
Forecast Levels of Service 49
Congestion Management Program 49

APPENDICES

Appendix A Glossary

Appendix B Scoping Agreement

Appendix C Volume Count Worksheets

Appendix D Level of Service Worksheets

Appendix E Traffic Signal Warrant Graphs

LIST OF TABLES

Table 1. County of Los Angeles Roadway Segment Daily Capacities 7

Table 2. Existing Roadway Segment Daily Capacity Analysis 11

Table 3. Existing Intersection Level of Service 12

Table 4. Existing Trip Generation 24

Table 5. Project Trip Generation 25

Table 6. Project Trip Generation Comparison 26

Table 7. Other Development Trip Generation 32

Table 8. Existing Plus Ambient Growth Plus Cumulative Roadway Segment Daily Capacity Analysis 42

Table 9. Existing Plus Ambient Growth Plus Cumulative Intersection Level of Service 43

Table 10. Existing Plus Ambient Growth Plus Cumulative Plus Project Roadway Segment Daily Capacity Analysis 44

Table 11. Existing Plus Ambient Growth Plus Cumulative Plus Project Intersection Level of Service 45

LIST OF FIGURES

Figure 1. Project Location Map 3

Figure 2. Site Plan 4

Figure 3. Existing Lane Geometry and Intersection Traffic Controls 13

Figure 4. Existing Pedestrian Facilities 14

Figure 5. County of Los Angeles Bikeways Map 15

Figure 6. Los Angeles County Metropolitan Transportation Authority System Map 16

Figure 7. City of Downey Circulation Plan 17

Figure 8. City of Downey Roadway Cross-Sections 18

Figure 9. City of Bell Gardens Circulation Plan 19

Figure 10. City of Bell Gardens Roadway Cross-Sections 20

Figure 11. Existing AM Peak Hour Intersection Turning Movement Volumes 21
Figure 12. Existing PM Peak Hour Intersection Turning Movement Volumes 22
Figure 13. Existing Trip Distribution 27
Figure 14. Project Trip Distribution 28
Figure 15. Project AM Peak Hour Intersection Turning Movement Volumes 29
Figure 16. Project PM Peak Hour Intersection Turning Movement Volumes 30
Figure 17. Other Development Location Map 33
Figure 18. Other Development AM Peak Hour Intersection Turning Movement Volumes 34
Figure 19. Other Development PM Peak Hour Intersection Turning Movement Volumes 35
Figure 20. Existing Plus Ambient Growth Plus Cumulative AM Peak Hour Intersection Turning Movement Volumes 36
Figure 21. Existing Plus Ambient Growth Plus Cumulative PM Peak Hour Intersection Turning Movement Volumes 37
Figure 22. Existing Plus Ambient Growth Plus Cumulative Plus Project AM Peak Hour Intersection Turning Movement Volumes 38
Figure 23. Existing Plus Ambient Growth Plus Cumulative Plus Project PM Peak Hour Intersection Turning Movement Volumes 39

EXECUTIVE SUMMARY

The 1.3-acre project site is located at 7360 Foster Bridge Boulevard in the City of Downey.

The project site is currently developed with an 8,480 square foot church which is proposed to be demolished. The proposed project involves construction of a new multifamily residential development with a total of 33 dwelling units. The proposed project is anticipated to be constructed and fully operational by year 2025.

The project involves a Zone Change from R-1 to R-3 and General Plan Amendment (GPA) to change the General Plan land use designation from LDR (Low Density Residential) to MDR (Medium Density Residential).

The project site is proposed to provide one full access driveway on Foster Bridge Boulevard and will have gated entry. An emergency vehicle access only driveway is proposed on Suva Street.

Existing Conditions

The existing roadway segments currently operate within acceptable Levels of Service. The study intersections currently operate at acceptable Levels of Service during the peak hours for existing conditions.

Project Trip Generation

The existing land uses currently generate approximately 64 daily trips, including 3 trips during the AM peak hour and 4 trips during the PM peak hour.

The proposed project is forecast to generate approximately 222 daily trips, including 13 trips during the AM peak hour and 17 trips during the PM peak hour.

The proposed project is forecast to generate approximately 158 additional daily trips compared to existing project site uses, including 10 additional trips during the AM peak hour and 13 additional trips during the PM peak hour.

Forecast Levels of Service

For Existing Plus Ambient Growth Plus Cumulative traffic conditions, the study roadway segments are projected to operate at acceptable Levels of Service, except for the following roadway segment that is projected to operate at unacceptable Levels of Service, without improvements:

- Paramount Boulevard, East of Suva Street

Although this roadway segment is projected to operate at an unacceptable Level of Service, the intersection of Suva Street at Paramount Boulevard (Int. #4) is projected to operate within acceptable Levels of Service during the peak hours. Two through lanes along Paramount Boulevard are maintained through the intersection of Suva Street. Thus, since the roadway segment acts as a free-flowing corridor between points of conflict (intersections), and the point of conflict (Suva Street at Paramount Boulevard – Intersection # 4) is projected to operate at acceptable Levels of Service during the peak hours, improvements are not recommended along this roadway segment.

In addition, the project is forecast to add a relatively negligible number of trips per day along this segment such that no appreciable change in the volume-to-capacity ratio is expected for Existing Plus Ambient Growth Plus Cumulative Plus Project conditions.

The study intersections are forecast to operate within acceptable Levels of Service during the peak hours for Existing Plus Ambient Growth Plus Cumulative and Existing Plus Ambient Growth Plus Cumulative Plus Project conditions; no intersection improvements are recommended.

Congestion Management Program

The proposed project would result in no operational CMP impact as it does not meet the thresholds requiring a traffic impact analysis for CMP purposes and no further CMP analysis is warranted. A transit impact review was conducted for compliance with the CMP requirements and found that the proposed project is forecast to have a nominal impact on transit demand.

1. INTRODUCTION

This section describes the purpose of this traffic and circulation analysis, project location, proposed development, and study area. Figure 1 shows the project location map. Figure 2 illustrates the project site plan.

Although this is a technical report, every effort has been made to write the report clearly and concisely. To assist the reader with those terms unique to transportation engineering, a glossary of terms is provided in Appendix A

PURPOSE

The purpose of this study is to evaluate the potential for transportation impacts resulting from development of the proposed project both in the context of the City of Downey's discretionary authority for conformance with locally established operational standards. Assessment of the project's vehicle miles traveled (VMT) impact is evaluated in a separate document for compliance with the California Environmental Quality Act (CEQA). Although this is a technical report, effort has been made to write the report clearly and concisely. A glossary is provided in to assist the reader with terms related to transportation engineering.

This study was prepared in consultation with City of Downey staff and in accordance with the procedures and methodologies for assessing transportation impacts established by the City. To assess the project's conformance with local operational standards, this study evaluates the project's effect on traffic operations and, if necessary, identifies recommended improvements or corrective measures to alleviate operational deficiencies substantially caused or worsened by the proposed project.

PROJECT DESCRIPTION

The 1.3-acre project site is located at 7360 Foster Bridge Boulevard in the City of Downey.

The project site is currently developed with an 8,480 square foot church which is proposed to be demolished. The proposed project involves construction of a new multifamily residential development with a total of 33 dwelling units. The proposed project is anticipated to be constructed and fully operational by year 2025.

The project involves a Zone Change from R-1 to R-3 and General Plan Amendment (GPA) to change the General Plan land use designation from LDR (Low Density Residential) to MDR (Medium Density Residential).

The project site is proposed to provide one full access driveway on Foster Bridge Boulevard and will have gated entry. An emergency vehicle access only driveway is proposed on Suva Street.

SCOPE OF ANALYSIS

The scope of this analysis was determined in consultation with City of Downey staff as documented in the City-approved scoping agreement provided in Appendix B.

Study Area

Based on the study intersections identified in the approved scoping agreement, the study area consists of the following study intersections and roadway segments within the City of Downey:

Study Intersections		Jurisdiction
1.	Suva Street (NS) at Scout Avenue (EW)	Bell Gardens
2.	Suva Street (NS) at Bluff Road/Foster Bridge Boulevard (EW)	Downey
3.	Suva Street (NS) at Guatemala Avenue (EW)	Downey
4.	Suva Street (NS) at Paramount Boulevard (EW)	Downey
5.	Foster Bridge Boulevard (NS) at Project Driveway (EW)	Downey

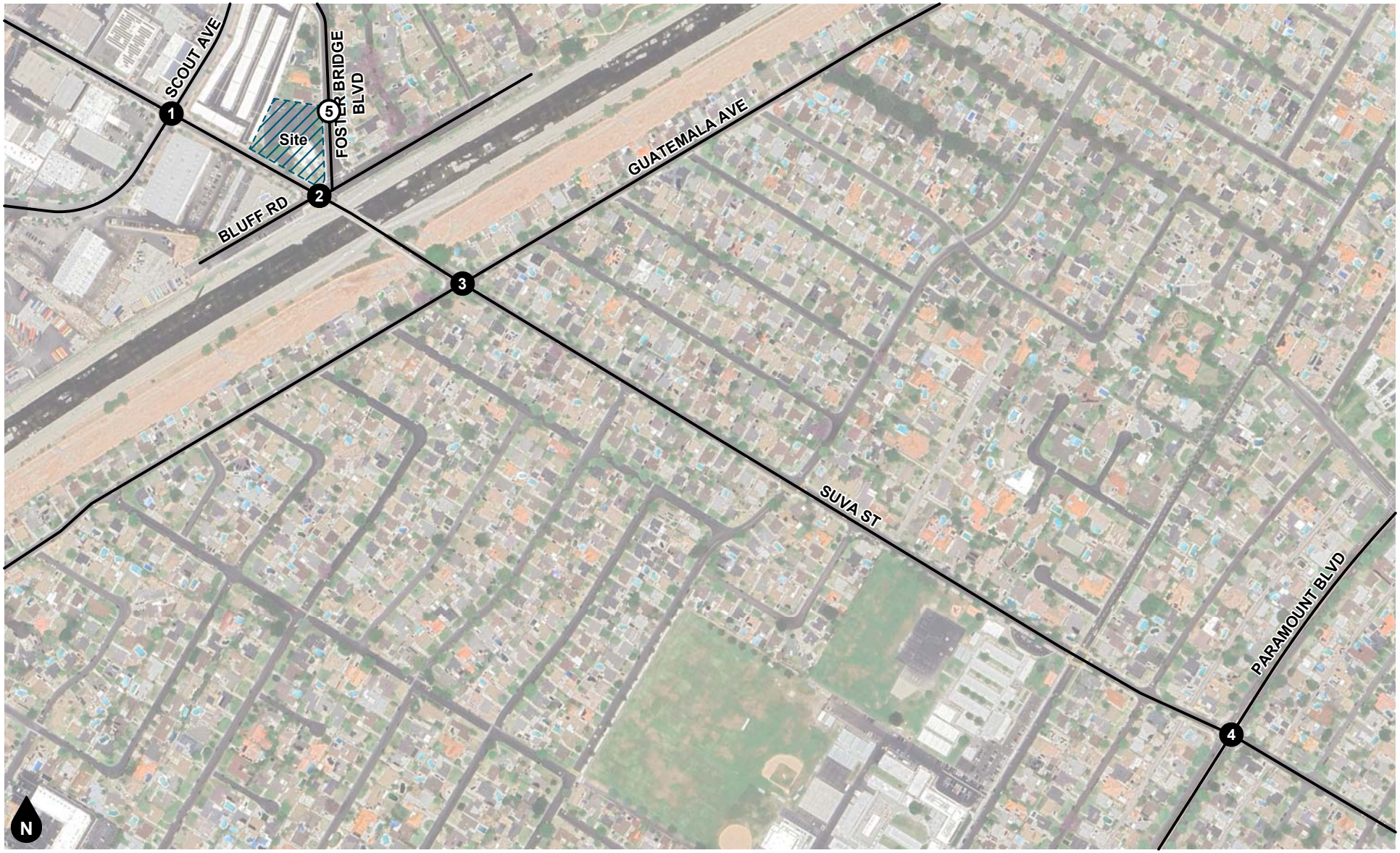
Notes:
(NS) = north-south roadway; (EW) = east-west roadway

Study Roadway Segments		Jurisdiction
1.	Suva Street, between Scout Avenue and Bluff Road	Downey
2.	Suva Street, between Bluff Road and Guatemala Avenue	Downey
3.	Scout Avenue, west of Suva Street	Bell Gardens
4.	Paramount Boulevard, east of Suva Street	Downey
4.	Paramount Boulevard, west of Suva Street	Downey
5.	Foster Bridge Boulevard, north of Bluff Road	Downey

Analysis Scenarios

In accordance with City of Downey requirements, the following scenarios are analyzed for weekday AM and PM peak hour conditions:

- Existing (2023);
- Existing Plus Ambient Growth Plus Cumulative (2025); and
- Existing Plus Ambient Growth Plus Cumulative Plus Project (2025).



Legend

(#) Study Intersection

(#) Project Driveway

Figure 1
Project Location Map

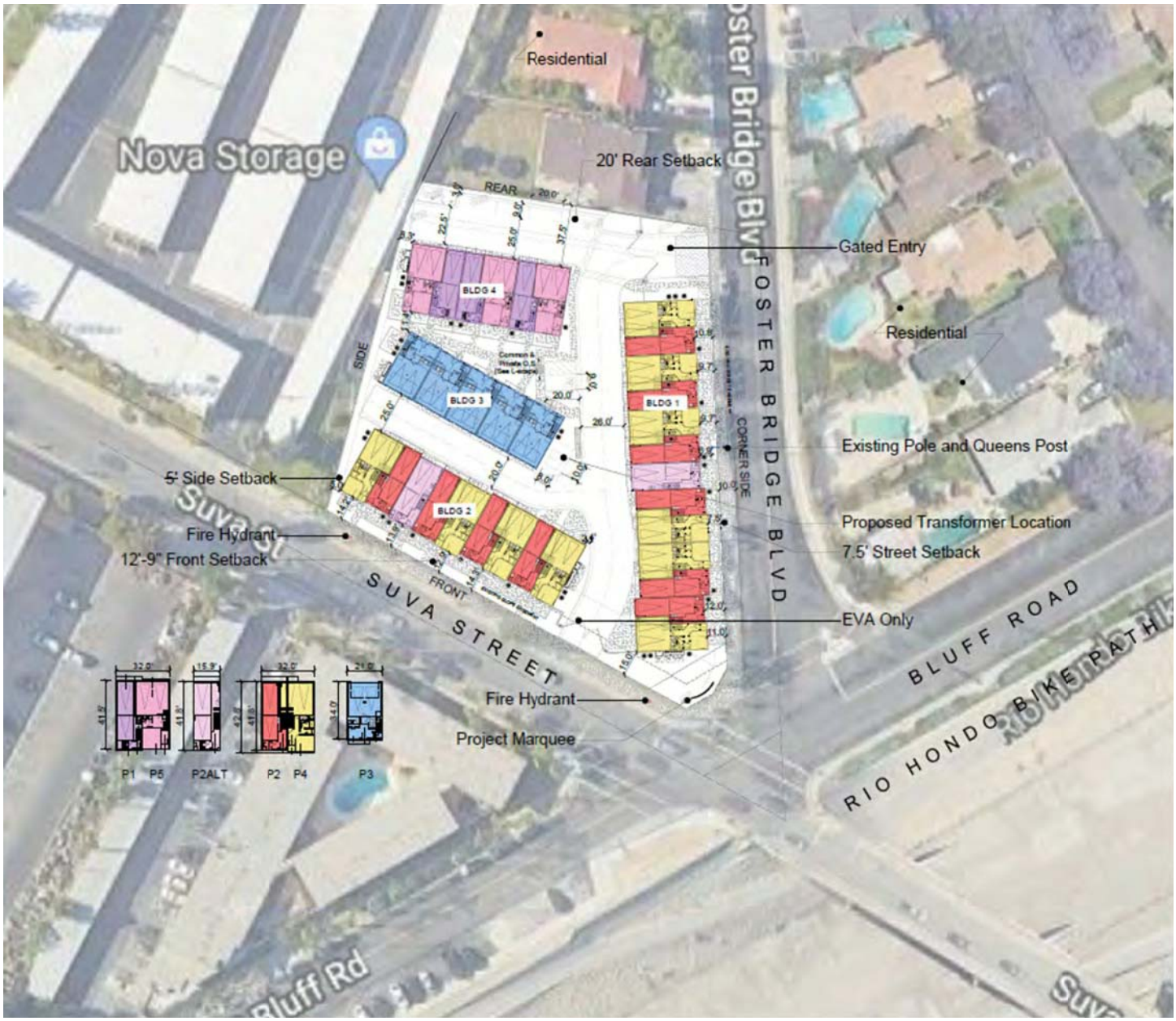


Figure 2
Site Plan

2. METHODOLOGY

This section discusses the analysis methodologies used to assess transportation facility performance as adopted by the respective jurisdictional agencies. In the absence of published traffic study guidelines from the City of Downey, the City generally follows the County of Los Angeles guidelines. Accordingly, this analysis has been performed based on the Los Angeles County Public Works *Transportation Impact Analysis Guidelines* (July 23, 2020).

INTERSECTION DELAY ANALYTICAL METHODOLOGY

The methodology used to assess the performance of intersections is known as the intersection delay methodology based on the procedures contained in the *Highway Capacity Manual*. The methodology compares the traffic volume using the intersection to the capacity of the intersection to calculate the delay associated with the traffic control at the intersection. The intersection delay is then correlated to a performance measure known as Level of Service based on the following thresholds:

Level of Service	Intersection Control Delay (Seconds / Vehicle)	
	Signalized Intersection	Unsignalized Intersection
A	≤ 10.0	≤ 10.0
B	> 10.0 to ≤ 20.0	> 10.0 to ≤ 15.0
C	> 20.0 to ≤ 35.0	> 15.0 to ≤ 25.0
D	> 35.0 to ≤ 55.0	> 25.0 to ≤ 35.0
E	> 55.0 to ≤ 80.0	> 35.0 to ≤ 50.0
F	> 80.0	> 50.0

Source: *Highway Capacity Manual* (Transportation Research Board, 7th Edition).

Level of Service is used to qualitatively describe the performance of a roadway facility, ranging from Level of Service A (free-flow conditions) to Level of Service F (extreme congestion and system failure). Intersection delay analysis was performed using the Vistro software.

If the paved lane width of a shared through/right turn lane is wide enough to permit a separate right turn, it is common practice for a right turn lane to be considered "de facto." To function as a de facto right turn lane there must be sufficient width for right turning vehicles to travel outside the through lane. This analysis uses a minimum lane width of 20 feet from curb to lane stripe. Additionally, a de facto right turn lane was only considered where on-street parking is prohibited near the intersection approach.

Performance Standards

The City of Downey General Plan Circulation Element has established LOS D as the minimum acceptable Level of Service at intersections and roadway segments.

If a project is forecast to result in a substantial operational deficiency, recommended corrective measures will be identified that would reduce the project's effect to a level that does not exceed the specified deficiency criteria. Corrective measures can be in many forms, including the construction of physical improvements (e.g., addition of travel lanes, traffic control modifications, etc.) or the implementation of transportation demand management measures.

ROADWAY SEGMENT CAPACITY ANALYTICAL METHODOLOGY

The technique used to assess the capacity needs of the roadway is known as the Volume to Capacity Ratio. Roadway segment operations were evaluated using daily volume to daily capacity ratios, (V/C). The average daily traffic volumes of the study roadways were compared with the county standards by roadway classification. General volume to capacity ratio ranges used for the purposes of estimating overall daily performance along the study roadway segments are as follows in conformance with the City of Downey General Plan:

0.00– 0.80 = Acceptable Capacity. This represents a range of free flow to stable flow, where the unrestricted speed and freedom to maneuver begins to become more limited by the increase in traffic. In general, the driver experiences only minor inconvenience, and traffic flow is quick but light during off-peak hours.

0.81 – 1.00 = Approaches Capacity. This represents high-density but stable flow, where speed and freedom to maneuver are restricted. In general, the driver experiences a degree of inconvenience during peak hours, and traffic flow is slow but steady during peak hours.

1.00 + = Potentially Exceeds Capacity. This is used to define forced or breakdown flow during peak hours. This condition exists wherever the amount of traffic exceeds the amount which can reasonably be handled by the roadway. In general, the driver experiences a high degree of inconvenience, and traffic flow is extremely slow with stop-and-go flow and traffic queues begin to form. This condition is typical of the breakdown in flow which occurs when an accident is present on the roadway.

A roadway segment is considered to operate within an acceptable level when the average daily traffic volume is below the daily roadway capacity. Table 1 shows the daily roadway capacities by roadway classification as established in the County of Los Angeles General Plan Update.[1]

The roadway segment capacity thresholds represent the theoretical maximum two-way average daily traffic volumes that any given roadway is able to accommodate within one day, given typical peak hour characteristics. Generally, roadway segment analysis is performed for planning purposes to determine where potential capacity issues may occur during peak hours and is affected by such factors as the number of intersections (spacing, configuration and control features), degree of access control, roadway grades, design geometrics (horizontal and vertical alignments), sight distance, vehicle mix (truck and bus traffic), and bicycle/pedestrian traffic. Roadway segments benefit from on-going traffic signal progression timing adjustments that maximize green time during peak traffic demands.

In the cases where the roadway segment potentially exceeds daily capacity, further evaluation of peak hour operations should be considered. As intersections are typically the most constrained points along a roadway segment, a roadway segment may be considered to operate acceptably if the intersections on both ends of the roadway segment operate acceptably during peak hours, even if the average daily traffic volume exceeds the theoretical capacity.

[1] *Programmatic Traffic Impact Study County of Los Angeles General Plan Update* (Iteris, June 10, 2014)

Table 1
County of Los Angeles Roadway Segment Daily Capacities

Roadway Classification	Number of Lanes	Maximum Two-Way Traffic Volume (ADT)[1,2] Level of Service				
		A	B	C	D	E
Major Highway	6	32,400	37,800	43,200	48,600	54,000
Major Highway	8	43,200	50,400	57,600	64,800	72,000
Secondary Highway	4	21,600	25,200	28,800	32,400	36,000
Limited Secondary Highway	4	21,600	25,200	28,800	32,400	36,000
Limited Secondary Highway	2	10,800	12,600	14,400	16,200	18,000
Parkway	2+	Varies	Varies	Varies	Varies	Varies
Collector	2	9,000	10,500	12,000	13,500	15,000
Local St	2	1,500	1,750	2,000	2,250	2,500
Expressway	4	26,400	30,800	35,200	39,600	44,000
Expressway	8	52,800	61,600	70,400	79,200	88,000

Level of Service	Volume to Capacity Ratio
A	0.000 - 0.600
B	0.601 - 0.700
C	0.701 - 0.800
D	0.801 - 0.900
E	0.901 - 1.000
F	>1.000

Notes:

(1) Source: *Programmatic Traffic Impact Study County of Los Angeles General Plan Update* (Iteris, June 10, 2014); Table 4: Roadway Classifications.

(2) Average Daily Traffic Volumes

(3) These roadway capacities are "rule of thumb" estimates for planning purposes. The Level of Service "E" volumes are estimated maximum daily capacity for respective classifications.

3. EXISTING CONDITIONS

EXISTING ROADWAY SYSTEM

Figure 3 identifies the lane geometry and intersection traffic controls for Existing conditions based on a field survey of the study area. Regional access to the project area is provided by the Interstate 5 freeway approximately 0.9 miles northeast of the project site and the I-710 freeway approximately 1.80 miles west of the project site. The key north-south roadways providing local circulation are Suva Street and Foster Bridge Boulevard. The key east-west roadways providing local circulation are Scout Avenue, Bluff Road, Guatemala Avenue, and Paramount Boulevard.

Suva Street is a 2-lane undivided roadway in the study area. Suva Street is classified as a Collector north of Paramount Boulevard to the City of Downey boundary and unclassified south of Paramount Boulevard in the City of Downey Circulation Plan. The City of Bell Gardens also classifies Suva Street as a Collector north of the City boundary. On-street parking is generally permitted in the project area. No bicycle facilities are provided in the study area, Sidewalks are provided on both sides of the roadway north of Paramount Boulevard and not provided south of Paramount Boulevard.

Foster Bridge Boulevard is a 2-lane undivided roadway in the study area. Foster Bridge Boulevard is classified as a Collector in the City of Downey Circulation Plan. On-street parking is generally permitted in the project area. No bicycle facilities are provided in the study area. Sidewalks are provided on both sides of the roadway.

Scout Avenue is a 4-lane undivided roadway in the study area. Scout Avenue is classified as an Avenue in the City of Bell Gardens Circulation Plan. On-street parking is generally permitted in the project area. No bicycle facilities are provided in the study area. Sidewalks are provided on the north side of the roadway.

Bluff Road is a 2-lane undivided roadway in the study area. Bluff Road is classified as a Collector east of Suva Street and is not classified west of Bluff Road in the City of Downey Circulation Plan. On-street parking is generally prohibited in the project area. No bicycle facilities are provided in the study area. Sidewalks are provided on both sides of the roadway west of Suva Street and not provided east of Suva Street.

Guatemala Avenue is a 2-lane undivided roadway in the study area. Guatemala Avenue is not classified in the City of Downey Circulation Plan. On-street parking is generally permitted in the project area. No bicycle facilities are provided in the study area. Sidewalks are intermittently provided on the north side of the roadway east of Suva Street and generally not provided west of Suva Street and on the south side of the roadway east of Suva Street.

Paramount Boulevard is a 4-lane divided roadway in the study area. Paramount Boulevard is classified as a Major Arterial in the City of Downey Circulation Plan. On-street parking is prohibited in the project area. No bicycle facilities are provided in the study area. Sidewalks are provided on both sides of the roadway.

PEDESTRIAN FACILITIES

Existing pedestrian facilities in the project vicinity are shown on Figure 4.

BICYCLE ROUTES

No on-street bicycle facilities are provided in the project area. The County of Los Angeles Bikeways Map is depicted on Figure 5, and shows the Rio Hondo bike path just south of the project site with bike path access points located on the southern boundary of Bluff Road near the project site.

TRANSIT FACILITIES

Figure 6 shows the existing transit routes available in the project vicinity. As shown on Figure 6, Los Angeles County Metropolitan Transportation Authority Route 265 services Paramount Boulevard.

GENERAL PLAN CONTEXT

Figure 7 shows the City of Downey Circulation Plan roadway classifications map. This figure shows the nature and extent of arterial and collector highways that are needed to adequately serve the ultimate development depicted by the Land Use Element of the General Plan. The City of Downey standard roadway cross-sections are illustrated on Figure 8.

Figure 9 shows the City of Bell Gardens Circulation Plan roadway classifications map. This figure shows the nature and extent of arterial and collector highways that are needed to adequately serve the ultimate development depicted by the Land Use Element of the General Plan. The City of Bell Gardens standard roadway cross-sections are illustrated on Figure 10.

EXISTING TRAFFIC VOLUMES

Figure 11 and Figure 12 show the Existing AM and PM peak hour intersection turning movement volumes. Existing peak hour intersection volumes are based upon AM peak period and PM peak period intersection turning movement counts obtained in August 2023 during typical weekday conditions when schools were in session. The weekday AM peak period was counted between 7:00 AM and 9:00 AM and the weekday PM peak period was counted between 4:00 PM and 6:00 PM; these periods capture the peak times for commuter traffic when the roadway system is typically experiencing peak demand. The actual peak hour within each two-hour count period is determined based on the sum of the four consecutive 15-minute periods with the highest total volume. Thus, the weekday PM peak hour at one intersection may be 4:45 PM to 5:45 PM if those four consecutive 15-minute periods have the highest total volume and may vary at other intersections. Intersection turning movement count worksheets are provided in Appendix C.

Existing average daily traffic volumes have been based 24-hour roadway segment counts obtained by Ganddini Group, Inc. in August 2023 (see Appendix C) for the roadway segments that have been analyzed in this report as part of the roadway segment analysis.

EXISTING LEVELS OF SERVICE

The roadway segment Levels of Service for Existing conditions are shown in Table 2. As shown in Table 2, the existing roadway segments currently operate within acceptable Levels of Service.

The intersection Levels of Service for existing conditions are shown in Table 3. Existing intersection Level of Service worksheets are provided in Appendix D. As shown in Table 3, the study intersections currently operate within acceptable Levels of Service during the peak hours for existing conditions.

EXISTING TRAFFIC SIGNAL WARRANTS

The application of traffic control devices is governed by Federal standards adopted by the State of California and contained in the *California Manual on Uniform Traffic Control Devices* (California Department of Transportation, 2014 Edition) ["CA MUTCD"]. Part 4C – Traffic Control Signal Needs Studies of the CA MUTCD contains a series of warrants, or criteria, which serve to determine whether installation of a traffic signal is justified at a particular location. The CA MUTCD states that a traffic control signal should not be installed unless one or more warrants are satisfied. Application of the traffic signal warrants should be based

on engineering judgement and satisfaction of one or more traffic signal warrants shall not in itself require the installation of a traffic signal.

The unsignalized study intersection of Suva Street and Guatemala Avenue was evaluated for the potential need to install a traffic signal using the CA MUTCD peak hour traffic signal warrant graphs (Warrant 3). Peak hour traffic signal warrant worksheets are provided in Appendix E.

For existing conditions, a traffic signal does not appear to be warranted at the intersection of Suva Street/Guatemala Avenue based on the CA MUTCD peak hour traffic signal warrant graphs (Warrant 3).

Table 2
Existing Roadway Segment Daily Capacity Analysis

Roadway	Segment	Roadway Segment Standards[1]			Existing ADT[3]	V/C[4]	Capacity Threshold	LOS[5]
		Classification	Lanes	Capacity[2]				
Suva St	Scout Ave to Bluff Road	Collector	2	15,000	6,354	0.42	Acceptable	A
	Bluff Road to Guatemala Ave	Collector	2	15,000	11,972	0.80	Acceptable	C
Scout Ave	West of Suva St	Ave	4	36,000	7,036	0.20	Acceptable	A
Paramount Blvd	East of Suva St	Major Arterial	4	36,000	35,660	0.99	Approaches Capacity	E
	West of Suva St	Major Arterial	4	36,000	33,234	0.92	Approaches Capacity	E
Foster Bridge Blvd	North of Bluff Road	Collector	2	15,000	4,094	0.27	Acceptable	A

Notes:

(1) See Table 1.

(2) The County of Los Angeles roadway maximum capacity at Level of Service "E" (see Table 1).

(3) ADT = Average Daily Traffic Volume.

(4) V/C = Volume to Capacity Ratio.

(5) LOS = Level of Service (Based on the Level of Service standards on Table 1).

Table 3
Existing Intersection Level of Service

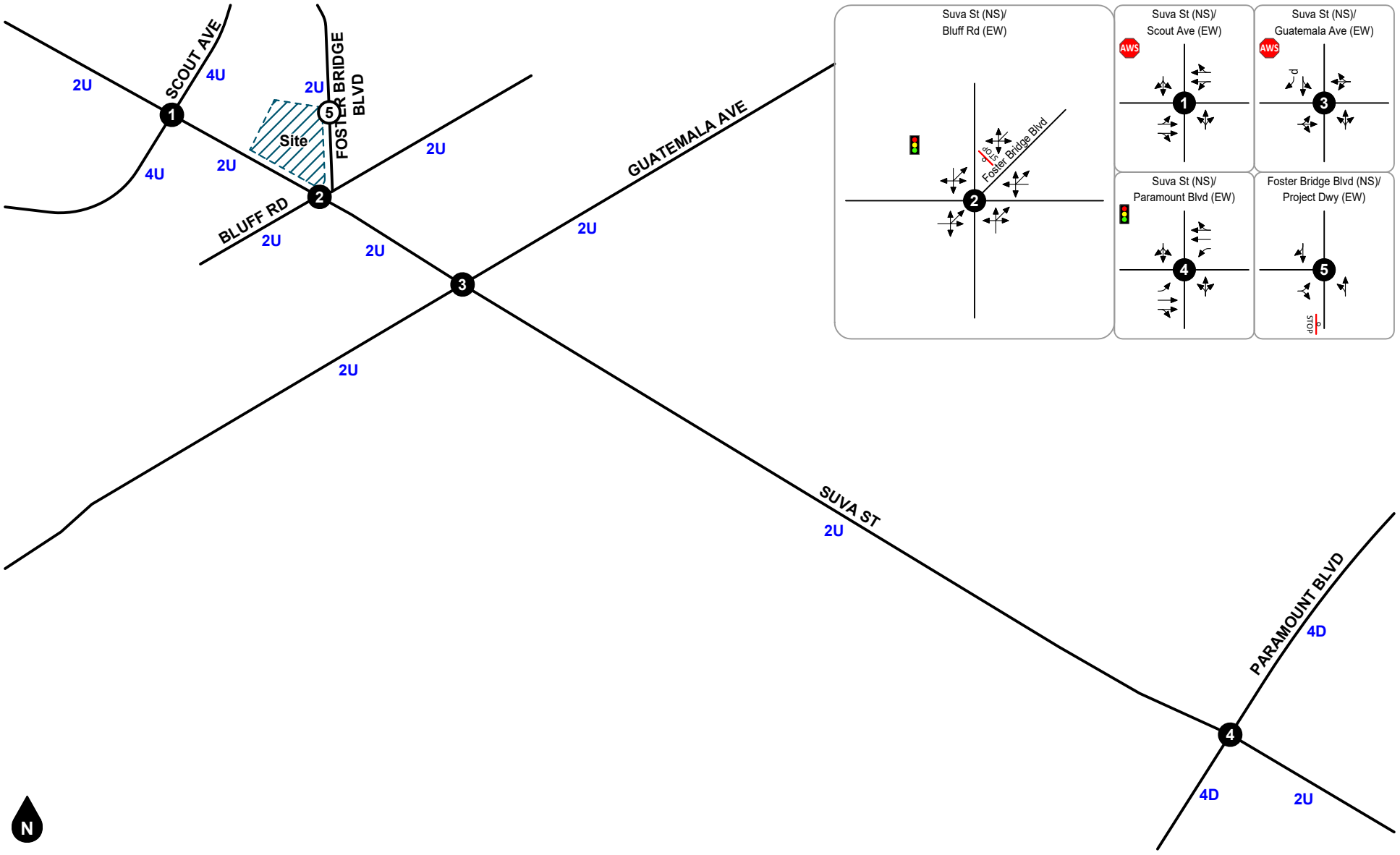
ID	Study Intersection	Traffic Control[1]	AM Peak Hour		PM Peak Hour	
			Delay[2]	LOS[3]	Delay[2]	LOS[3]
1.	Suva St at Scout Ave	AWS	16.9	C	11.6	B
2.	Suva St at Bluff Rd/Foster Bridge Blvd	TS	15.9	B	12.8	B
3.	Suva St at Guatemala Ave	AWS	19.6	E	28.0	D
4.	Suva St at Paramount Blvd	TS	20.8	C	34.6	C

Notes:

(1) AWS = All Way Stop; TS = Traffic Signal

(2) Delay is shown in seconds/vehicle. For intersections with traffic signal or all way stop control, overall average intersection delay and LOS are shown.

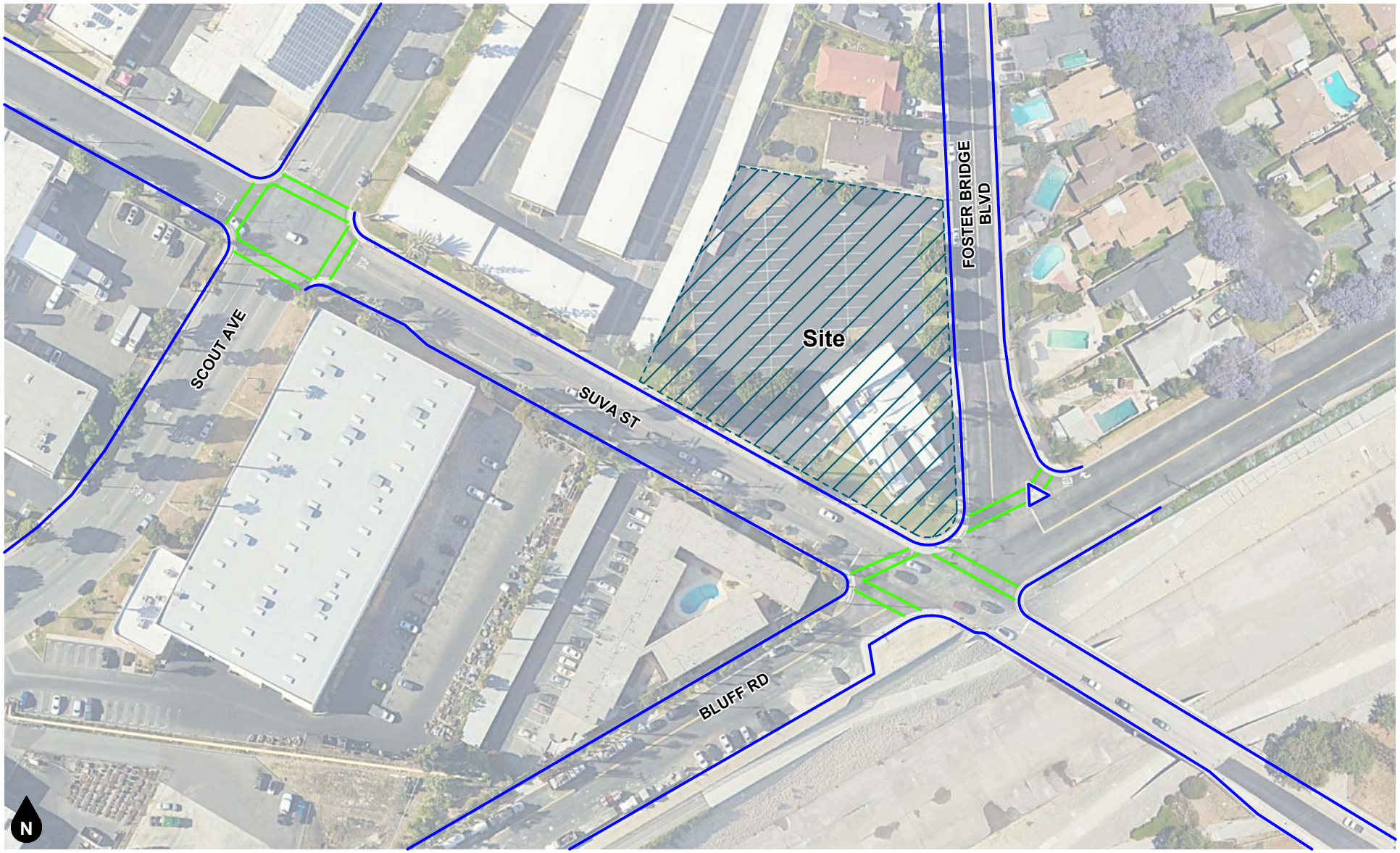
(3) LOS = Level of Service



Legend

- Traffic Signal
- All Way Stop
- Stop Sign
- #D #-Lane Divided Roadway
- #U #-Lane Undivided Roadway
- Existing Lane
- d De Facto Right Turn Lane

Figure 3
Existing Lane Geometry and Intersection Traffic Controls



Legend
- Sidewalk
- Cross Walk

Figure 4
Existing Pedestrian Facilities

Legend

Existing Bikeway Path

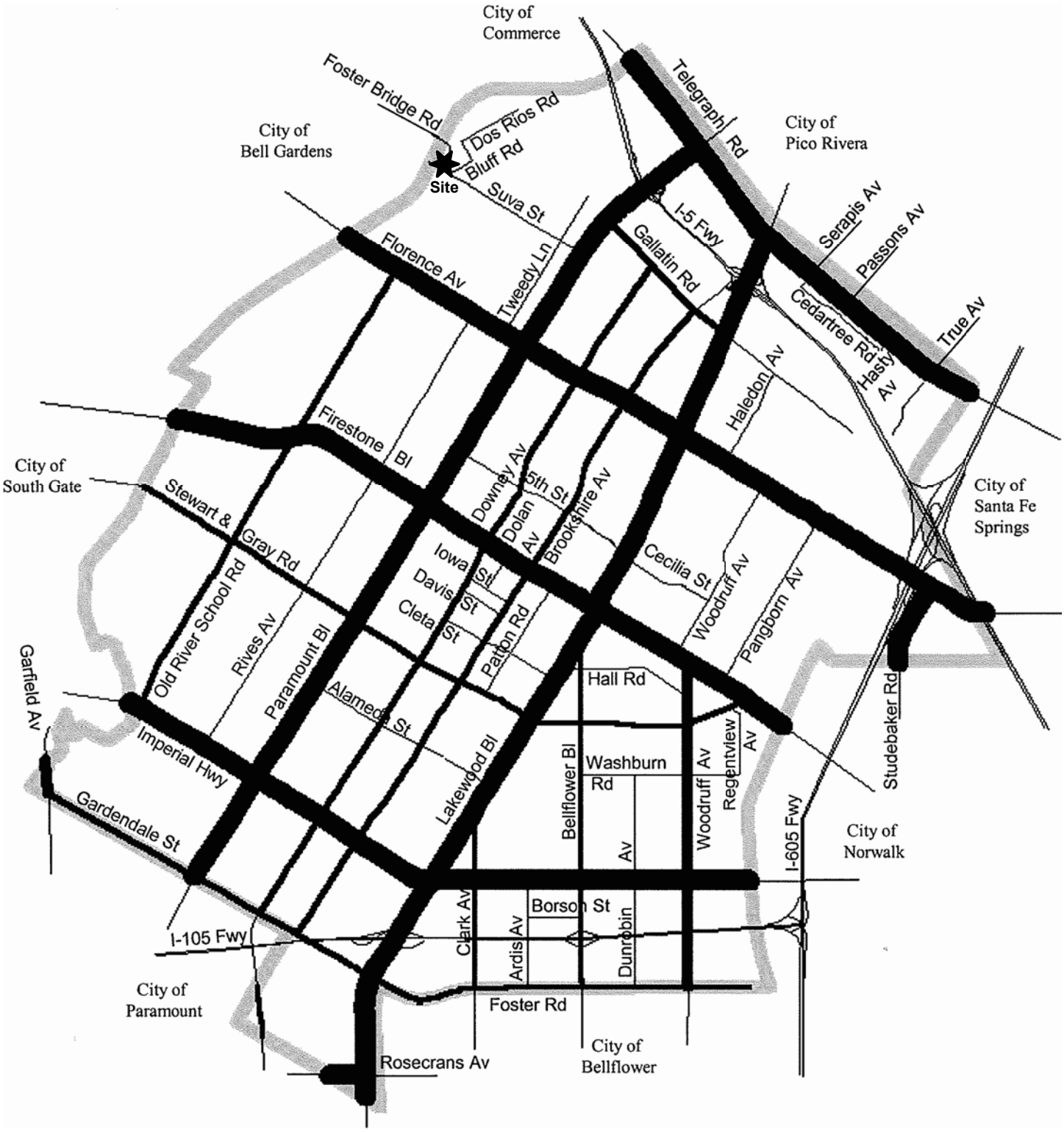
Bike Path Access Point

Figure 5
County of Los Angeles Bikways Map

Source: County of Los Angeles

Figure 6
Los Angeles County Metropolitan Transportation Authority System Map

Source: L.A. Metro



Source: City of Downey

Figure 7
City of Downey Circulation Plan

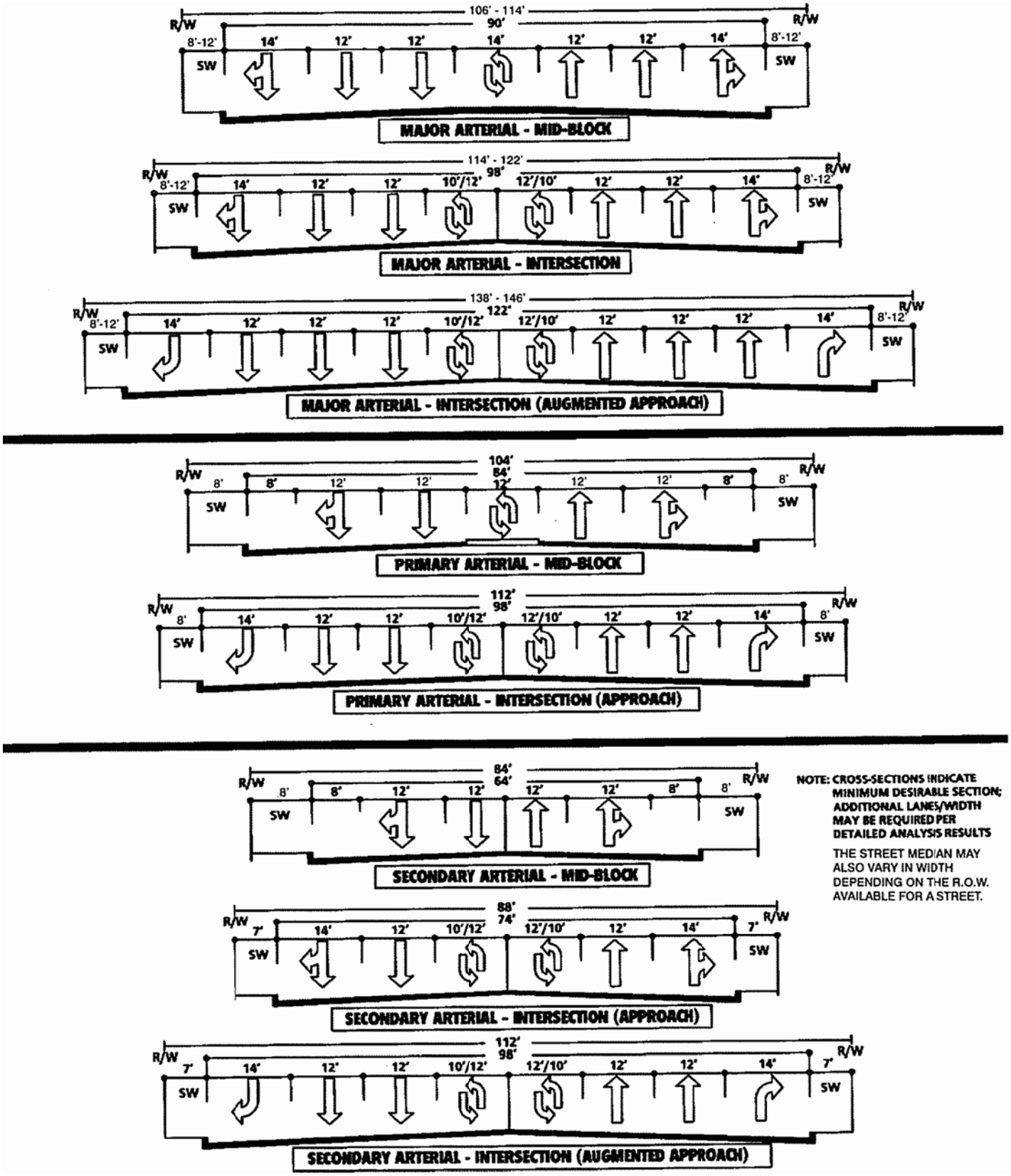
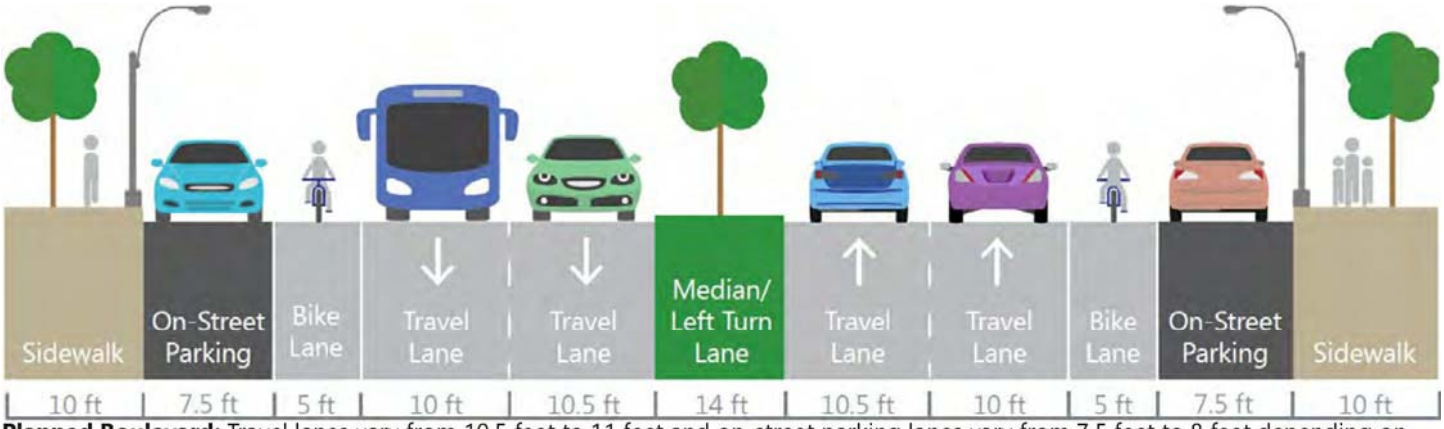


Figure 8
City of Downey Roadway Cross-Sections

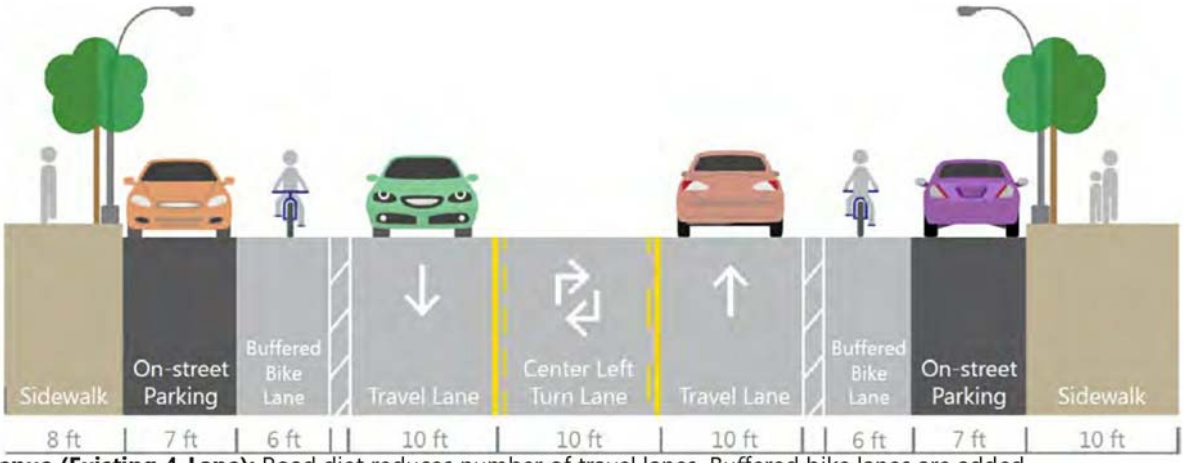
Source: City of Downey

Figure 9
City of Bell Gardens Circulation Plan

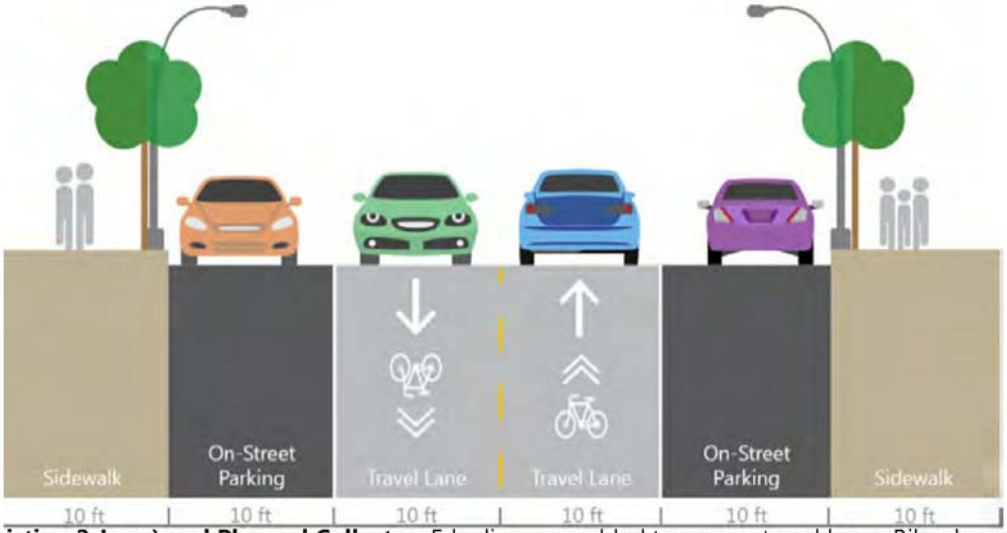
Source: City of Bell Gardens



Planned Boulevard: Travel lanes vary from 10.5 feet to 11 feet and on-street parking lanes vary from 7.5 feet to 8 feet depending on curb-to-curb width. Standard bike lanes are added.



Planned Avenue (Existing 4-Lane): Road diet reduces number of travel lanes. Buffered bike lanes are added.



Planned Avenue (Existing 2-Lane) and Planned Collector: Edgelines are added to narrow travel lanes. Bike sharrows are added.

Figure 10
City of Bell Gardens Roadway Cross-Sections

Source: City of Bell Gardens

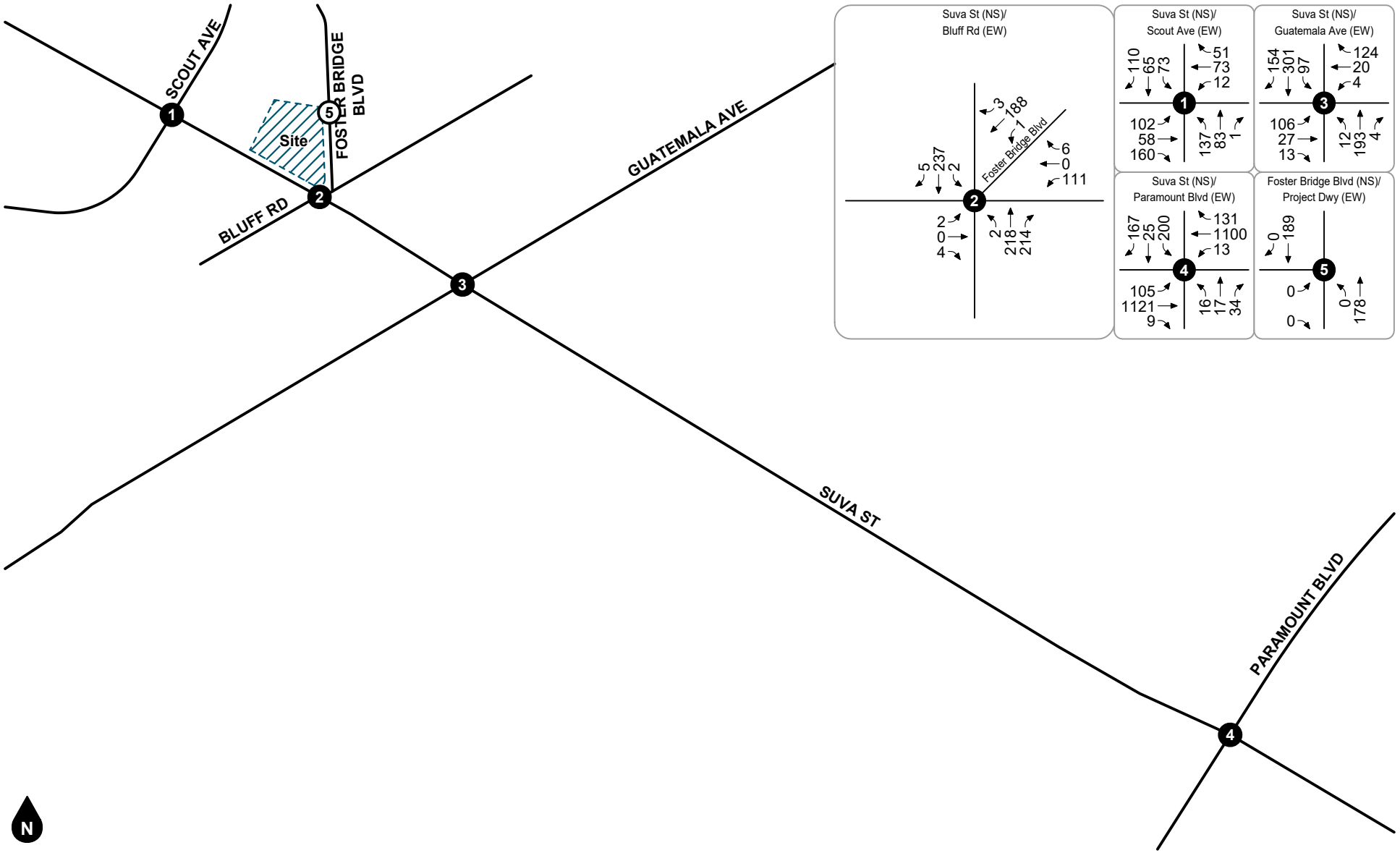


Figure 11
Existing AM Peak Hour Intersection Turning Movement Volumes

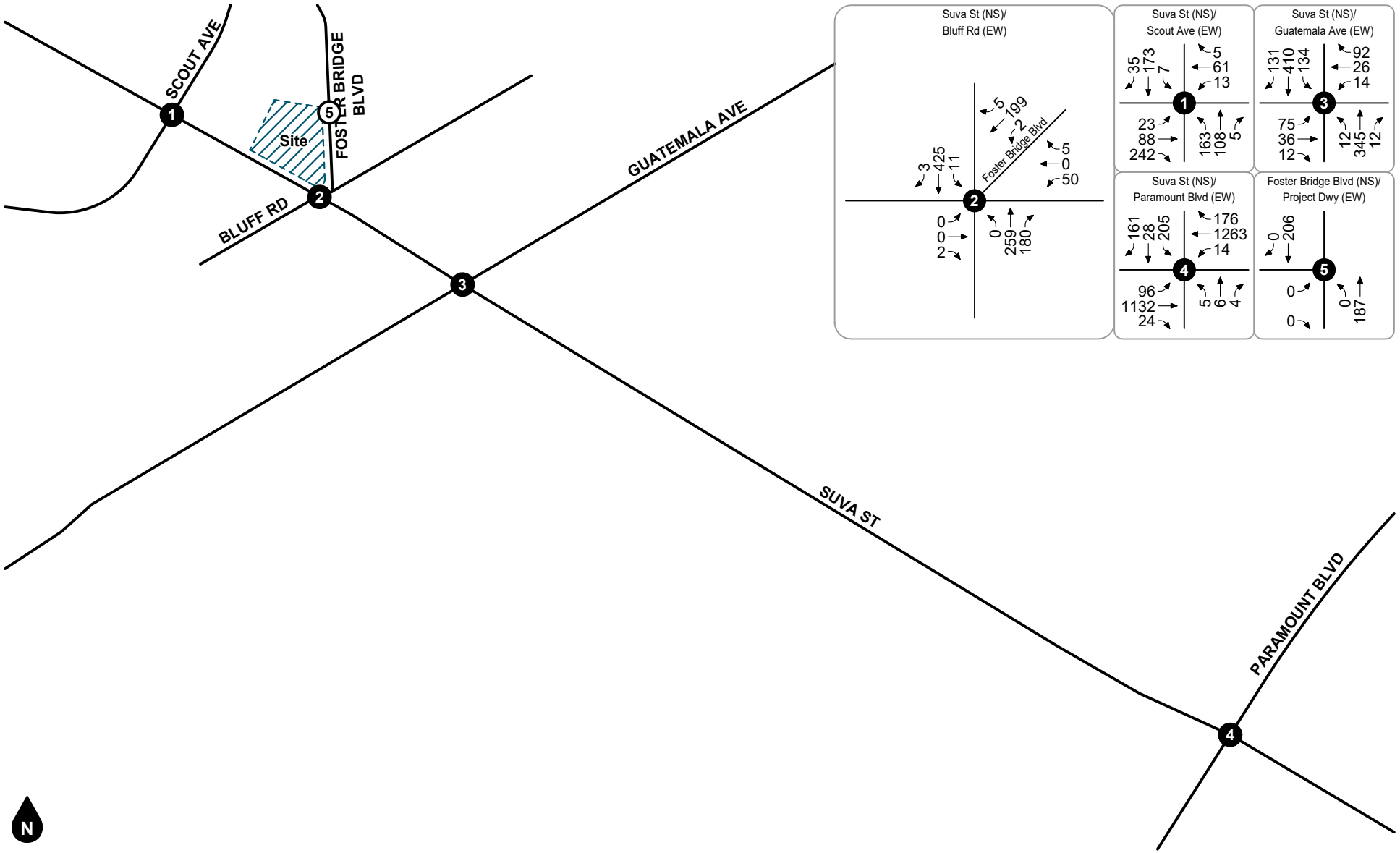


Figure 12
Existing PM Peak Hour Intersection Turning Movement Volumes

4. PROJECT FORECASTS

This section describes how project trip generation, trip distribution, and trip assignment forecasts were developed. The forecast project volumes are illustrated on figures contained in this section.

PROJECT TRIP GENERATION

Table 4 and Table 5 show the existing land uses and project trip generation for potential church and residential uses based upon trip generation rates obtained from the Institute of Transportation Engineers (ITE) *Trip Generation Manual* (11th Edition, 2021). Based on review of the ITE land use descriptions, trip generation rates for Church (ITE Land Use Code 560) and Multi-Family Housing (Low-Rise) (ITE Land Use Code 220) were determined to adequately represent the existing land use and proposed project and were used for calculating the project trip generation forecasts. The existing land use and project trip generation forecasts were determined by multiplying the trip generation rates by the land use quantities.

As shown in Table 4, the existing land uses currently generate approximately 64 daily trips, including 3 trips during the AM peak hour and 4 trips during the PM peak hour.

As shown in Table 5, the proposed project is forecast to generate approximately 222 daily trips, including 13 trips during the AM peak hour and 17 trips during the PM peak hour.

As shown in Table 6, the proposed project is forecast to generate approximately 158 additional daily trips compared to existing project site uses, including 10 additional trips during the AM peak hour and 13 additional trips during the PM peak hour.

PROJECT TRIP DISTRIBUTION AND ASSIGNMENT

Figure 13 and Figure 14 show the existing and forecast directional distribution patterns for the project generated trips. The existing and project trip distribution patterns are based on review of existing volume data, surrounding land uses, and the local and regional roadway facilities in the project vicinity.

The project-generated AM and PM peak hour intersection turning movement volumes are shown on Figure 15 and Figure 16.

Table 4
Existing Trip Generation

Trip Generation Rates									
			AM Peak Hour			PM Peak Hour			
Land Use	Source[1]	Unit[2]	% In	% Out	Rate	% In	% Out	Rate	Daily
Church	ITE 560	TSF	62%	38%	0.32	44%	56%	0.49	7.60

Trips Generated									
			AM Peak Hour			PM Peak Hour			
Land Use	Quantity	Unit[2]	In	Out	Total	In	Out	Total	Daily
Church	8.480	TSF	2	1	3	2	2	4	64

Notes:

(1) ITE = Institute of Transportation Engineers *Trip Generation Manual* (11th Edition, 2021);### = Land Use Code

(2) TSF = Thousand Square Feet

Table 5
Project Trip Generation

Trip Generation Rates									
			AM Peak Hour			PM Peak Hour			
Land Use	Source[1]	Unit[2]	% In	% Out	Rate	% In	% Out	Rate	Daily
Multi-Family Housing (Low-Rise)	ITE 220	DU	24%	76%	0.40	63%	37%	0.51	6.74

Trips Generated									
			AM Peak Hour			PM Peak Hour			
Land Use	Quantity	Unit[2]	In	Out	Total	In	Out	Total	Daily
Multi-Family Housing (Low-Rise)	33	DU	3	10	13	11	6	17	222

Notes:

(1) ITE = Institute of Transportation Engineers *Trip Generation Manual* (11th Edition, 2021); ### = Land Use Code

(2) DU = Dwelling Units

Table 6
Project Trip Generation Comparison

Trips Generated							
	AM Peak Hour			PM Peak Hour			
Land Use	In	Out	Total	In	Out	Total	Daily
Existing Land Use[1]	2	1	3	2	2	4	64
Proposed Project[2]	3	10	13	11	6	17	222
Net New Trips	**+1**	**+9**	**+10**	**+9**	**+4**	**+13**	**+158**

Notes:
(1) See Table 4.
(2) See Table 5.

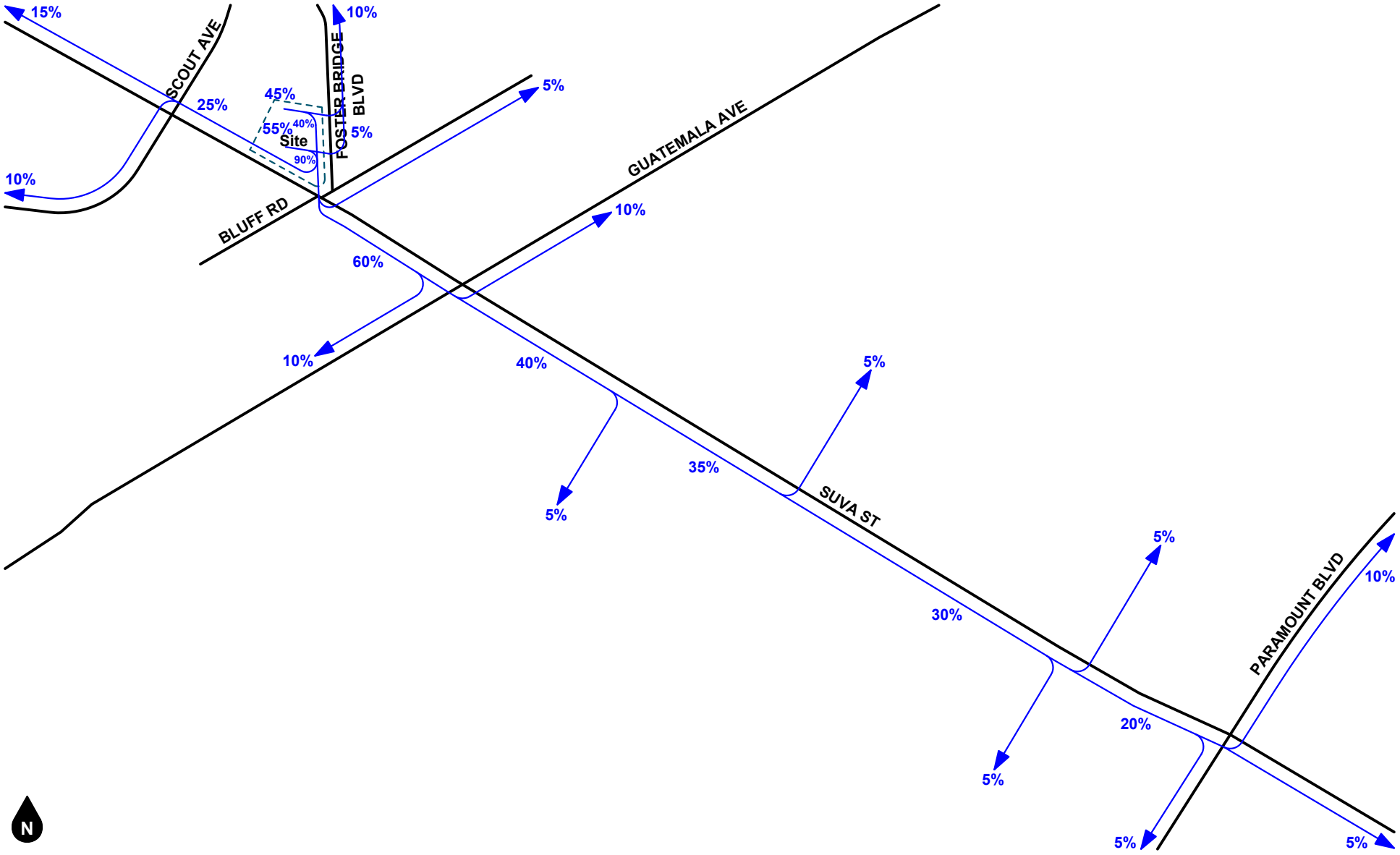


Figure 13
Existing Trip Distribution

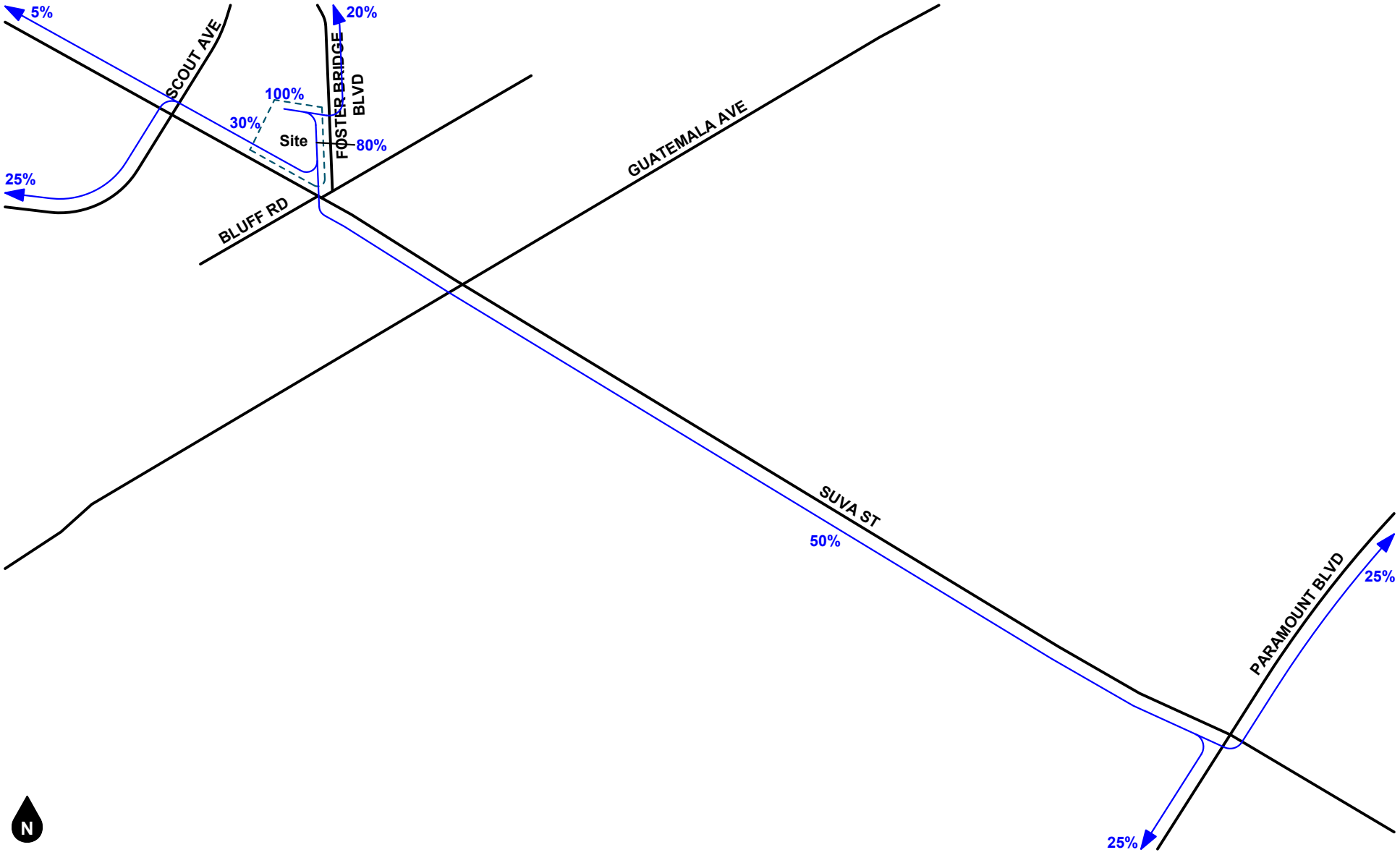
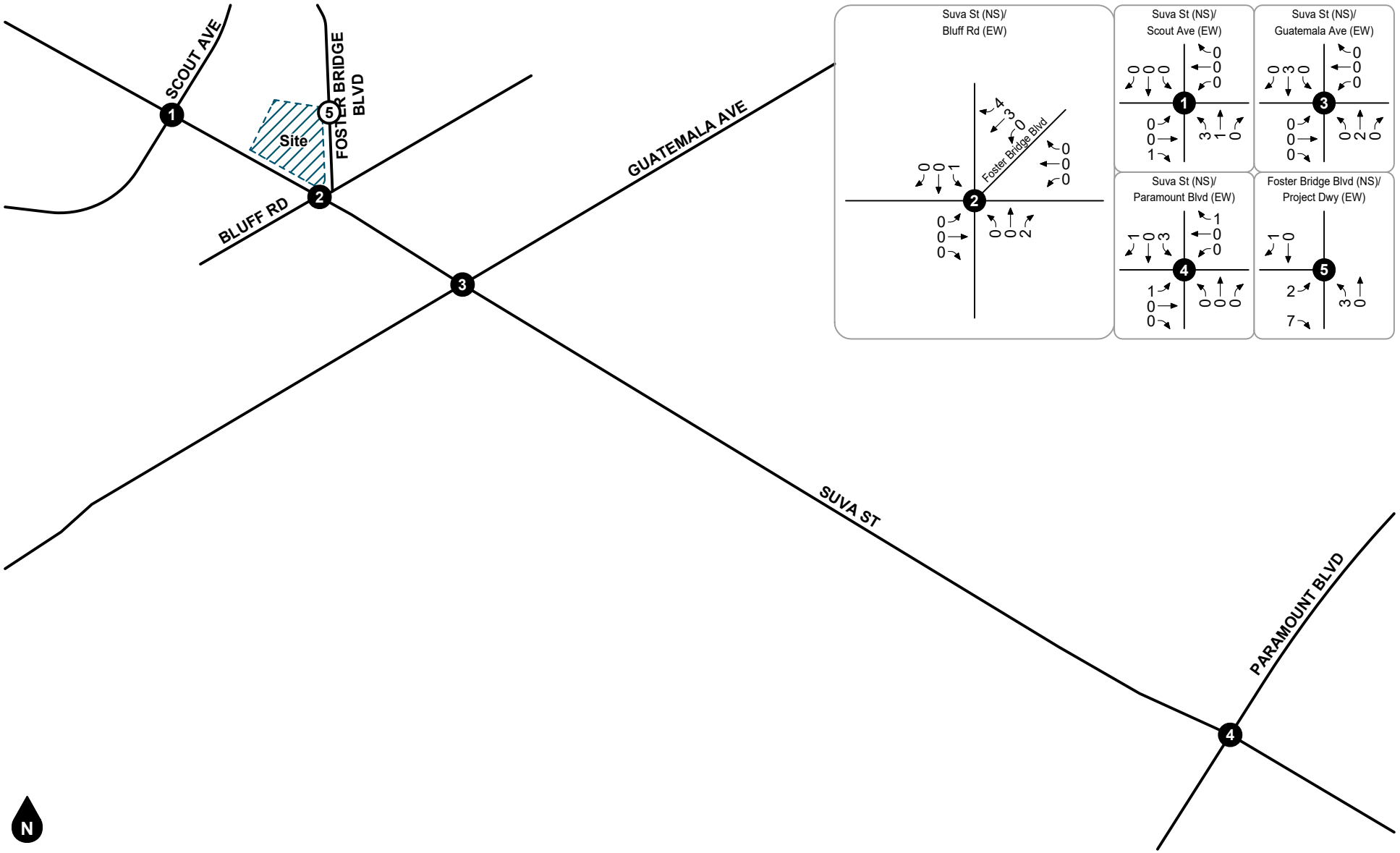


Figure 14
Project Trip Distribution

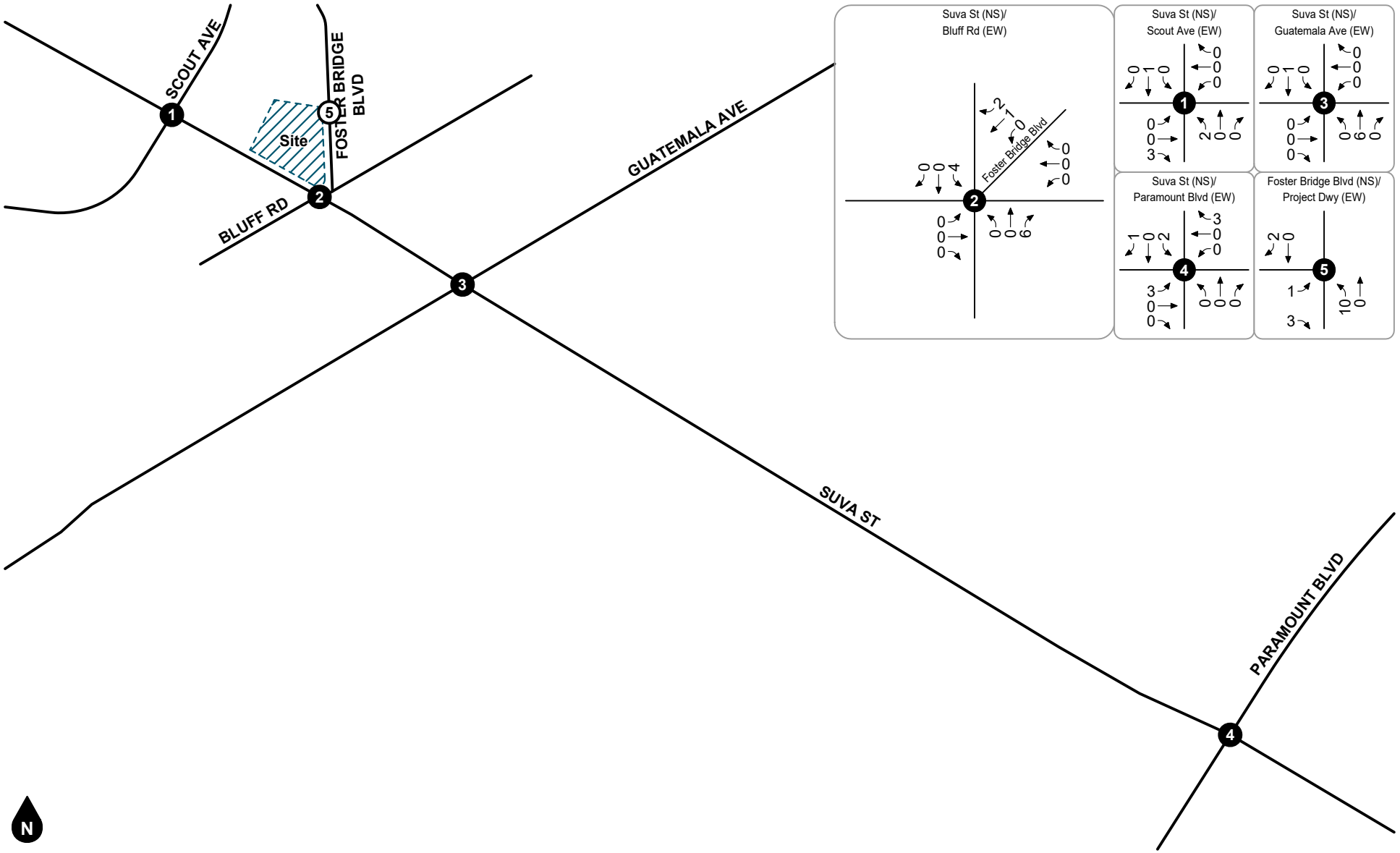


Legend

Study Intersection

(#) Project Driveway

Figure 15
Project AM Peak Hour Intersection Turning Movement Volumes



Legend

Study Intersection

(#) Project Driveway

Figure 16
Project PM Peak Hour Intersection Turning Movement Volumes

5. FUTURE VOLUME FORECASTS

This section describes how future volume forecasts for each analysis scenario were developed. Forecast study area volumes are illustrated on figures contained in this section.

OTHER DEVELOPMENT

To account for trips generated by future development, trips generated by other development projects in the Cities of Downey, Bell Gardens, Pico, Rivera, Commerce, and Montebello were added to the study area as provided by each City Planning Department staff. Table 7 shows the trip generation summary for other development projects. Figure 17 shows the other development location map.

Figure 18 and Figure 19 show the forecast AM and PM peak hour intersection turning movement volumes for trips generated by other developments.

AMBIENT GROWTH

To account for ambient growth on roadways, existing traffic volumes were increased by a growth rate of 0.2-percent per year over a two-year period for Cumulative [Opening Year (2025)] conditions; this equates to a total growth factor of approximately 1.004. The ambient growth rate was conservatively applied to all movements at the study intersections.

ANALYSIS SCENARIO VOLUME FORECASTS

Existing Plus Ambient Growth Plus Cumulative

Existing Plus Ambient Growth Plus Cumulative volume forecasts were derived by adding the other development generated trips to Existing volumes with ambient growth. Existing Plus Ambient Growth Plus Cumulative AM and PM peak hour intersection turning movement volumes are shown on Figure 20 and Figure 21.

Existing Plus Ambient Growth Plus Cumulative Plus Project

Existing Plus Ambient Growth Plus Cumulative Plus Project volume forecasts were derived by adding project generated trips to Existing Plus Ambient Growth Plus Cumulative volumes. Existing Plus Ambient Growth Plus Cumulative Plus Project AM and PM peak hour intersection turning movement volumes are shown on Figure 22 and Figure 23.

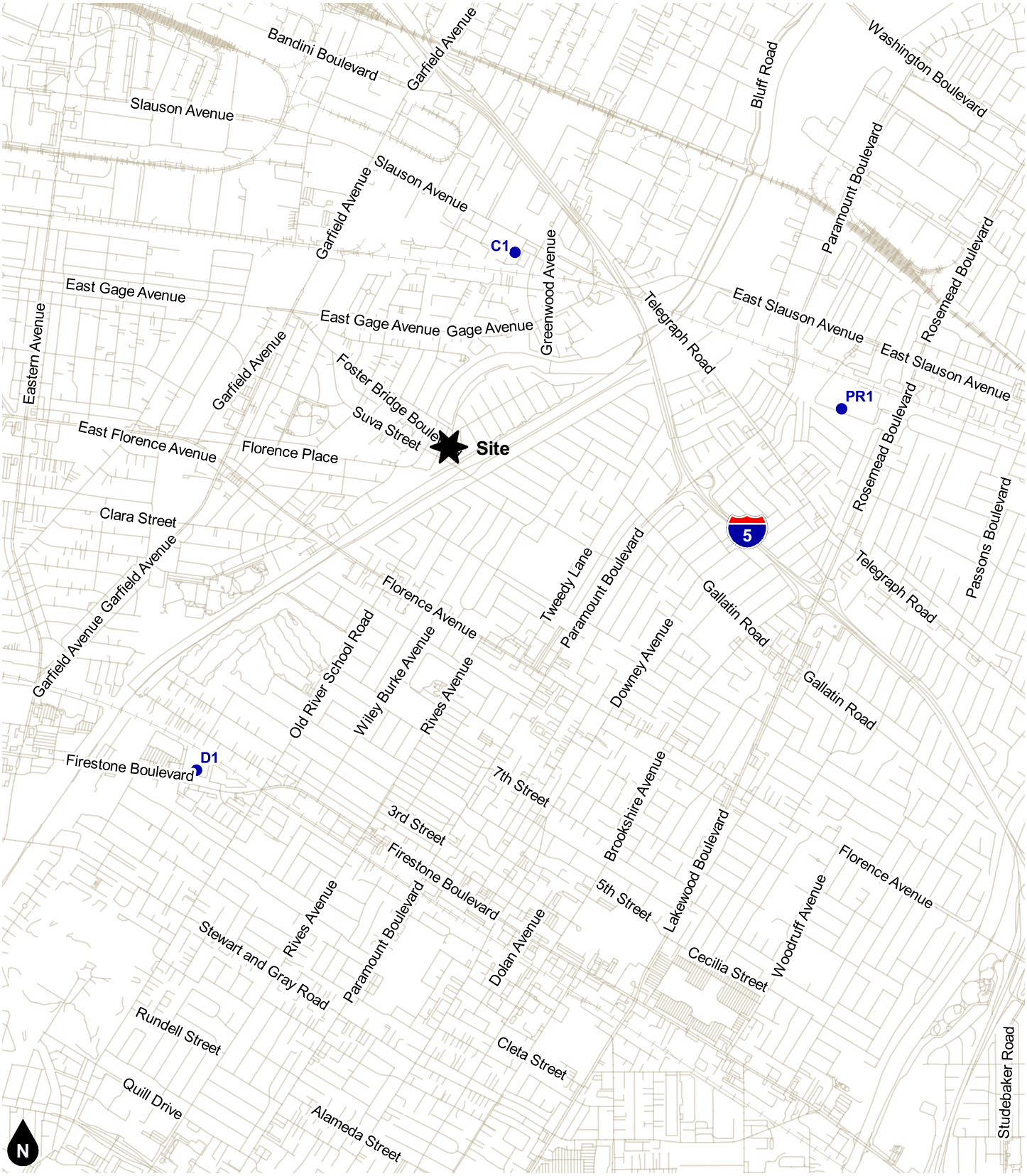
Table 7
Other Development Trip Generation

Map ID	Address	Land Use	Source[1]	Quantity[2]	AM Peak Hour			PM Peak Hour			Daily
					In	Out	Total	In	Out	Total	
City of Downey											
D1	7201 Firestone Blvd	Commercial	ITE 821	59.500 TSF	64	39	103	151	157	308	4,017
		- Pass-By (40% PM)			--	--	--	-60	-63	-123	-123
		Fast-Food Restaurant w/ Drive-Thru Window	ITE 221	6.508 TSF	148	142	290	112	103	215	3,042
		- Pass-By (50% AM, 55% PM)			-74	-71	-145	-62	-57	-119	-264
		Subtotal			138	110	248	141	140	281	6,672
City of Pico Rivera											
PR1	8101 Rosemead Blvd	Office	ITE 710	68.837 TSF	92	13	105	17	82	99	746
City of Commerce											
C1	7400 Slauson Ave[3]	Existing									
		Warehousing									
		- Passenger Cars			29	13	41	9	37	45	653
		- Trucks			7	12	19	16	3	19	276
		Proposed									
		Light Industriall/Warehousing	[a]	296.166 TSF							
		- Passenger Cars			97	15	112	16	87	103	746
		- Trucks			1	1	2	4	3	7	140
		Difference									
		- Passenger Cars			69	3	71	8	51	58	94
		- Trucks			-6	-11	-17	-12	0	-12	-136
		Subtotal			63	-9	55	-4	51	47	-42
Total					293	114	408	154	273	427	7,376

Notes:
(1) ITE = Institute of Transportation Engineers *Trip Generation Manual* (11th Edition, 2021); ### = Land Use Code

[a] = *7400 Slauson Ave Focused Traffic Assessment* (Urban Crossroads, January 4, 2023).

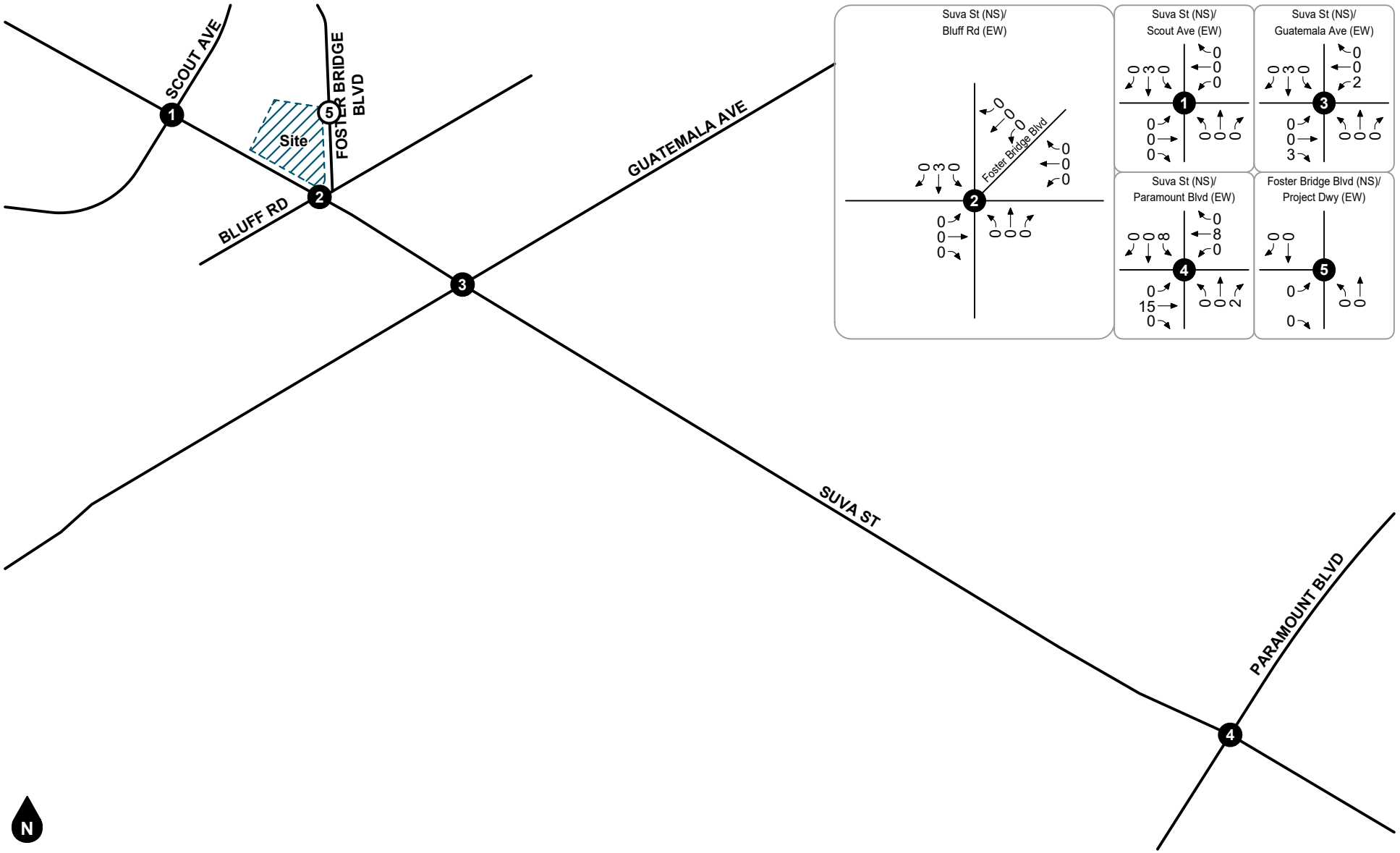
(2) TSF = Thousand Square Feet



Legend

- Other Development

Figure 17
Other Development Location Map



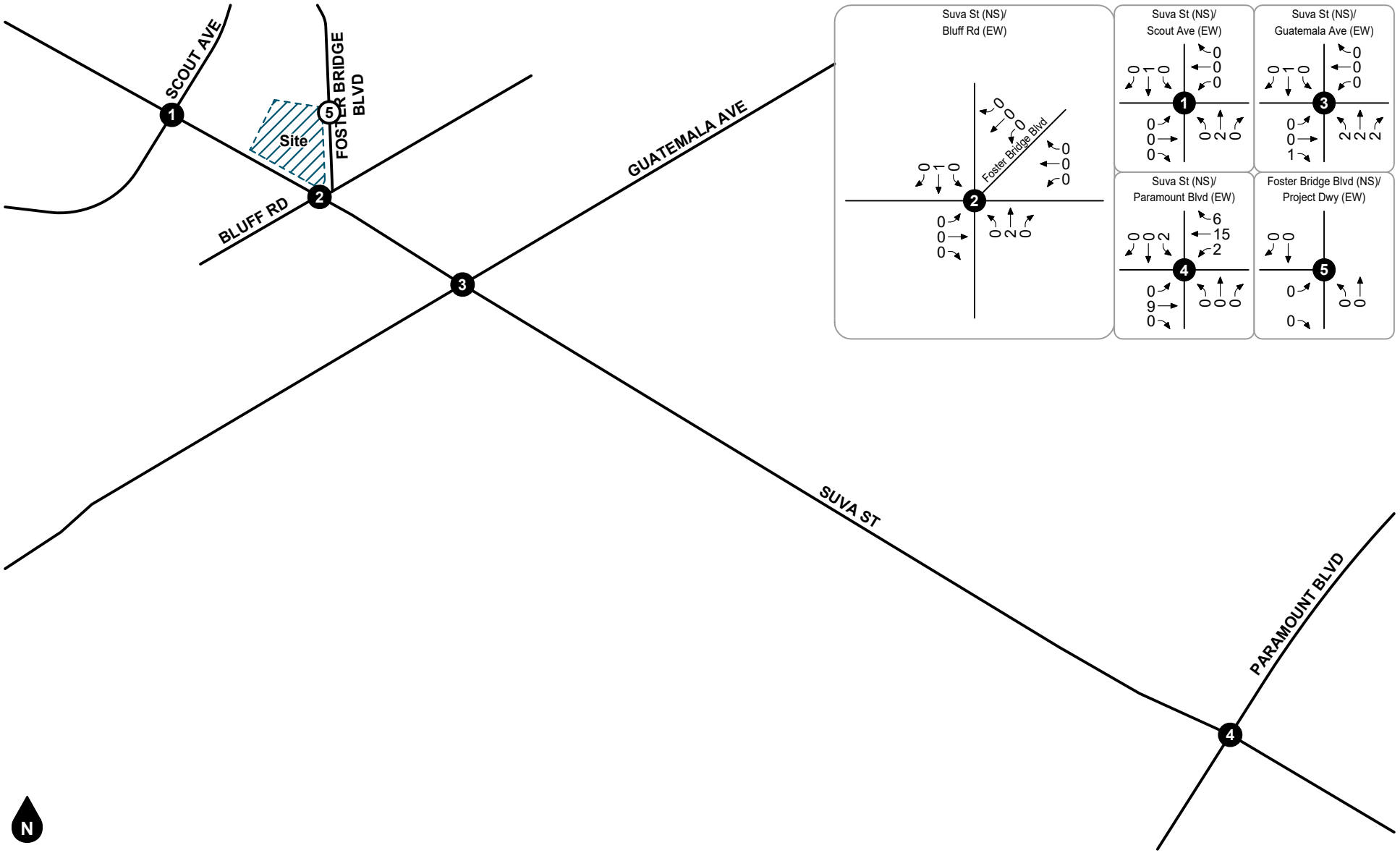
N

Legend

Study Intersection

(#) Project Driveway

Figure 18
Other Development
AM Peak Hour Intersection Turning Movement Volumes

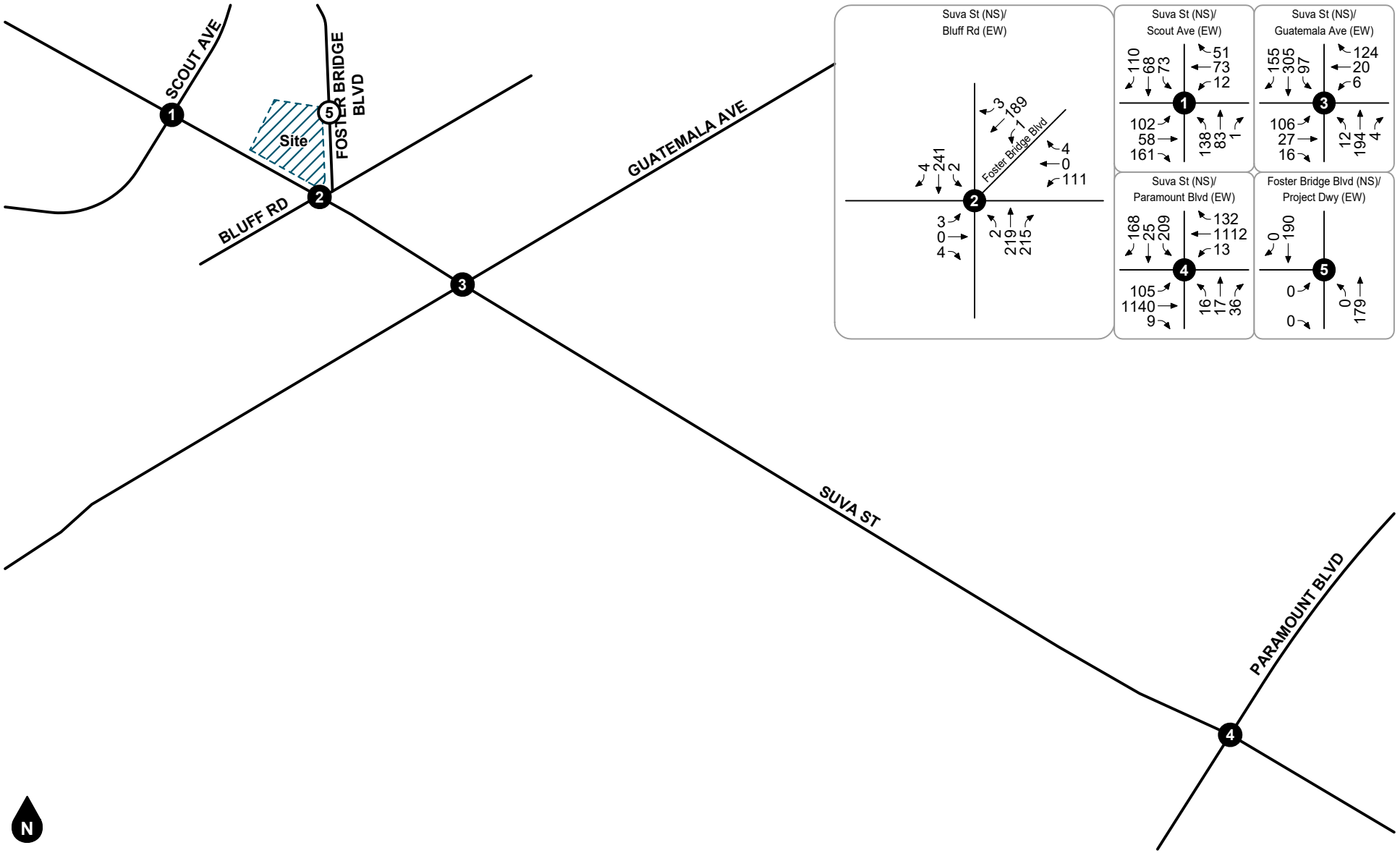


Legend

Study Intersection

(#) Project Driveway

Figure 19
Other Development
PM Peak Hour Intersection Turning Movement Volumes



Legend

Study Intersection

(#) Project Driveway

Figure 20
Existing Plus Ambient Growth Plus Cumulative
AM Peak Hour Intersection Turning Movement Volumes

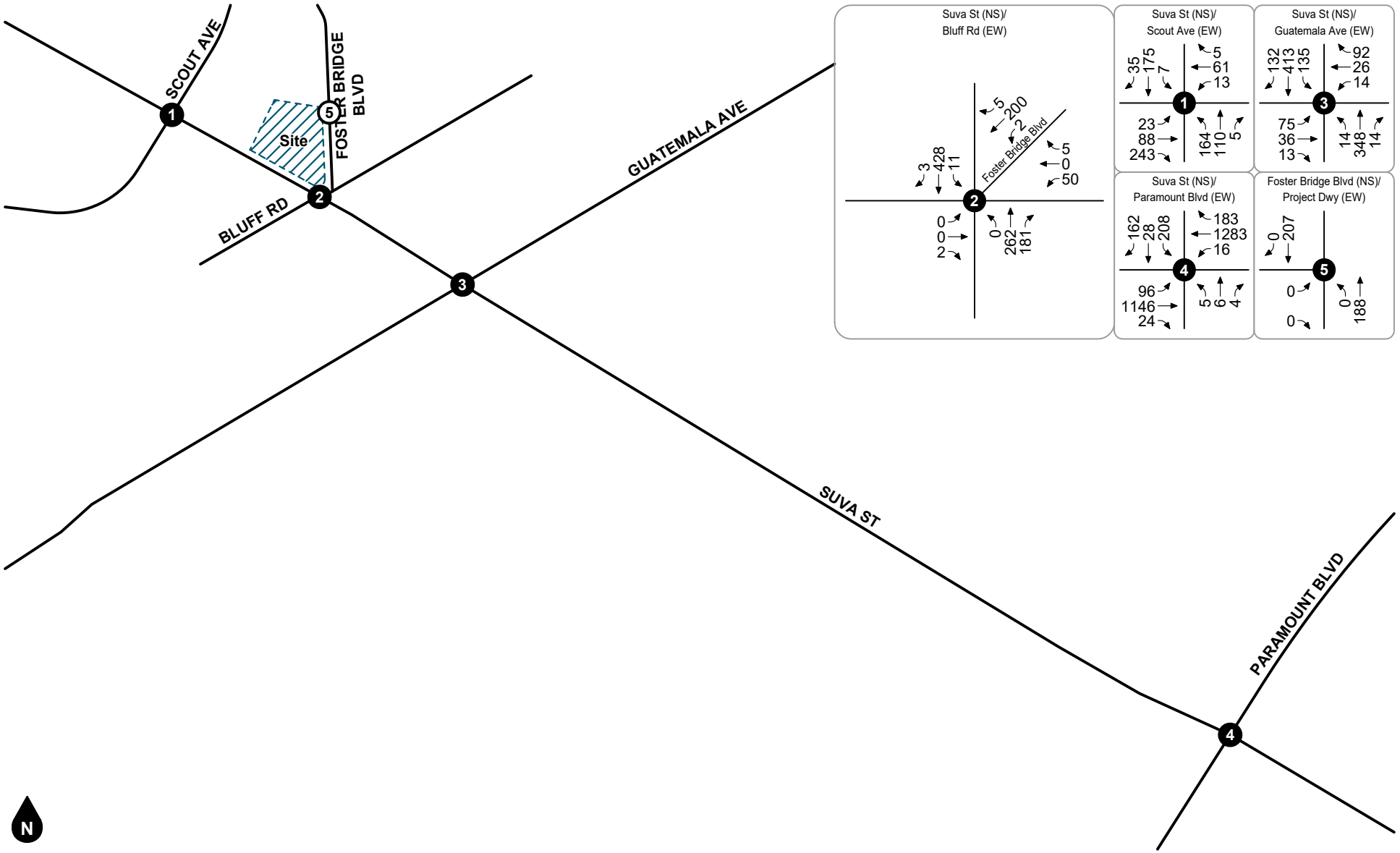
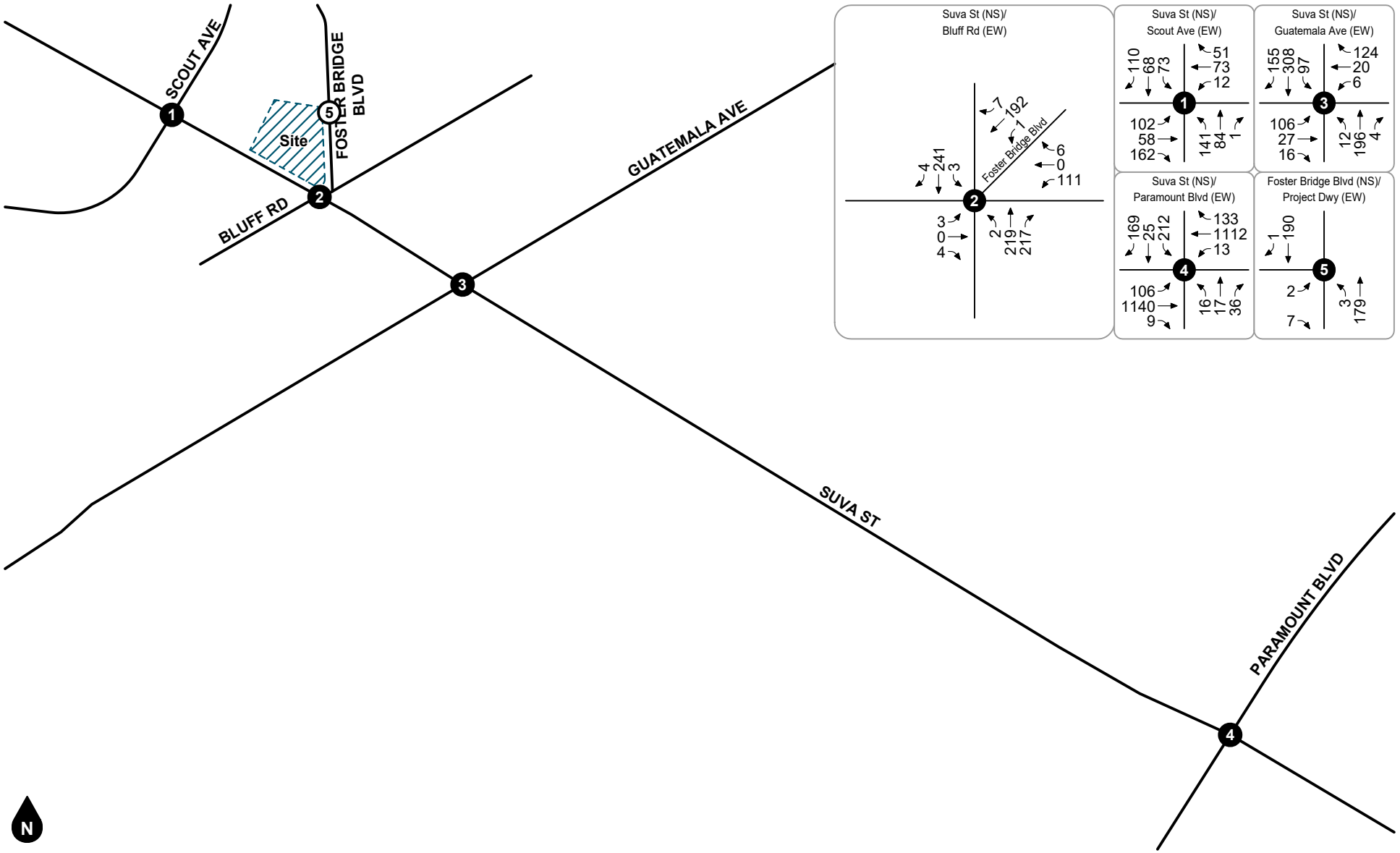


Figure 21
Existing Plus Ambient Growth Plus Cumulative
PM Peak Hour Intersection Turning Movement Volumes



Legend

Study Intersection

(#) Project Driveway

Figure 22
Existing Plus Ambient Growth Plus Cumulative Plus Project AM Peak Hour Intersection Turning Movement Volumes

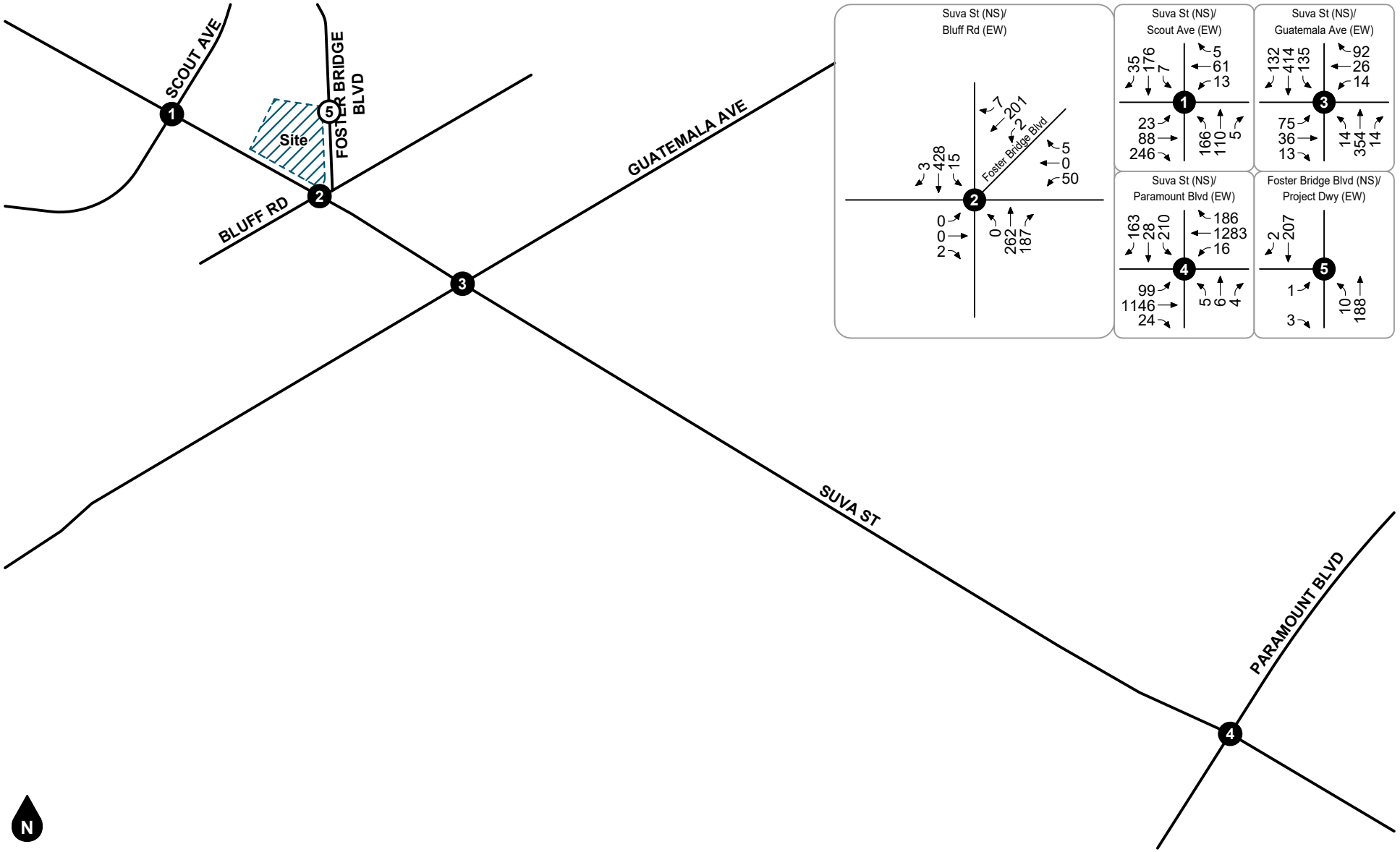


Figure 23
Existing Plus Ambient Growth Plus Cumulative Plus Project
AM Peak Hour Intersection Turning Movement Volumes

6. FUTURE OPERATIONAL ANALYSIS

Detailed intersection Level of Service calculation worksheets for each of the following analysis scenarios are provided in Appendix D.

EXISTING PLUS AMBIENT GROWTH PLUS CUMULATIVE

Table 8 shows the roadway segment capacity analysis for Existing Plus Ambient Growth Plus Cumulative conditions. As shown in Table 8, the study roadway segments are forecast to operate within acceptable Levels of Service for Existing Plus Ambient Growth Plus Cumulative conditions, except for the following roadway segment that is forecast to potentially exceed capacity:

- Paramount Boulevard, East of Suva Street

Although this roadway segment is projected to operate at an unacceptable Level of Service, the intersection of Suva Street at Paramount Boulevard (Int. #4) is projected to operate within acceptable Levels of Service during the peak hours (see Table 9). Two through lanes along Paramount Boulevard are maintained through the intersection of Suva Street. Thus, since the roadway segment acts as a free-flowing corridor between points of conflict (intersections), and the point of conflict (Suva Street at Paramount Boulevard – Intersection # 4) is projected to operate at acceptable Levels of Service during the peak hours, improvements are not recommended along this roadway segment.

Intersection Levels of Service for Existing Plus Ambient Growth Plus Cumulative are shown in Table 9. As shown in Table 9, the study intersections are forecast to operate within acceptable Levels of Service during the peak hours for Existing Plus Ambient Growth Plus Cumulative conditions; no intersection improvements are recommended.

EXISTING PLUS AMBIENT GROWTH PLUS CUMULATIVE PLUS PROJECT

Table 10 shows the roadway segment capacity analysis for Existing Plus Ambient Growth Plus Cumulative Plus Project conditions. As shown in Table 10, the study roadway segments are forecast to operate within acceptable Levels of Service for Existing Plus Ambient Growth Plus Cumulative Plus Project conditions, except for the following roadway segment that is forecast to potentially exceed capacity:

- Paramount Boulevard, East of Suva Street

Improvements are not recommended along this roadway segment even though the roadway segment due to acceptable peak hour operations at the adjacent points of conflict (Suva Street/Paramount Boulevard intersection) as previously described. In addition, the project is forecast to add a relatively negligible number of trips per day along this segment such that no appreciable change in the volume-to-capacity ratio is expected for Existing Plus Ambient Growth Plus Cumulative Plus Project conditions.

Intersection Levels of Service for Existing Plus Ambient Growth Plus Cumulative Plus Project are shown in Table 11. As shown in Table 11, the study intersections are forecast to operate within acceptable Levels of Service during the peak hours for Existing Plus Ambient Growth Plus Cumulative Plus Project conditions; no intersection improvements are recommended.

FUTURE TRAFFIC SIGNAL WARRANT ANALYSIS

The unsignalized study intersection of Suva Street and Guatemala Avenue was evaluated for the potential need to install a traffic signal using the CA MUTCD peak hour traffic signal warrant graphs (Warrant 3). Peak hour traffic signal warrant worksheets are provided in Appendix E.

For all future conditions evaluated, a traffic signal does not appear to be warranted at the intersection of Suva Street/Guatemala Avenue based on the CA MUTCD peak hour traffic signal warrant graphs (Warrant 3).

Table 8
Existing Plus Ambient Growth Plus Cumulative Roadway Segment Daily Capacity Analysis

Roadway	Segment	Roadway Segment Standards[1]			ADT[3]				V/C[5]	Capacity Threshold	LOS[6]
		Classification	Lanes	Capacity[2]	Existing	Existing Plus Ambient Growth	Cumulative	Existing Plus Ambient Growth Plus Cumulative			
Suva St	Scout Ave to Bluff Road	Collector	2	15,000	6,354	6,379	22	6,401	0.43	Acceptable	A
	Bluff Road to Guatemala Ave	Collector	2	15,000	11,972	12,020	22	12,042	0.80	Approaches Capacity	D
Scout Ave	West of Suva St	Ave	4	36,000	7,036	7,064	0	7,064	0.20	Acceptable	A
Paramount Blvd	East of Suva St	Major Arterial	4	36,000	35,660	35,803	480	36,283	1.01	Potentially Exceeds Capacity	F
	West of Suva St	Major Arterial	4	36,000	33,234	33,367	408	33,775	0.94	Approaches Capacity	E
Foster Bridge Blvd	North of Bluff Road	Collector	2	15,000	4,094	4,110	0	4,110	0.27	Acceptable	A

Notes:

(1) See Table 1.

(2) The County of Los Angeles roadway maximum capacity at Level of Service "E" (see Table 1).

(3) ADT = Average Daily Traffic Volume.

(4) Ambient Growth Rate of 0.2% per year.

(5) V/C = Volume to Capacity Ratio.

(6) LOS = Level of Service (Based on the Level of Service standards on Table 1).

Table 9
Existing Plus Ambient Growth Plus Cumulative Intersection Level of Service

ID	Study Intersection	Traffic Control[1]	AM Peak Hour		PM Peak Hour	
			Delay[2]	LOS[3]	Delay[2]	LOS[3]
1.	Suva St at Scout Ave	AWS	17.1	C	11.7	B
2.	Suva St at Bluff Rd/Foster Bridge Blvd	TS	16.0	B	12.8	B
3.	Suva St at Guatemala Ave	AWS	20.3	E	29.1	D
4.	Suva St at Paramount Blvd	TS	20.9	C	38.6	D

Notes:

(1) AWS = All Way Stop; TS = Traffic Signal

(2) Delay is shown in seconds/vehicle. For intersections with traffic signal or all way stop control, overall average intersection delay and LOS are shown.

(3) LOS = Level of Service

Table 10
Existing Plus Ambient Growth Plus Cumulative Plus Project Roadway Segment Daily Capacity Analysis

Roadway	Segment	Roadway Segment Standards[1]			ADT[3]			V/C[5]	Capacity Threshold	LOS[6]
		Classification	Lanes	Capacity[2]	Existing Plus Ambient Growth Plus Cumulative[4]	Project	Existing Plus Ambient Growth Plus Cumulative Plus Project			
Suva St	Scout Ave to Bluff Road	Collector	2	15,000	6,401	52	6,453	0.43	Acceptable	A
	Bluff Road to Guatemala Ave	Collector	2	15,000	12,042	73	12,115	0.81	Approaches Capacity	D
Scout Ave	West of Suva St	Ave	4	36,000	7,064	50	7,114	0.20	Acceptable	A
Paramount Blvd	East of Suva St	Major Arterial	4	36,000	36,283	50	36,333	1.01	Potentially Exceeds Capacity	F
	West of Suva St	Major Arterial	4	36,000	33,775	51	33,826	0.94	Approaches Capacity	E
Foster Bridge Blvd	North of Bluff Road	Collector	2	15,000	4,110	151	4,261	0.28	Acceptable	A

Notes:

(1) See Table 1.

(2) The County of Los Angeles roadway maximum capacity at Level of Service "E" (see Table 1).

(3) ADT = Average Daily Traffic Volume.

(4) See Table 8.

(5) V/C = Volume to Capacity Ratio.

(6) LOS = Level of Service (Based on the Level of Service standards on Table 1).

Table 11
Existing Plus Ambient Growth Plus
Cumulative Plus Project Intersection Level of Service

ID	Study Intersection	Traffic Control[1]	AM Peak Hour		PM Peak Hour	
			Delay[2]	LOS[3]	Delay[2]	LOS[3]
1.	Suva St at Scout Ave	AWS	17.4	C	11.8	B
2.	Suva St at Bluff Rd/Foster Bridge Blvd	TS	16.1	B	12.9	B
3.	Suva St at Guatemala Ave	AWS	20.7	E	29.6	D
4.	Suva St at Paramount Blvd	TS	21.0	C	39.7	D
5.	Foster Bridge Blvd at Project Dwy	CSS	9.7	C	9.9	A

Notes:

(1) AWS = All Way Stop; TS = Traffic Signal; CSS = Cross Street Stop

(2) Delay is shown in seconds/vehicle. For intersections with traffic signal or all way stop control, overall average intersection delay and LOS are shown. For intersections with cross street stop control, Level of Service is based on average delay of the worst minor street approach or major street left turn movement.

(3) LOS = Level of Service

7. SITE ACCESS AND CIRCULATION

This section includes a description of project improvements necessary to provide site access and an evaluation of site access and circulation.

PROJECT DESIGN FEATURES

- Construct the Foster Bridge Boulevard (NS) at Project Driveway (EW) (#5) to provide one inbound lane and one outbound lane with eastbound stop-control.

This analysis also assumes the project shall comply with the following conditions as part of the City of Downey standard development review process:

- A construction work site traffic control plan shall comply with State standards set forth in the California Manual of Uniform Traffic Control Devices and shall be submitted to the City for review and approval prior to the issuance of a grading permit or start of construction. The plan shall identify any roadway, sidewalk, bike route, or bus stop closures and detours as well as haul routes and hours of operation. All construction-related trips shall be restricted to off-peak hours to the extent possible.

- All on-site and off-site roadway design, traffic signing and striping, and traffic control improvements relating to the proposed project shall be constructed in accordance with applicable State/Federal engineering standards and to the satisfaction of the City of Downey.

- Site-adjacent roadways shall be constructed or repaired at their ultimate half-section width, including landscaping and parkway improvements in conjunction with development, or as otherwise required by the City of Downey.

- Adequate off-street parking shall be provided to the satisfaction of City of Downey.

- Adequate emergency vehicle access shall be provided to the satisfaction of the Downey Fire Department.

- The final grading, landscaping, and street improvement plans shall demonstrate that sight distance requirements are met in accordance with applicable City of Downey sight distance standards.

8. CONGESTION MANAGEMENT PROGRAM

This section provides analysis of the project impacts at County facilities in accordance with typical Los Angeles County Congestion Management Program (CMP) requirements.

CRITERIA FOR REQUIRING A TRAFFIC IMPACT ANALYSIS FOR CMP

The Los Angeles County 2010 CMP provides the following thresholds for requiring a CMP-compliant traffic impact analysis:

- All CMP arterial monitoring intersections, including monitored freeway on or off-ramp intersections, where the proposed project will add 50 or more trips during either the AM or PM weekday peak hours (of adjacent street traffic)

- If CMP arterial segments are being analyzed rather than intersections, the study area must include all segments where the proposed project will add 50 or more peak hour trips (total of both directions).

- Mainline freeway monitoring locations were the project will add 150 or more trips, in either direction, during either the AM or PM weekday peak hours.

As previously shown in Table 6, the proposed project is forecast to generate approximately 10 new AM peak hour trips and 13 new PM peak hour trips, which are distributed to/from the project site. The project will not add 50 or more peak hour trips to CMP intersections or 150 or more peak hour trips to the freeway network since the project generates less than this threshold in total during each peak hour. Therefore, the proposed project would not result in a CMP impact as it does not meet the thresholds requiring a traffic impact analysis for CMP purposes and no further CMP traffic analysis is warranted.

CMP TRANSIT IMPACT REVIEW

The Los Angeles County Metropolitan Transportation Authority *2010 Congestion Management Program*, Appendix D - Guidelines for CMP Transportation Impact Analysis, utilizes a conversion factor based on the daily and AM and PM peak hour trip generation to provide for a transit analysis. The conversion is as follows:

- Multiply the total trips generated by 1.4 to convert vehicle trips to person trips;
- For each time period, multiply the result by one of the following factors:

  3.5% of Total Person Trips Generated for most cases, except:

  10% primarily Residential within 1/4 mile of a CMP transit center
  15% primarily Commercial within 1/4 mile of a CMP transit center
  7% primarily Residential within 1/4 mile of a CMP multi-modal transportation center
  9% primarily Commercial within 1/4 mile of a CMP multi-modal transportation center
  5% primarily Residential within 1/4 mile of a CMP transit corridor
  7% primarily Commercial within 1/4 mile of a CMP transit corridor
  0% if no fixed route transit services operate within one mile of the project

Accordingly, the proposed project-generated transit trips are calculated as follows:

- Daily: ((158 trips x 1.4) x 0.035) ≈ 8
- Morning Peak Hour: ((10 trips x 1.4) x 0.035) ≈ 1
- Evening Peak Hour: ((13 trips x 1.4) x 0.035) ≈ 1

The proposed project is forecast to generate approximately one (1) transit trip during the AM and PM peak hour. Based on the existing transit services available in the project vicinity and the relatively low transit trip generation, the proposed project is forecast to have a nominal impact on transit demand.

9. CONCLUSIONS

This section summarizes the findings and mitigation measures (if any) identified in previous sections of this study.

PROJECT TRIP GENERATION

The existing land uses currently generate approximately 64 daily trips, including 3 trips during the AM peak hour and 4 trips during the PM peak hour.

The proposed project is forecast to generate approximately 222 daily trips, including 13 trips during the AM peak hour and 17 trips during the PM peak hour.

The proposed project is forecast to generate approximately 158 additional daily trips compared to existing project site uses, including 10 additional trips during the AM peak hour and 13 additional trips during the PM peak hour.

FORECAST LEVELS OF SERVICE

For Existing Plus Ambient Growth Plus Cumulative traffic conditions, the study roadway segments are projected to operate at acceptable Levels of Service, except for the following roadway segment that is projected to operate at unacceptable Levels of Service, without improvements:

- Paramount Boulevard, East of Suva Street

Although this roadway segment is projected to operate at an unacceptable Level of Service, the intersection of Suva Street at Paramount Boulevard (Int. #4) is projected to operate within acceptable Levels of Service during the peak hours (see Table 9). Two through lanes along Paramount Boulevard are maintained through the intersection of Suva Street. Thus, since the roadway segment acts as a free-flowing corridor between points of conflict (intersections), and the point of conflict (Suva Street at Paramount Boulevard – Intersection # 4) is projected to operate at acceptable Levels of Service during the peak hours, improvements are not recommended along this roadway segment.

In addition, the project is forecast to add a relatively negligible number of trips per day along this segment such that no appreciable change in the volume-to-capacity ratio is expected for Existing Plus Ambient Growth Plus Cumulative Plus Project conditions.

The study intersections are forecast to operate within acceptable Levels of Service during the peak hours for Existing Plus Ambient Growth Plus Cumulative and Existing Plus Ambient Growth Plus Cumulative Plus Project conditions; no intersection improvements are recommended.

CONGESTION MANAGEMENT PROGRAM

The proposed project would result in no operational CMP impact as it does not meet the thresholds requiring a traffic impact analysis for CMP purposes and no further CMP analysis is warranted. A transit impact review was conducted for compliance with the CMP requirements and found that the proposed project is forecast to have a nominal impact on transit demand.

APPENDICES

Appendix A Glossary

Appendix B Scoping Agreement

Appendix C Volume Count Worksheets

Appendix D Level of Service Worksheets

Appendix E Traffic Signal Warrant Graphs

APPENDIX A

GLOSSARY

ACRONYMS

AC	Acres
ADT	Average Daily Traffic
Caltrans	California Department of Transportation
DU	Dwelling Unit
ICU	Intersection Capacity Utilization
GFA	Gross Floor Area
LOS	Level of Service
PCE	Passenger Car Equivalent
SP	Service Population
TSF	Thousand Square Feet
V/C	Volume/Capacity
VMT	Vehicle Miles Traveled

TERMS

ACTUATED SIGNAL CONTROL: A type of traffic signal control in which display of each phase depends on whether the corresponding phase detector has registered a service call or the phase is on recall.

ACTUATION: Detection of a roadway user that is forwarded to the signal controller.

AVERAGE DAILY TRAFFIC: The average 24-hour volume for a stated period divided by the number of days in that period. For example, Annual Average Daily Traffic is the total volume during a year divided by 365 days.

BANDWIDTH: The number of seconds of green time available for through traffic in a signal progression.

BOTTLENECK: A point of constriction along a roadway that limits the amount of traffic that can proceed downstream from its location.

CALL: An indication within a signal controller that a particular phase is waiting for service, either through actuation from a roadway user or phase recall.

CAPACITY: The maximum number of vehicles that can be reasonably expected to pass through a roadway facility during a specified period.

CHANNELIZATION: The separation of conflicting traffic movements by use of pavement markings, raised curbs, or other suitable means to facilitate free flow movement.

CLEARANCE INTERVAL: Equal to the yellow plus all-red time, if any, when a traffic signal changes between phases (i.e., the amount of time between the end of a green light from one movement to the beginning of a green light for the next).

COORDINATED SIGNAL CONTROL: A type of traffic signal control in which non-coordinated phases associated with minor movements are constrained such that the coordinated phases are served at a specific time during the signal cycle, thus maintaining the efficient progression of traffic flow along the major roadway.

CONTROL DELAY: The portion of delay attributed to the intersection traffic control (such as a traffic signal or stop sign). It includes initial deceleration, queue move-up time, stopped delay, and final acceleration delay.

CORDON: An imaginary boundary line around or across a study area across which vehicles, persons, or other information can be collected for survey and analytical purposes.

CORNER SIGHT DISTANCE: The minimum sight distance required by the driver of a vehicle to cross or enter the lanes of the major roadway without requiring approaching traffic traveling at a given speed to radically alter their speed or trajectory.

CYCLE: A complete sequence of signal indications for all phases.

CYCLE LENGTH: The total time for a traffic signal to complete one full cycle.

DAILY CAPACITY: A theoretical value representing the daily traffic volume that will typically result in a peak hour volume equal to the capacity of the roadway.

DELAY: The total additional travel time experienced by a roadway user (driver, passenger, bicyclist, or pedestrian) beyond that required to travel at a desired speed.

DENSITY: The number of vehicles occupying in a unit length of the through traffic lanes of a roadway at any given instant. Usually expressed in vehicles per mile.

DETECTOR: A device used to count or determine the presence of a roadway user.

DESIGN SPEED: A speed used for purposes of designing horizontal and vertical alignments of a highway.

DIRECTIONAL SPLIT: The percent of two-way traffic traveling in a specified direction.

DIVERSION: The rerouting of traffic from a normal path of travel between two points, such as to avoid congestion or perform a secondary trip.

FREE FLOW: Traffic flow that is unaffected by a traffic control and/or or upstream or downstream conditions.

GAP: Time or distance between two vehicles measured from rear bumper of the front vehicle to front bumper of the second vehicle.

GAP ACCEPTANCE: The method by which a driver accepts an available gap in traffic to enter or cross the road.

HEADWAY: Time or distance between two successive vehicles measured from same point on both vehicles (i.e., front bumper to front bumper).

LEVEL OF SERVICE: A grading scale of quantitative performance measures representing the quality of service of a transportation facility or service from an average traveler's perspective.

LOOP DETECTOR: A vehicle detector consisting of a loop of wire embedded in the roadway, energized by alternating current and producing an output circuit closure when passed over by a vehicle.

MULTI-MODAL: More than one mode, such as automobile, transit, bicycle, and pedestrian.

OFFSET: The time interval between the beginning of a traffic signal cycle at one intersection and the beginning of signal cycle an adjacent intersection.

PLATOON: A set of vehicles traveling at similar speed and moving as a general group with clear separation between other vehicles ahead and behind.

PASSENGER CAR EQUIVALENT: A metric used to assess the impact of larger vehicles, such as trucks, recreational vehicles, and buses, by converting the traffic volume of larger vehicles to an equivalent number of passenger cars.

PEDESTRIAN CLEARANCE INTERVAL: Also known as the "Flashing Don't Walk" interval, it signals the end of pedestrian entry into the crosswalk following the "Walk" indication and provides time for pedestrians who have already entered the crosswalk to finishing crossing.

PEAK HOUR: The hour within a day in which the maximum volume occurs.

PEAK HOUR FACTOR: The peak hour volume divided by the four times the peak 15-minute flow rate.

PHASE: In traffic signals, the green, yellow, and red clearance intervals assigned to a specified traffic movement.

PRETIMED SIGNAL: A traffic signal operation in which the cycle length, phasing sequence, and phasing times are predetermined and fixed, regardless of actual demand for any given traffic movement. Also known as a fixed time signal.

PROGRESSION: The coordinated movement of vehicles through signalized intersections along a corridor.

QUEUE: The number of vehicles waiting at a service area such as a traffic signal, stop sign, or access gate.

QUEUE LENGTH: The length of vehicle queue, typically expressed in feet, waiting at a service area such as a traffic signal, stop sign, or access gate.

RECALL: A signal phasing operation in which a specified phase places a call to the signal controller each time a conflicting phase is served, thus ensuring the specified phase will be serviced again.

SEMI-ACTUATED CONTROL: A type of traffic signal control in which only the minor movements are provided detection.

SIGHT DISTANCE: The continuous length of roadway visible to a driver or roadway user.

STACKING DISTANCE: The length of area available behind a service area, such as a traffic signal or gate, for vehicle queuing to occur.

STOPPING SIGHT DISTANCE: The minimum distance required by the driver of a vehicle traveling at a given speed to bring the vehicle to a stop after an object on the road becomes visible, including reaction and response time.

TRIP OR TRIP END: The one-directional movement of a person or vehicle. Every trip has an origin and a destination at its respective ends (i.e., trip ends). In terms of site trip generation, the same vehicle entering and exiting a site generates two trips: one inbound trip and one outbound trip.

TRIP GENERATION RATE: The rate at which a land use generates trips per the specified land use variable, such per dwelling unit or per thousand square feet.

TRUCK: A heavy motor vehicle generally used for transporting goods.

VEHICLE MILES TRAVELED: A measure of the amount and distance of automobile travel essentially calculated as the sum of each trip times the trip length.

APPENDIX B

SCOPING AGREEMENT

MEMORANDUM OF UNDERSTANDING

TO: CITY OF DOWNEY

FROM: Bryan Crawford, Senior Transportation Planner | GANDDINI GROUP, INC.

DATE: August 9, 2023

SUBJECT: 7360 Foster Bridge Residential Project Traffic and Circulation Analysis Scoping Agreement

---

The purpose of this traffic study scoping document is to outline the proposed traffic analysis parameters and assumptions for review/concurrence by City of Downey staff.

PROJECT DESCRIPTION

Figure 1 shows the project location map. The project site is located at 7360 Foster Bridge Boulevard in the City of Downey. Figure 2 illustrates the project site plan.

The 1.3-acre project site is currently developed with an 8,480 square foot church which is proposed to be demolished. The proposed project involves construction of a new multifamily residential development with a total of 33 dwelling units. The proposed project is anticipated to be constructed and fully operational by year 2025.

The project involves a Zone Change from R-1 to R-3 and General Plan Amendment (GPA) to change the General Plan land use designation from LDR (Low Density Residential) to MDR (Medium Density Residential).

The project site is proposed to provide one full access driveway on Foster Bridge Boulevard and will have gated entry. An emergency vehicle access only driveway is proposed on Suva Street.

PROJECT TRIP GENERATION

Table 1 and Table 2 show the existing land uses and project trip generation for potential church and residential uses based upon trip generation rates obtained from the Institute of Transportation Engineers (ITE) *Trip Generation Manual* (11th Edition, 2021). Based on review of the ITE land use descriptions, trip generation rates for Church (ITE Land Use Code 560) and Multi-Family Housing (Low-Rise) (ITE Land Use Code 220) were determined to adequately represent the existing land use and proposed project and were used for calculating the project trip generation forecasts. The existing land use and project trip generation forecasts were determined by multiplying the trip generation rates by the land use quantities.

As shown in Table 1, the existing land uses currently generate approximately 64 daily vehicle trips, including 3 vehicle trips during the AM peak hour and 4 vehicle trips during the PM peak hour.

As shown in Table 2, the proposed project is forecast to generate approximately 222 daily vehicle trips, including 13 vehicle trips during the AM peak hour and 17 vehicle trips during the PM peak hour.

As shown in Table 3, the proposed project is forecast to generate approximately 158 additional daily vehicle trips compared to existing project site uses, including 10 additional vehicle trips during the AM peak hour and 13 additional vehicle trips during the PM peak hour.

PROJECT TRIP DISTRIBUTION

Figure 3 to Figure 5 illustrate the forecast outbound and inbound directional distribution patterns of project-generated trips.

STUDY AREA

Intersections identified for analysis typically include signalized intersections at which a project is forecast to contribute 50 or more trips during the AM or PM peak hours. The proposed project does not generate 50 or more trips during the AM or PM peak hour and would not meet this threshold for intersections in the neighboring City of Bell Gardens. The study area is proposed to consist of the following five (5) study intersections, even if the project may not contribute 50 or more trips during either peak hour.

Study Intersections (Figure 1)

1. Suva Street (NS) at Scout Avenue (EW)
2. Suva Street (NS) at Bluff Road/Foster Bridge Boulevard (EW)
3. Suva Street (NS) at Guatemala Avenue (EW)
4. Suva Street (NS) at Paramount Boulevard (EW)
5. Foster Bridge Blvd (NS) at Project Driveway (EW)

Study Roadway Segments

1. Suva Street, between Scout Avenue and Bluff Road
2. Suva Street, between Bluff Road and Guatemala Avenue
3. Scout Avenue, west of Suva Street
4. Paramount Boulevard, east of Suva Street
5. Paramount Boulevard, west of Suva Street
6. Foster Bridge Boulevard, north of Bluff Road

TRAFFIC COUNTS

New intersection turning movement counts will be obtained at the study intersections during the AM peak period (7:00 AM – 9:00 AM) and PM peak period (4:00 PM – 6:00 PM) on a typical weekday (Tuesday, Wednesday, or Thursday) while schools are in session.

ANALYSIS SCENARIOS

The traffic study shall evaluate the following analysis scenarios for weekday AM and PM peak hour conditions:

- Existing [2023]
- Existing Plus Ambient Growth Plus Cumulative [2025]
- Existing Plus Ambient Growth Plus Cumulative Plus Project [2025]

ANALYSIS METHODOLOGY

To assess the performance of an intersection, the City of Downey uses the intersection delay method based on procedures contained in the Highway Capacity Manual (Transportation Research Board, 7th Edition). The methodology considers the traffic volume and distribution of movements, traffic composition, geometric characteristics, and signalization details to calculate the average control delay per vehicle and corresponding Level of Service (LOS). Control delay is defined as the portion of delay attributed to the intersection traffic control (such as a traffic signal or stop sign) and includes initial deceleration, queue move-up time, stopped delay, and final acceleration delay. The intersection control delay is then correlated to Level of Service based on the following thresholds:

Level of Service	Intersection Control Delay (Seconds / Vehicle)	
	Signalized Intersection	Unsignalized Intersection
A	≤ 10.0	≤ 10.0
B	> 10.0 to ≤ 20.0	> 10.0 to ≤ 15.0
C	> 20.0 to ≤ 35.0	> 15.0 to ≤ 25.0
D	> 35.0 to ≤ 55.0	> 25.0 to ≤ 35.0
E	> 55.0 to ≤ 80.0	> 35.0 to ≤ 50.0
F	> 80.0	> 50.0

Source: Transportation Research Board, Highway Capacity Manual (7th Edition).

Level of Service is used to qualitatively describe the performance of a roadway facility, ranging from Level of Service A (free-flow conditions) to Level of Service F (extreme congestion and system failure). At intersections with traffic signal or all way stop control, Level of Service is determined by the average control delay for the overall intersection. At intersections with cross street stop control (i.e., one- or two-way stop control), Level of Service is determined by the average control delay for the worst individual approach.

The analysis will be performed in accordance with the Los Angeles County Public Works *Transportation Impact Analysis Guidelines*, July 23, 2020. Intersection Level of Service analysis shall be performed using the Vistro software.

PERFORMANCE STANDARDS

City of Downey

The City of Downey General Plan Circulation has established LOS D as the minimum acceptable Level of Service at intersections and roadway segments.

OPERATIONAL THRESHOLDS

If a project is forecast to result in a substantial operational deficiency, recommended corrective measures will be identified that would reduce the project's effect to a level that does not exceed the specified deficiency criteria. Corrective measures can be in many forms, including the construction of physical improvements (e.g., addition of travel lanes, traffic control modifications, etc.) or the implementation of transportation demand management measures.

FORECASTING METHODOLOGY

Ambient Growth Rate

To account for area-wide ambient growth, the Opening Year Conditions will include a 0.2% annual growth for 2 years (total growth factor = 1.004) over the 2023 base volumes. The ambient growth rate is based on Exhibit D-1 (RSA 21) from Appendix D of the Congestion Management Program for Los Angeles County.

Other Cumulative Projects

A list of pending and approved cumulative development projects will be obtained from the Cities of Downey, Pico Rivera, Commerce, Montebello, and Bell Gardens staff. This list will be narrowed down to include projects within a 1.5-mile radius of the project site.

Trip forecasts for other development projects within the project study area will be determined based on the Institute of Transportation Engineers (ITE), *Trip Generation Manual*, 11th Edition, 2021 and will be added to existing roadway volumes for the Opening Year scenario.

SITE ACCESS AND ON-SITE CIRCULATION

A review of site access and on-site circulation needs will be provided, including site access traffic controls, lane configurations, and recommendations will be provided to maintain adequate circulation.

CONGESTION MANAGEMENT PROGRAM

The Los Angeles County 2010 CMP provides the following thresholds for requiring a CMP-compliant traffic impact analysis:

- All CMP arterial monitoring intersections, including monitored freeway on or off-ramp intersections, where the proposed project will add 50 or more trips during either the AM or PM weekday peak hours (of adjacent street traffic)

- If CMP arterial segments are being analyzed rather than intersections, the study area must include all segments where the proposed project will add 50 or more peak hour trips (total of both directions).

- Mainline freeway monitoring locations were the project will add 150 or more trips, in either direction, during either the AM or PM weekday peak hours.

The study area does not include any CMP monitoring intersections, does not contribute 50 or more trips during either the AM or PM weekday peak hours, and does not contribute 150 or more peak hour trips to a mainline freeway monitoring location. Therefore, the proposed project would not result in a CMP impact as it does not meet the thresholds requiring a traffic impact analysis for CMP purposes.

VEHICLES MILES TRAVELED (VMT) ANALYSIS

A separate VMT screening assessment will be performed for the project.

CONCLUSION

We appreciate the opportunity to provide this scoping document for your review. Should you have any questions or comments regarding the proposed scope, please contact Bryan Crawford at (714) 795-3100 x 104 or bryan@ganddini.com.

Table 1
Existing Trip Generation

Trip Generation Rates									
			AM Peak Hour			PM Peak Hour			
Land Use	Source[1]	Unit[2]	% In	% Out	Rate	% In	% Out	Rate	Daily
Church	ITE 560	TSF	62%	38%	0.32	44%	56%	0.49	7.60

Trips Generated									
			AM Peak Hour			PM Peak Hour			
Land Use	Quantity	Unit[2]	In	Out	Total	In	Out	Total	Daily
Church	8.480	TSF	2	1	3	2	2	4	64

Notes:

(1) ITE = Institute of Transportation Engineers, Trip Generation Manual, 11th Edition, 2021; ### = Land Use Code

(2) TSF = Thousand Square Feet

Table 2
Project Trip Generation

Trip Generation Rates									
			AM Peak Hour			PM Peak Hour			
Land Use	Source[1]	Unit[2]	% In	% Out	Rate	% In	% Out	Rate	Daily
Multi-Family Housing (Low-Rise)	ITE 220	DU	24%	76%	0.40	63%	37%	0.51	6.74

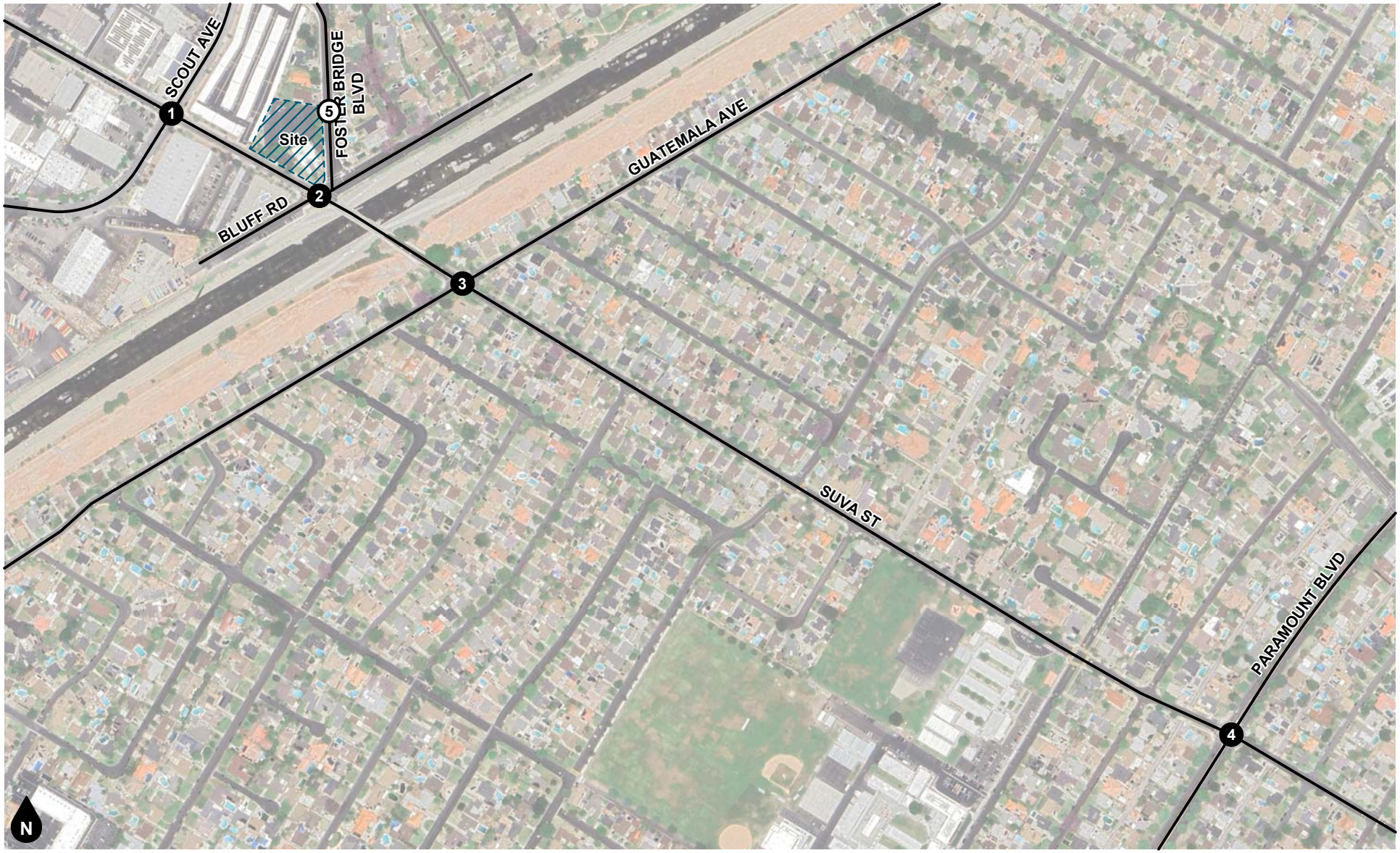
Trips Generated									
			AM Peak Hour			PM Peak Hour			
Land Use	Quantity	Unit[2]	In	Out	Total	In	Out	Total	Daily
Multi-Family Housing (Low-Rise)	33	DU	**3**	**10**	**13**	**11**	**6**	**17**	**222**

Table 3
Project Trip Generation Comparison

Trips Generated							
	AM Peak Hour			PM Peak Hour			
Land Use	In	Out	Total	In	Out	Total	Daily
Existing Land Use[1]	2	1	3	2	2	4	64
Proposed Project[2]	3	10	13	11	6	17	222
Net New Trips	**+1**	**+9**	**+10**	**+9**	**+4**	**+13**	**+158**

Notes:
(1) See Table 1

(2) See Table 2



Legend

(#) Study Intersection

(#) Project Driveway

Figure 1
Project Location Map

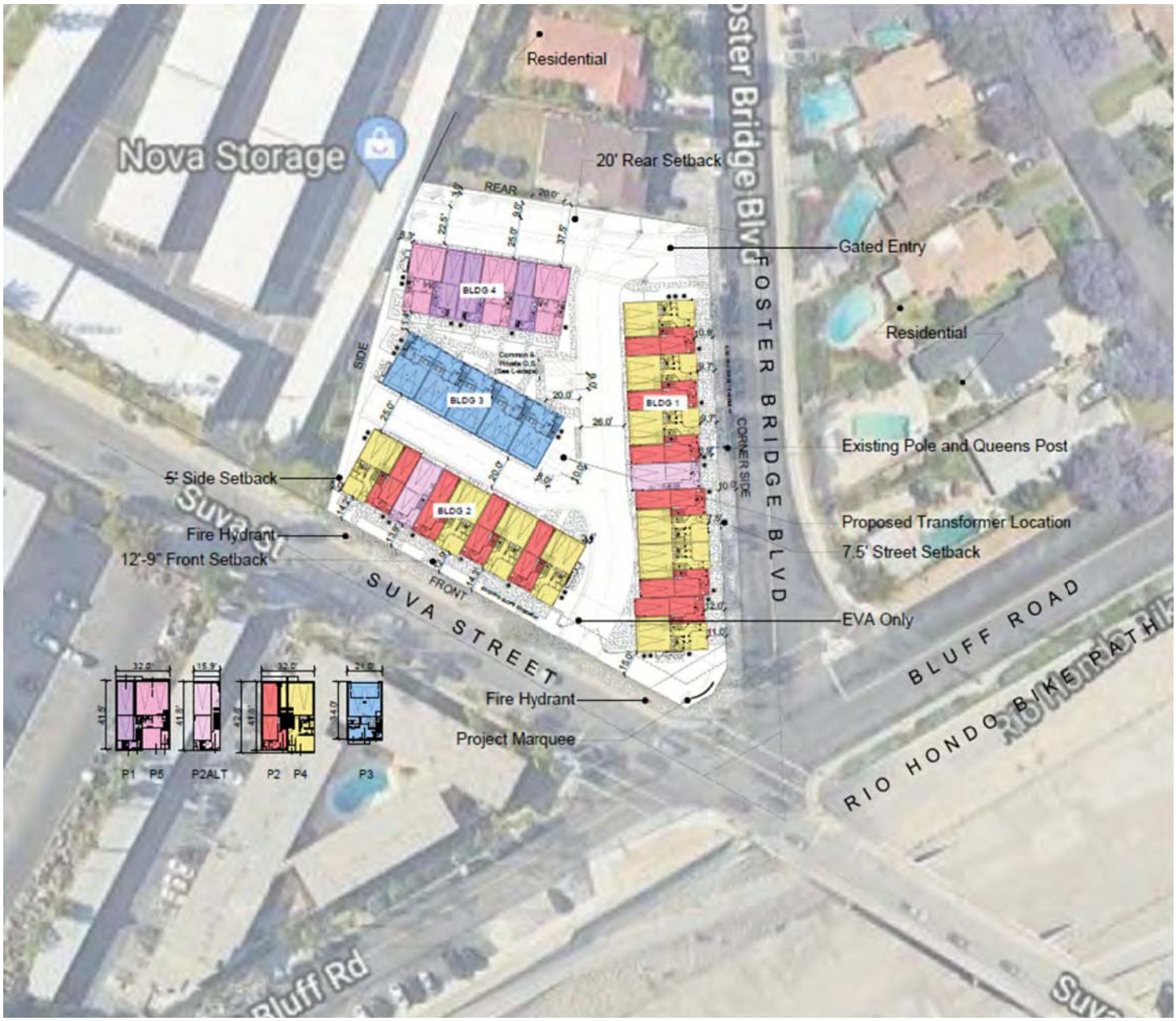


Figure 2
Site Plan

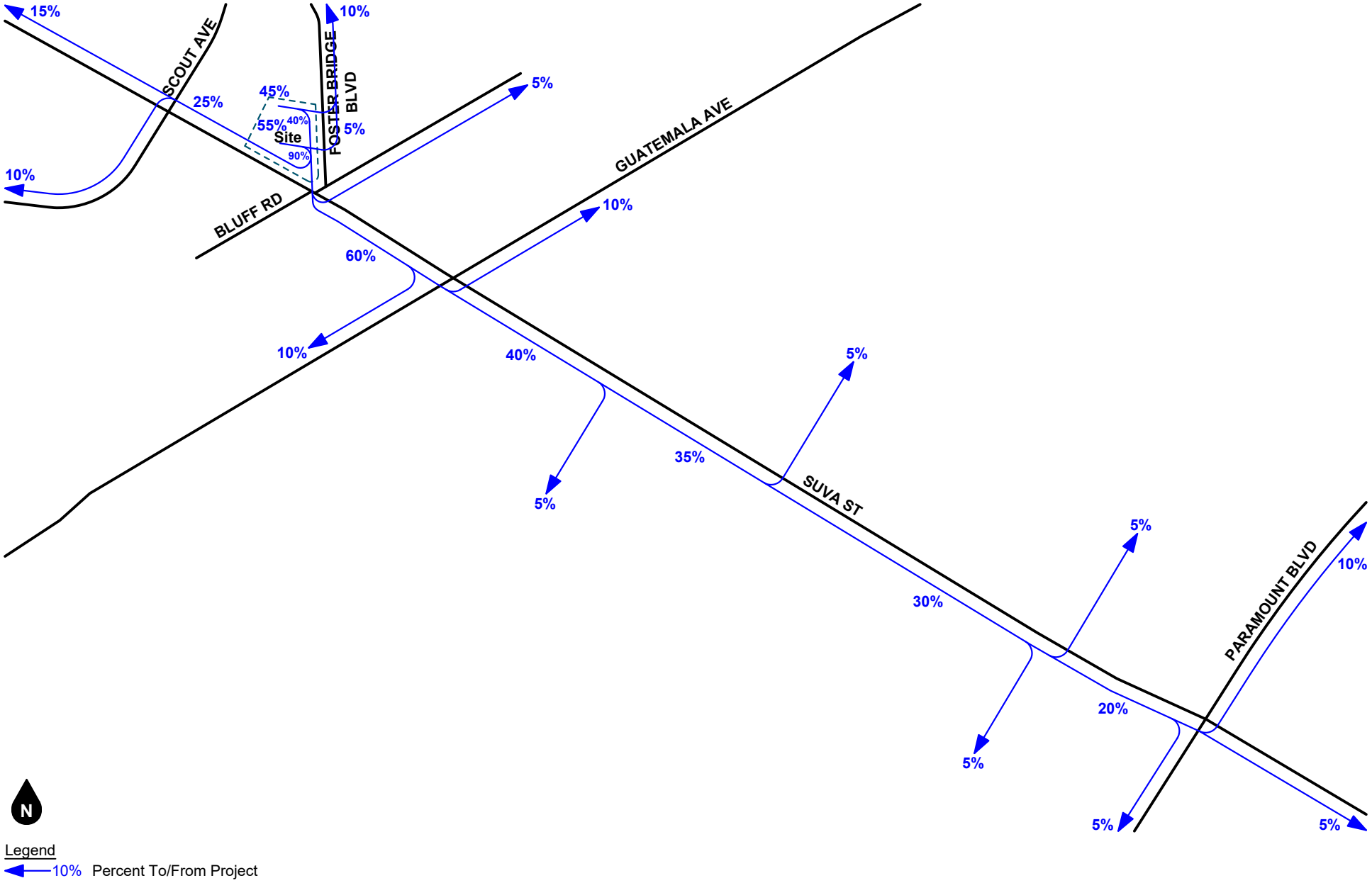


Figure 3
Existing Trip Distribution

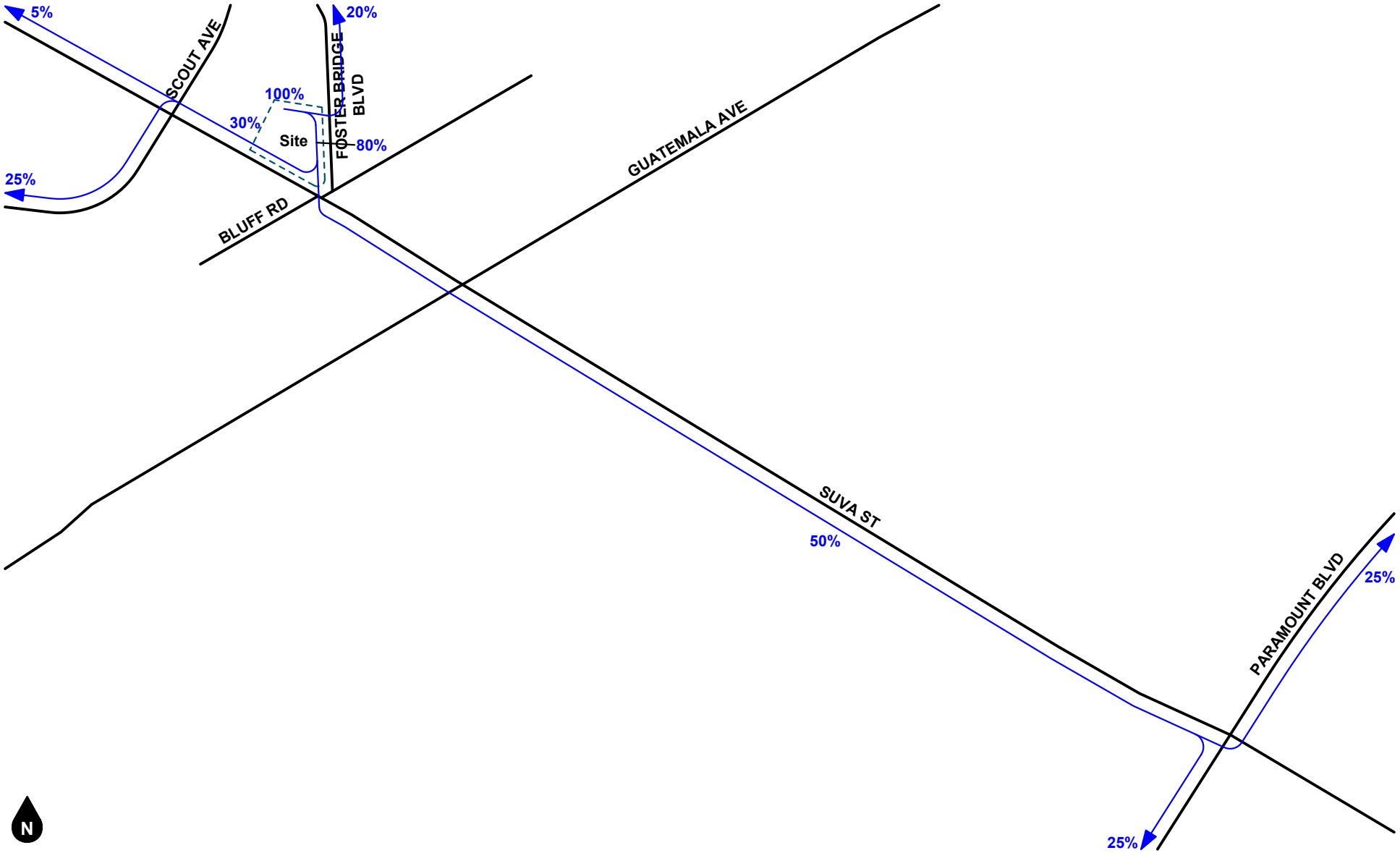


Figure 4
Project Trip Distribution

To: Edwin Norris <enorris@downeyca.org>, Kent Norton <knorton@migcom.com>, Bob Prasse <bprasse@migcom.com>, "Alfonso S. Hernandez" <ashernandez@downeyca.org>

Edwin,

Attached is the revised scoping agreement based on our meeting earlier today for your review.
[Quoted text hidden]

19658sco_2023-0809.pdf
767K

Bryan Crawford <bryan@ganddini.com> Fri, Aug 18, 2023 at 6:02 PM
To: Edwin Norris <enorris@downeyca.org>, Kent Norton <knorton@migcom.com>, Bob Prasse <bprasse@migcom.com>, "Alfonso S. Hernandez" <ashernandez@downeyca.org>

Edwin,

Can I get a status update on the review and approval of the scoping agreement? Specifically the study intersections and roadway segments. Thanks.
[Quoted text hidden]

Edwin Norris <enorris@downeyca.org> Mon, Aug 21, 2023 at 11:43 AM
To: Bryan Crawford <bryan@ganddini.com>, Kent Norton <knorton@migcom.com>, Bob Prasse <bprasse@migcom.com>, "Alfonso S. Hernandez" <ashernandez@downeyca.org>

I'll have a response to you this morning. My apologies for the delay.

[Quoted text hidden]

image001.jpg
12K

Edwin Norris <enorris@downeyca.org> Mon, Aug 21, 2023 at 3:59 PM
To: Bryan Crawford <bryan@ganddini.com>, Kent Norton <knorton@migcom.com>, Bob Prasse <bprasse@migcom.com>, "Alfonso S. Hernandez" <ashernandez@downeyca.org>

Good afternoon, Bryan – I reviewed the scoping document and my only comment is that the City actually follows the ICU intersection analysis methodology per the LA County CMP guidelines vs. the HCM delay methodology as you indicate on pg. 3 of the document. Otherwise, the document looks fine. Thanks again for the opportunity to review.

Bryan Crawford <bryan@ganddini.com> Mon, Aug 21, 2023 at 4:06 PM
To: Edwin Norris <enorris@downeyca.org>
Cc: Kent Norton <knorton@migcom.com>, Bob Prasse <bprasse@migcom.com>, "Alfonso S. Hernandez" <ashernandez@downeyca.org>

Edwin,

The County of Los Angeles no longer uses the ICU methodology as they have converted over to the HCM Methodology for LOS analysis. Per the Los Angeles County Public Works *Transportation Impact Analysis Guidelines* (July 23, 2020), Section 4.1.4.1 - Level of Service and Queueing Methodology:

"Intersection level of service (LOS) and queueing methodologies from the latest edition of the Transportation Research Board Highway Capacity Manual (HCM) should be used to evaluate the operation of the project driveways and nearby intersections. For individual isolated intersection analysis, the use of software packages such as Synchro, Vistro, or HCS that implement the HCM methodologies is acceptable."
[Quoted text hidden]

Edwin Norris <enorris@downeyca.org> Mon, Aug 21, 2023 at 4:59 PM
To: Bryan Crawford <bryan@ganddini.com>
Cc: Kent Norton <knorton@migcom.com>, Bob Prasse <bprasse@migcom.com>, "Alfonso S. Hernandez" <ashernandez@downeyca.org>

Hi Bryan – understood. Since that is the case, please proceed with the HCM methodology as originally proposed. Thanks.

[Quoted text hidden]

---

image001.jpg
12K

APPENDIX C

VOLUME COUNT WORKSHEETS

Thursday, August 24, 2023 CITY: Downey PROJECT: SC4157

ADT2 Suva east of Scout. **Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB		WB			PM Period	EB		WB		
0:00	0		9			12:00	40		36		
0:15	6		3			12:15	43		28		
0:30	1		2			12:30	34		35		
0:45	1	8	3	17	25	12:45	31	148	36	135	283
1:00	2		5			13:00	37		38		
1:15	2		4			13:15	45		37		
1:30	2		1			13:30	49		27		
1:45	2	8	7	17	25	13:45	50	181	29	131	312
2:00	7		5			14:00	52		37		
2:15	6		4			14:15	54		30		
2:30	7		1			14:30	84		53		
2:45	5	25	2	12	37	14:45	84	274	66	186	460
3:00	4		5			15:00	94		70		
3:15	0		3			15:15	83		46		
3:30	3		7			15:30	80		62		
3:45	4	11	4	19	30	15:45	86	343	60	238	581
4:00	7		12			16:00	78		71		
4:15	8		3			16:15	96		63		
4:30	9		10			16:30	115		76		
4:45	20	44	24	49	93	16:45	106	395	71	281	676
5:00	10		15			17:00	104		74		
5:15	27		17			17:15	103		55		
5:30	19		24			17:30	96		68		
5:45	29	85	33	89	174	17:45	106	409	68	265	674
6:00	13		17			18:00	111		42		
6:15	20		20			18:15	83		56		
6:30	22		32			18:30	74		54		
6:45	32	87	31	100	187	18:45	59	327	39	191	518
7:00	26		47			19:00	56		50		
7:15	53		49			19:15	36		38		
7:30	69		59			19:30	38		37		
7:45	61	209	69	224	433	19:45	29	159	23	148	307
8:00	54		44			20:00	39		25		
8:15	35		41			20:15	29		10		
8:30	34		40			20:30	26		9		
8:45	33	156	35	160	316	20:45	23	117	11	55	172
9:00	30		29			21:00	21		23		
9:15	35		26			21:15	21		29		
9:30	23		18			21:30	23		21		
9:45	18	106	27	100	206	21:45	13	78	15	88	166
10:00	30		40			22:00	14		16		
10:15	36		25			22:15	8		10		
10:30	34		37			22:30	10		17		
10:45	30	130	28	130	260	22:45	2	34	6	49	83
11:00	29		32			23:00	6		9		
11:15	33		27			23:15	10		14		
11:30	31		42			23:30	10		11		
11:45	42	135	33	134	269	23:45	3	29	4	38	67
Total Vol.		1004		1051	**2055**			2494		1805	**4299**

Daily Totals	EB	WB	**Combined**
	3498	2856	**6354**

	AM			**PM**		
Split %	48.9%	51.1%	**32.3%**	58.0%	42.0%	**67.7%**
Peak Hour	7:15	7:00	**7:15**	16:30	16:15	**16:15**
Volume	237	224	**458**	428	284	**705**
P.H.F.	0.86	0.81	**0.88**	0.93	0.93	**0.92**

cs@aimtd.com Tell. 714 253 7888

Thursday, August 24, 2023 CITY: Downey PROJECT: SC4157

ADT1 Suva east of Bluff. **Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB		WB			PM Period	EB		WB		
0:00	5		15			12:00	67		68		
0:15	6		8			12:15	79		61		
0:30	3		6			12:30	78		67		
0:45	1	15	9	38	53	12:45	78	302	76	272	574
1:00	2		7			13:00	67		68		
1:15	4		5			13:15	79		87		
1:30	2		8			13:30	83		61		
1:45	2	10	9	29	39	13:45	103	332	64	280	612
2:00	6		7			14:00	107		73		
2:15	6		6			14:15	118		65		
2:30	8		2			14:30	154		97		
2:45	6	26	7	22	48	14:45	132	511	128	363	874
3:00	5		4			15:00	151		122		
3:15	1		5			15:15	121		106		
3:30	8		10			15:30	136		117		
3:45	7	21	5	24	45	15:45	137	545	136	481	1026
4:00	10		12			16:00	142		132		
4:15	12		4			16:15	157		142		
4:30	17		12			16:30	172		134		
4:45	24	63	23	51	114	16:45	170	641	124	532	1173
5:00	17		16			17:00	169		122		
5:15	35		22			17:15	170		131		
5:30	29		37			17:30	151		135		
5:45	27	108	33	108	216	17:45	164	654	131	519	1173
6:00	26		31			18:00	186		92		
6:15	38		40			18:15	150		102		
6:30	53		58			18:30	121		112		
6:45	63	180	69	198	378	18:45	109	566	95	401	967
7:00	60		86			19:00	101		90		
7:15	109		83			19:15	80		83		
7:30	167		112			19:30	58		74		
7:45	148	484	129	410	894	19:45	62	301	61	308	609
8:00	124		101			20:00	67		56		
8:15	75		102			20:15	61		42		
8:30	81		81			20:30	60		41		
8:45	65	345	68	352	697	20:45	44	232	35	174	406
9:00	68		59			21:00	32		42		
9:15	63		46			21:15	28		54		
9:30	57		50			21:30	45		52		
9:45	55	243	56	211	454	21:45	23	128	36	184	312
10:00	56		60			22:00	25		38		
10:15	68		57			22:15	17		32		
10:30	73		56			22:30	23		31		
10:45	71	268	47	220	488	22:45	8	73	18	119	192
11:00	63		54			23:00	8		17		
11:15	69		44			23:15	14		23		
11:30	57		86			23:30	13		19		
11:45	77	266	70	254	520	23:45	6	41	8	67	108
Total Vol.		2029		1917	**3946**			4326		3700	**8026**

Daily Totals	EB	WB	**Combined**
	6355	5617	**11972**

	AM			**PM**		
Split %	51.4%	48.6%	**33.0%**	53.9%	46.1%	**67.0%**
Peak Hour	7:15	7:30	**7:15**	16:30	15:45	**16:30**
Volume	548	444	**973**	681	544	**1192**
P.H.F.	0.82	0.86	**0.87**	0.99	0.96	**0.97**

cs@aimtd.com Tell. 714 253 7888

Thursday, August 24, 2023 CITY: Downey PROJECT: SC4157

ADT2 Scout south of Suva. **Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB		SB			PM Period	NB		SB		
0:00	1		5			12:00	43		52		
0:15	5		3			12:15	46		27		
0:30	5		3			12:30	38		36		
0:45	5	16	4	15	31	12:45	51	178	41	156	334
1:00	3		4			13:00	38		48		
1:15	3		4			13:15	52		37		
1:30	2		3			13:30	61		44		
1:45	1	9	9	20	29	13:45	67	218	32	161	379
2:00	6		2			14:00	64		80		
2:15	3		2			14:15	57		41		
2:30	6		4			14:30	74		60		
2:45	5	20	3	11	31	14:45	78	273	73	254	527
3:00	2		5			15:00	90		84		
3:15	1		7			15:15	73		58		
3:30	5		5			15:30	83		70		
3:45	8	16	9	26	42	15:45	83	329	69	281	610
4:00	16		12			16:00	69		63		
4:15	7		10			16:15	77		60		
4:30	15		22			16:30	87		71		
4:45	24	62	35	79	141	16:45	94	327	59	253	580
5:00	20		23			17:00	93		66		
5:15	34		25			17:15	79		63		
5:30	25		35			17:30	89		66		
5:45	35	114	31	114	228	17:45	74	335	74	269	604
6:00	14		26			18:00	77		46		
6:15	25		26			18:15	68		60		
6:30	28		33			18:30	68		60		
6:45	41	108	43	128	236	18:45	44	257	30	196	453
7:00	31		54			19:00	50		54		
7:15	51		48			19:15	45		46		
7:30	82		81			19:30	52		34		
7:45	117	281	100	283	564	19:45	33	180	25	159	339
8:00	70		91			20:00	37		32		
8:15	48		52			20:15	35		21		
8:30	45		63			20:30	38		23		
8:45	44	207	36	242	449	20:45	33	143	23	99	242
9:00	32		32			21:00	35		27		
9:15	28		30			21:15	37		26		
9:30	26		30			21:30	25		19		
9:45	20	106	31	123	229	21:45	20	117	13	85	202
10:00	30		53			22:00	17		14		
10:15	42		28			22:15	16		13		
10:30	29		40			22:30	12		14		
10:45	39	140	31	152	292	22:45	8	53	6	47	100
11:00	28		33			23:00	5		5		
11:15	43		34			23:15	17		20		
11:30	36		47			23:30	18		10		
11:45	44	151	40	154	305	23:45	7	47	7	42	89
Total Vol.		1230		1347	**2577**			2457		2002	**4459**

Daily Totals

NB	SB	Combined
3687	3349	**7036**

	AM			PM		
Split %	47.7%	52.3%	**36.6%**	55.1%	44.9%	**63.4%**
Peak Hour	7:15	7:30	**7:30**	16:45	14:45	**16:30**
Volume	320	324	**641**	355	285	**612**
P.H.F.	0.68	0.81	**0.74**	0.92	0.85	**0.96**

cs@aimtd.com Tell. 714 253 7888

Thursday, August 24, 2023 CITY: Downey PROJECT: SC4157

ADT4 Paramount north of Suva. **Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB		SB			PM Period	NB		SB		
0:00	43		83			12:00	211		246		
0:15	37		59			12:15	206		236		
0:30	26		59			12:30	224		233		
0:45	31	137	56	257	394	12:45	194	835	244	959	1794
1:00	32		43			13:00	243		242		
1:15	24		34			13:15	182		232		
1:30	19		35			13:30	262		223		
1:45	19	94	41	153	247	13:45	234	921	235	932	1853
2:00	34		27			14:00	307		264		
2:15	40		30			14:15	250		243		
2:30	23		27			14:30	307		279		
2:45	36	133	25	109	242	14:45	341	1205	313	1099	2304
3:00	31		21			15:00	346		261		
3:15	27		19			15:15	294		293		
3:30	49		29			15:30	304		313		
3:45	48	155	34	103	258	15:45	290	1234	338	1205	2439
4:00	58		37			16:00	335		333		
4:15	88		29			16:15	347		378		
4:30	112		48			16:30	344		383		
4:45	127	385	60	174	559	16:45	315	1341	359	1453	2794
5:00	119		83			17:00	296		379		
5:15	165		64			17:15	336		363		
5:30	204		98			17:30	291		367		
5:45	190	678	104	349	1027	17:45	308	1231	352	1461	2692
6:00	153		113			18:00	303		357		
6:15	204		130			18:15	323		362		
6:30	225		149			18:30	264		331		
6:45	241	823	207	599	1422	18:45	246	1136	277	1327	2463
7:00	310		254			19:00	249		260		
7:15	359		314			19:15	235		252		
7:30	341		313			19:30	173		257		
7:45	316	1326	323	1204	2530	19:45	225	882	196	965	1847
8:00	343		294			20:00	206		144		
8:15	251		217			20:15	178		93		
8:30	253		249			20:30	182		57		
8:45	251	1098	251	1011	2109	20:45	132	698	64	358	1056
9:00	230		172			21:00	165		161		
9:15	179		208			21:15	158		162		
9:30	210		183			21:30	177		169		
9:45	203	822	221	784	1606	21:45	147	647	137	629	1276
10:00	174		218			22:00	138		154		
10:15	208		168			22:15	107		130		
10:30	208		190			22:30	86		130		
10:45	156	746	200	776	1522	22:45	93	424	103	517	941
11:00	203		208			23:00	63		94		
11:15	193		207			23:15	64		108		
11:30	196		220			23:30	63		92		
11:45	205	797	240	875	1672	23:45	58	248	71	365	613
Total Vol.	7194		6394		**13588**		10802		11270		**22072**

Daily Totals

NB	SB	Combined
17996	17664	**35660**

	AM			PM		
Split %	52.9%	47.1%	**38.1%**	48.9%	51.1%	**61.9%**
Peak Hour	7:15	7:15	**7:15**	16:00	16:15	**16:15**
Volume	1359	1244	**2603**	1341	1499	**2801**
P.H.F.	0.95	0.96	**0.97**	0.99	0.98	**0.96**

cs@aimtd.com Tell. 714 253 7888

Thursday, August 24, 2023 CITY: Downey PROJECT: SC4157

ADT4 Paramount south of Suva. **Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB		SB			PM Period	NB		SB		
0:00	42		76			12:00	196		240		
0:15	33		54			12:15	185		232		
0:30	23		53			12:30	209		230		
0:45	30	128	47	230	358	12:45	186	776	235	937	1713
1:00	27		38			13:00	216		229		
1:15	22		29			13:15	180		218		
1:30	17		26			13:30	237		229		
1:45	15	81	35	128	209	13:45	218	851	234	910	1761
2:00	32		24			14:00	295		254		
2:15	32		27			14:15	244		238		
2:30	22		25			14:30	292		273		
2:45	30	116	19	95	211	14:45	332	1163	343	1108	2271
3:00	28		20			15:00	322		273		
3:15	26		16			15:15	271		273		
3:30	40		24			15:30	287		306		
3:45	42	136	26	86	222	15:45	284	1164	306	1158	2322
4:00	46		29			16:00	318		328		
4:15	69		27			16:15	329		369		
4:30	96		43			16:30	324		381		
4:45	103	314	44	143	457	16:45	281	1252	354	1432	2684
5:00	98		73			17:00	254		359		
5:15	135		54			17:15	322		351		
5:30	166		85			17:30	279		338		
5:45	158	557	90	302	859	17:45	281	1136	346	1394	2530
6:00	132		105			18:00	264		346		
6:15	175		119			18:15	273		324		
6:30	185		139			18:30	223		303		
6:45	205	697	200	563	1260	18:45	210	970	268	1241	2211
7:00	279		241			19:00	220		247		
7:15	311		297			19:15	204		254		
7:30	329		315			19:30	167		236		
7:45	283	1202	352	1205	2407	19:45	209	800	193	930	1730
8:00	312		320			20:00	197		140		
8:15	206		231			20:15	156		78		
8:30	224		248			20:30	165		59		
8:45	202	944	251	1050	1994	20:45	126	644	61	338	982
9:00	203		173			21:00	151		147		
9:15	155		206			21:15	148		136		
9:30	187		189			21:30	165		156		
9:45	174	719	218	786	1505	21:45	139	603	127	566	1169
10:00	156		204			22:00	123		145		
10:15	168		169			22:15	102		120		
10:30	171		192			22:30	84		116		
10:45	137	632	194	759	1391	22:45	93	402	93	474	876
11:00	184		194			23:00	64		87		
11:15	172		191			23:15	62		90		
11:30	175		219			23:30	63		84		
11:45	176	707	232	836	1543	23:45	50	239	69	330	569
Total Vol.	6233		6183		**12416**		10000		10818		**20818**

Daily Totals

NB	SB	Combined
16233	17001	**33234**

	AM			PM		
Split %	50.2%	49.8%	**37.4%**	48.0%	52.0%	**62.6%**
Peak Hour	7:15	7:15	**7:15**	15:45	16:15	**16:00**
Volume	1235	1284	**2519**	1255	1463	**2684**
P.H.F.	0.94	0.91	**0.98**	0.96	0.96	**0.95**

cs@aimtd.com Tell. 714 253 7888

Thursday, August 24, 2023 CITY: Downey PROJECT: SC4157

ADT1 Foster Bridge west of Bluff. **Prepared by AimTD LLC tel. 714 253 7888**

AM Period	EB		WB			PM Period	EB		WB		
0:00	2		4			12:00	19		20		
0:15	1		4			12:15	32		27		
0:30	2		1			12:30	35		25		
0:45	0	5	4	13	18	12:45	35	121	20	92	213
1:00	0		2			13:00	25		19		
1:15	2		1			13:15	32		30		
1:30	0		6			13:30	30		28		
1:45	0	2	1	10	12	13:45	44	131	24	101	232
2:00	0		2			14:00	37		35		
2:15	0		3			14:15	42		22		
2:30	1		2			14:30	44		32		
2:45	0	1	1	8	9	14:45	37	160	38	127	287
3:00	1		0			15:00	49		44		
3:15	0		2			15:15	25		41		
3:30	3		3			15:30	45		41		
3:45	2	6	1	6	12	15:45	41	160	55	181	341
4:00	1		1			16:00	51		47		
4:15	2		1			16:15	44		55		
4:30	1		2			16:30	50		50		
4:45	3	7	2	6	13	16:45	53	198	39	191	389
5:00	8		1			17:00	50		43		
5:15	3		4			17:15	57		45		
5:30	4		11			17:30	42		45		
5:45	4	19	8	24	43	17:45	54	203	53	186	389
6:00	6		7			18:00	54		30		
6:15	9		15			18:15	50		29		
6:30	13		20			18:30	47		32		
6:45	21	49	34	76	125	18:45	40	191	34	125	316
7:00	22		28			19:00	37		24		
7:15	35		36			19:15	34		31		
7:30	50		32			19:30	25		31		
7:45	65	172	49	145	317	19:45	25	121	29	115	236
8:00	47		53			20:00	16		21		
8:15	28		44			20:15	22		20		
8:30	39		28			20:30	23		18		
8:45	23	137	30	155	292	20:45	17	78	14	73	151
9:00	26		20			21:00	4		11		
9:15	16		16			21:15	8		10		
9:30	26		25			21:30	14		16		
9:45	22	90	22	83	173	21:45	7	33	15	52	85
10:00	15		14			22:00	5		16		
10:15	17		22			22:15	8		18		
10:30	25		14			22:30	12		5		
10:45	26	83	14	64	147	22:45	1	26	7	46	72
11:00	25		18			23:00	1		6		
11:15	22		19			23:15	3		8		
11:30	19		31			23:30	1		5		
11:45	30	96	29	97	193	23:45	1	6	4	23	29
Total Vol.		667		687	**1354**			1428		1312	**2740**

Daily Totals	EB	WB	**Combined**
	2095	1999	**4094**

	AM			**PM**		
Split %	49.3%	50.7%	**33.1%**	52.1%	47.9%	**66.9%**
Peak Hour	7:15	7:30	**7:30**	16:30	15:45	**15:45**
Volume	197	178	**368**	210	207	**393**
P.H.F.	0.76	0.84	**0.81**	0.92	0.94	**0.98**

cs@aimtd.com Tell. 714 253 7888

INTERSECTION TURNING MOVEMENT COUNTS

T218

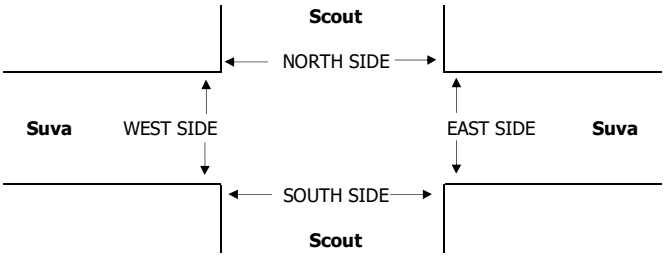
PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

DATE:	LOCATION:	Downey	PROJECT #:	SC4157
Thu, Aug 24, 23	NORTH & SOUTH:	Scout	LOCATION #:	2
	EAST & WEST:	Suva	CONTROL:	STOP ALL

NOTES:

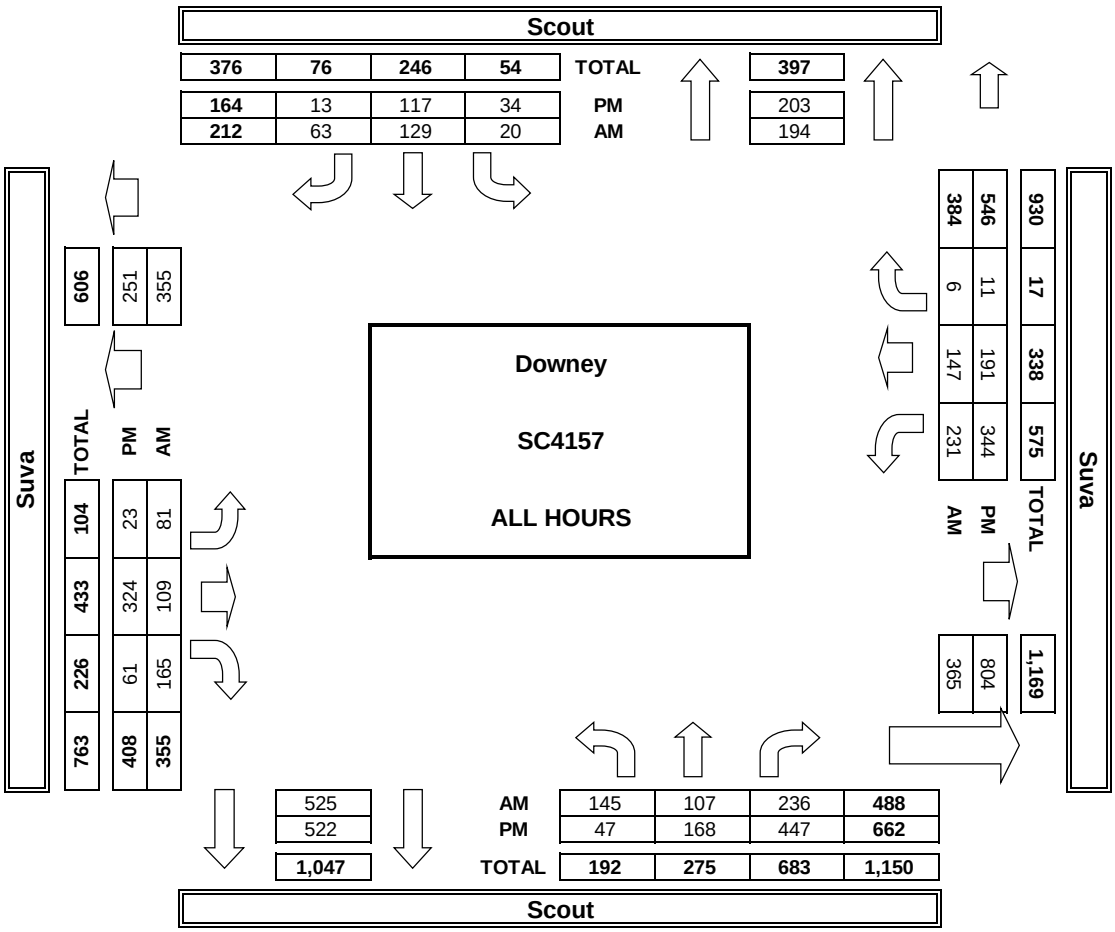
AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

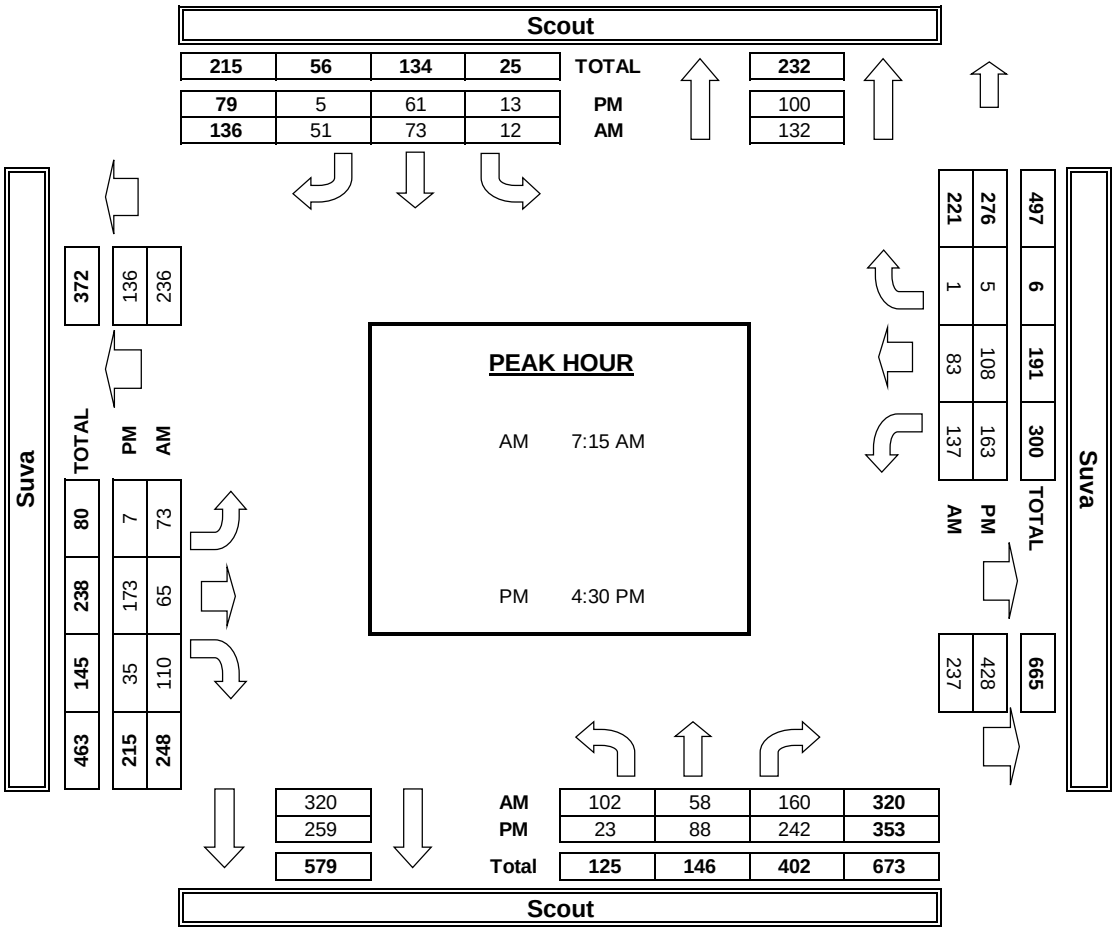
	NORTHBOUND (Scout)			SOUTHBOUND (Scout)			EASTBOUND (Suva)			WESTBOUND (Suva)				U-TURNS				
LANES:	NL 0	NT 2	NR 0	SL 0	ST 2	SR 0	EL 0	ET 1	ER 0	WL 0	WT 1	WR 0	TOTAL	NB 0	SB 0	EB 0	WB 0	TTL
AM 7:00 AM	6	7	18	1	16	3	0	7	7	31	15	1	112	0	0	0	0	0
7:15 AM	6	11	34	6	15	2	3	13	5	28	20	1	144	0	0	0	0	0
7:30 AM	25	12	45	4	26	12	9	20	23	32	27	0	235	0	0	0	0	0
7:45 AM	54	16	47	1	14	32	40	13	44	42	27	0	330	0	0	0	0	0
8:00 AM	17	19	34	1	18	5	21	19	38	35	9	0	216	0	0	0	0	0
8:15 AM	14	17	17	3	18	4	3	15	9	25	15	1	141	0	0	0	0	0
8:30 AM	9	15	21	1	11	5	5	12	29	23	16	1	148	0	0	0	0	0
8:45 AM	14	10	20	3	11	0	0	10	10	15	18	2	113	0	0	0	0	0
VOLUMES	145	107	236	20	129	63	81	109	165	231	147	6	1,439	0	0	0	0	0
APPROACH %	30%	22%	48%	9%	61%	30%	23%	31%	46%	60%	38%	2%						
APP/DEPART	488	/	194	212	/	525	355	/	365	384	/	355	0					
BEGIN PEAK HR		7:15 AM																
VOLUMES	102	58	160	12	73	51	73	65	110	137	83	1	925					
APPROACH %	32%	18%	50%	9%	54%	38%	29%	26%	44%	62%	38%	0%						
PEAK HR FACTOR		0.684			0.723			0.639			0.801		0.701					
APP/DEPART	320	/	132	136	/	320	248	/	237	221	/	236	0					
PM 4:00 PM	4	19	46	2	11	1	0	30	3	49	22	0	187	0	0	0	0	0
4:15 PM	2	24	51	6	13	0	1	39	7	40	21	2	206	0	0	0	0	0
4:30 PM	8	15	64	5	13	0	1	46	8	50	26	0	236	0	0	0	0	0
4:45 PM	8	30	56	4	14	0	2	46	9	36	32	3	240	0	0	0	0	0
5:00 PM	4	26	63	2	13	2	1	39	10	43	30	1	234	0	0	0	0	0
5:15 PM	3	17	59	2	21	3	3	42	8	34	20	1	213	0	0	0	0	0
5:30 PM	11	16	62	6	10	3	3	29	5	51	15	2	213	0	1	0	0	1
5:45 PM	7	21	46	7	22	4	12	53	11	41	25	2	251	0	0	0	0	0
VOLUMES	47	168	447	34	117	13	23	324	61	344	191	11	1,780	0	1	0	0	1
APPROACH %	7%	25%	68%	21%	71%	8%	6%	79%	15%	63%	35%	2%						
APP/DEPART	662	/	203	164	/	522	408	/	804	546	/	251	0					
BEGIN PEAK HR		4:30 PM																
VOLUMES	23	88	242	13	61	5	7	173	35	163	108	5	923					
APPROACH %	7%	25%	69%	16%	77%	6%	3%	80%	16%	59%	39%	2%						
PEAK HR FACTOR		0.939			0.760			0.943			0.908		0.961					
APP/DEPART	353	/	100	79	/	259	215	/	428	276	/	136	0					



AimTD LLC

TURNING MOVEMENT COUNTS





INTERSECTION TURNING MOVEMENT COUNTS

T218

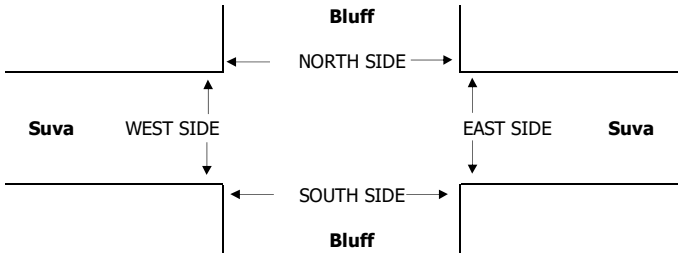
PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

DATE:	LOCATION:	Downey	PROJECT #:	SC4157
Thu, Aug 24, 23	NORTH & SOUTH:	Bluff	LOCATION #:	1
	EAST & WEST:	Suva	CONTROL:	SIGNAL

NOTES:

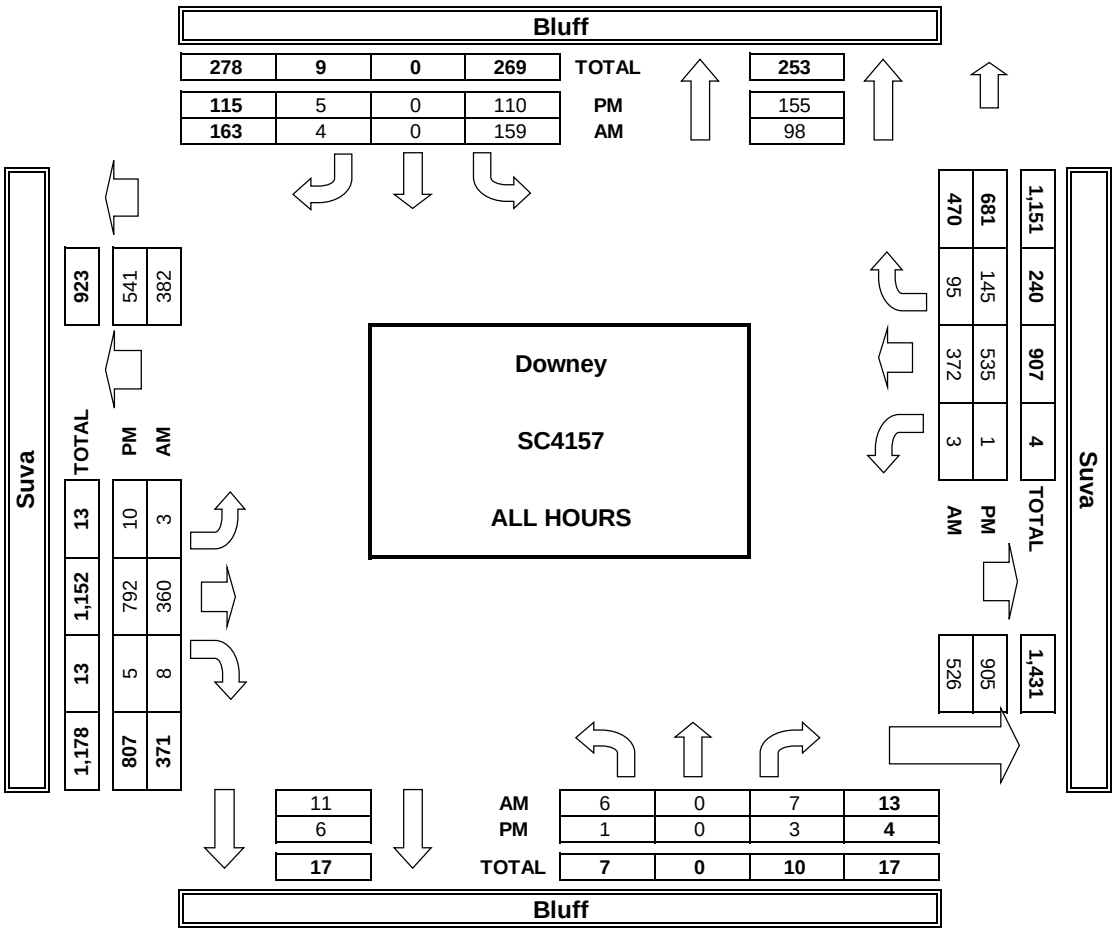
AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

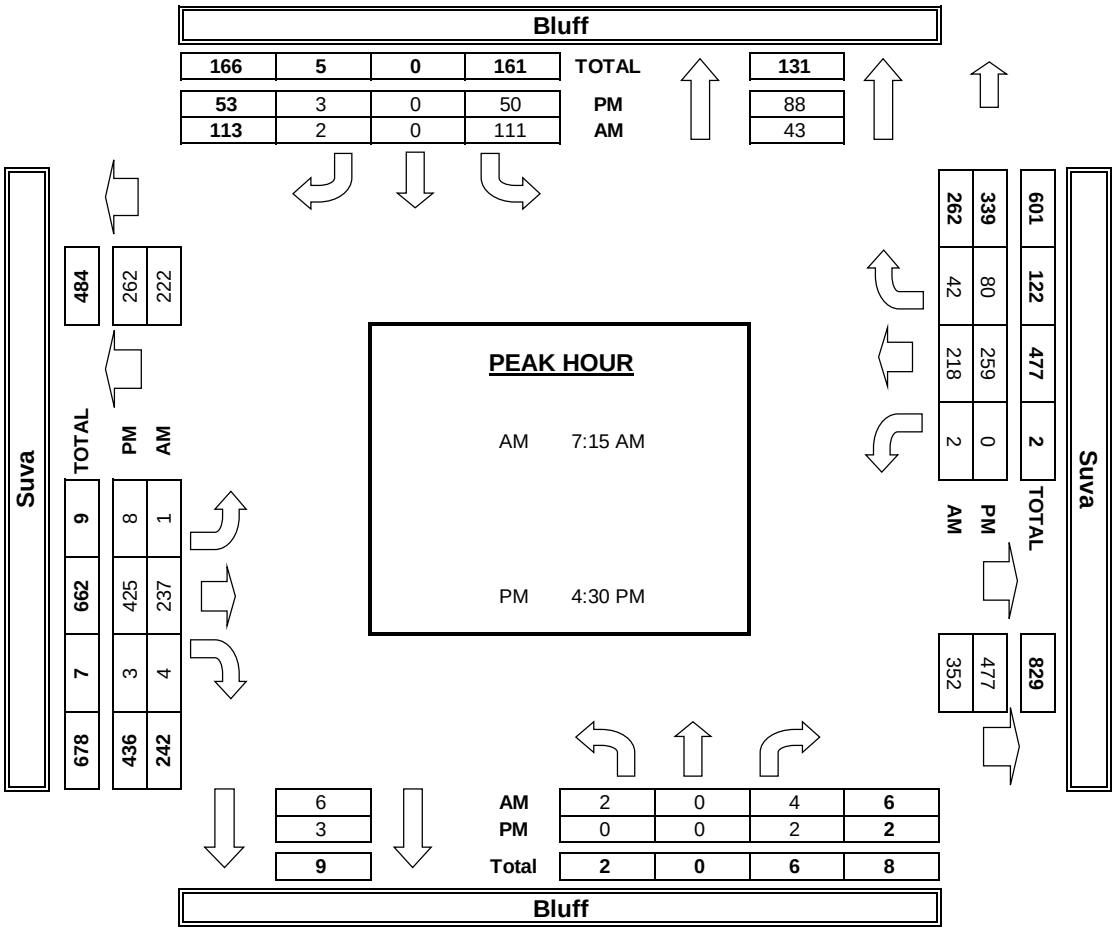
		NORTHBOUND (Bluff)			SOUTHBOUND (Bluff)			EASTBOUND (Suva)			WESTBOUND (Suva)				U-TURNS				
	LANES:	NL 0	NT 1	NR 0	SL 0	ST 1	SR 0	EL 0	ET 1	ER 0	WL 0	WT 1	WR 0	TOTAL	NB 0	SB 0	EB 0	WB 0	TTL
AM	7:00 AM	1	0	1	15	0	1	0	23	2	0	50	8	101	0	0	0	0	0
	7:15 AM	0	0	0	22	0	0	0	52	0	0	44	4	122	0	0	0	0	0
	7:30 AM	0	0	3	42	0	0	0	72	1	0	66	15	199	0	0	0	0	0
	7:45 AM	1	0	0	26	0	1	0	58	1	0	69	14	170	0	0	0	0	0
	8:00 AM	1	0	1	21	0	1	1	55	2	2	39	9	132	0	0	0	0	0
	8:15 AM	0	0	0	13	0	0	0	35	1	0	41	17	107	0	0	0	0	0
	8:30 AM	0	0	1	9	0	1	1	33	0	0	33	20	98	0	0	0	0	0
	8:45 AM	3	0	1	11	0	0	1	32	1	1	30	8	88	0	0	0	0	0
	VOLUMES	6	0	7	159	0	4	3	360	8	3	372	95	1,017	0	0	0	0	0
	APPROACH %	46%	0%	54%	98%	0%	2%	1%	97%	2%	1%	79%	20%						
	APP/DEPART	13	/	98	163	/	11	371	/	526	470	/	382	0					
	BEGIN PEAK HR		7:15 AM																
	VOLUMES	2	0	4	111	0	2	1	237	4	2	218	42	623					
	APPROACH %	33%	0%	67%	98%	0%	2%	0%	98%	2%	1%	83%	16%						
	PEAK HR FACTOR		0.500			0.673			0.829			0.789		0.783					
	APP/DEPART	6	/	43	113	/	6	242	/	352	262	/	222	0					
PM	4:00 PM	1	0	0	13	0	0	1	80	0	0	67	18	180	0	0	0	0	0
	4:15 PM	0	0	0	22	0	0	0	92	0	0	70	17	201	0	0	0	0	0
	4:30 PM	0	0	0	15	0	0	2	108	0	0	67	18	210	0	0	0	0	0
	4:45 PM	0	0	0	13	0	0	0	107	2	0	69	18	209	0	0	0	0	0
	5:00 PM	0	0	1	13	0	2	3	105	1	0	69	10	204	0	0	0	0	0
	5:15 PM	0	0	1	9	0	1	3	105	0	0	54	34	207	0	0	0	0	0
	5:30 PM	0	0	0	11	0	1	1	98	1	0	75	16	203	0	0	0	0	0
	5:45 PM	0	0	1	14	0	1	0	97	1	1	64	14	193	0	0	0	0	0
	VOLUMES	1	0	3	110	0	5	10	792	5	1	535	145	1,607	0	0	0	0	0
	APPROACH %	25%	0%	75%	96%	0%	4%	1%	98%	1%	0%	79%	21%						
	APP/DEPART	4	/	155	115	/	6	807	/	905	681	/	541	0					
	BEGIN PEAK HR		4:30 PM																
	VOLUMES	0	0	2	50	0	3	8	425	3	0	259	80	830					
	APPROACH %	0%	0%	100%	94%	0%	6%	2%	97%	1%	0%	76%	24%						
	PEAK HR FACTOR		0.500			0.883			0.991			0.963		0.988					
	APP/DEPART	2	/	88	53	/	3	436	/	477	339	/	262	0					



AimTD LLC

TURNING MOVEMENT COUNTS





INTERSECTION TURNING MOVEMENT COUNTS

T218

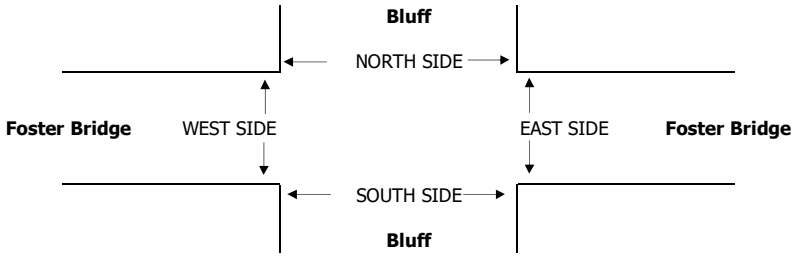
PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

DATE:	LOCATION:	Downey	PROJECT #:	SC4157
Thu, Aug 24, 23	NORTH & SOUTH:	Bluff	LOCATION #:	1
	EAST & WEST:	Foster Bridge	CONTROL:	SIGNAL

NOTES:

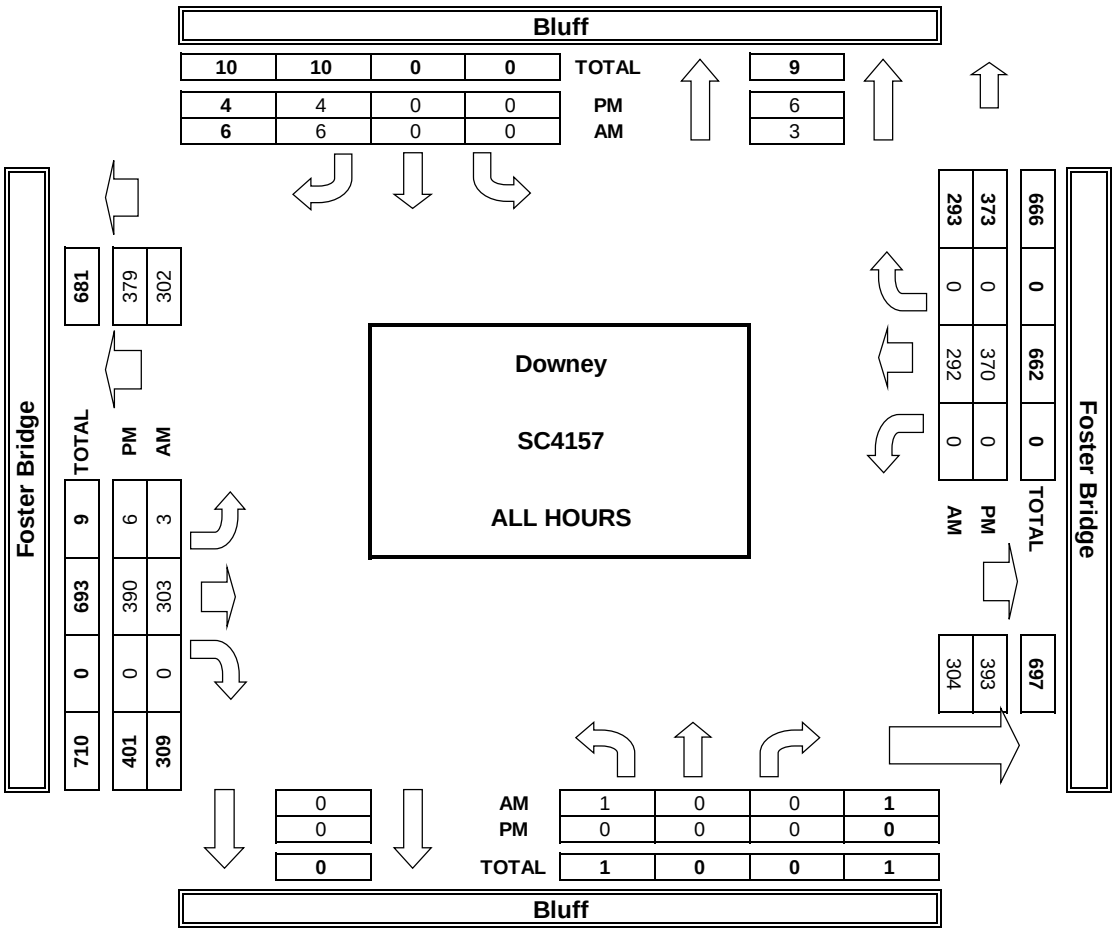
AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

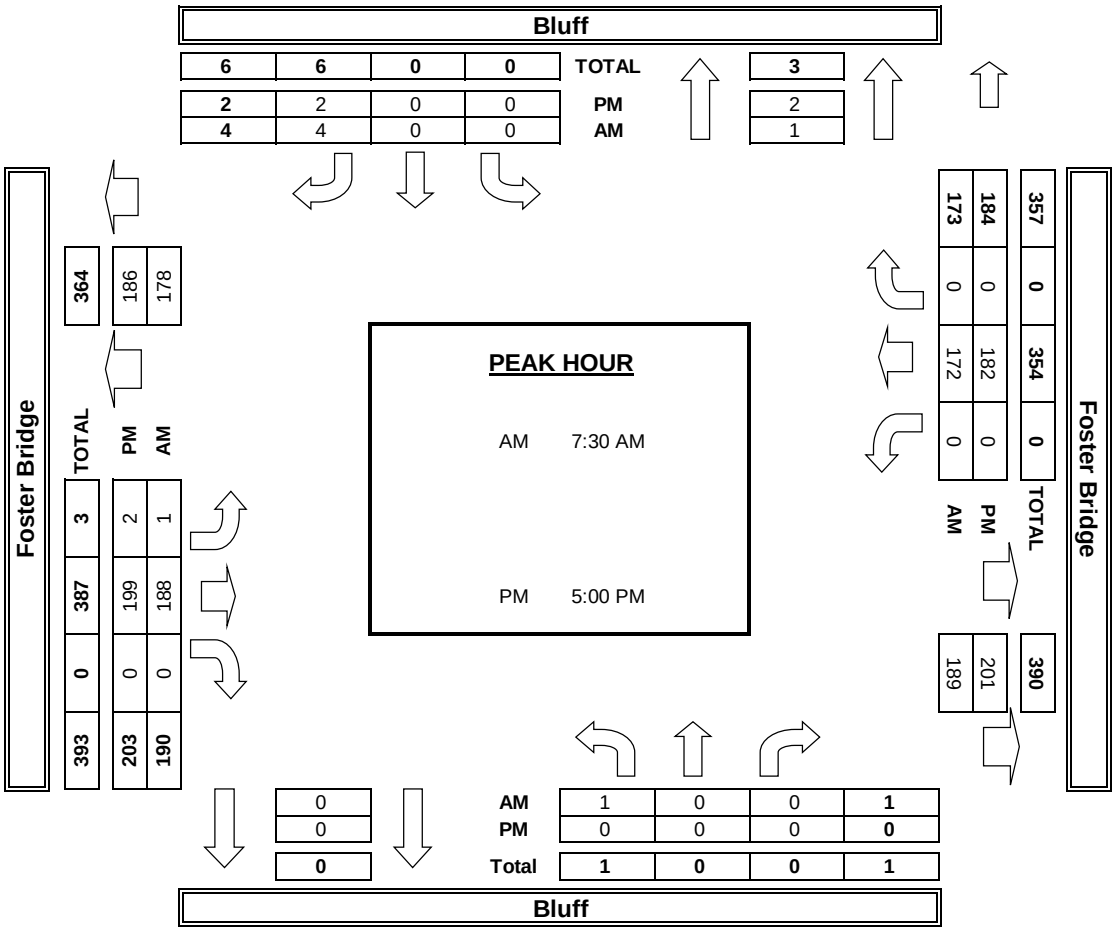
		NORTHBOUND (Bluff)			SOUTHBOUND (Bluff)			EASTBOUND (Foster Bridge)			WESTBOUND (Foster Bridge)				U-TURNS				
	LANES:	NL 0	NT 1	NR 0	SL 0	ST 1	SR 0	EL 0	ET 1	ER 0	WL 0	WT 1	WR 0	TOTAL	NB 0	SB 0	EB 0	WB 0	TTL
AM	7:00 AM	0	0	0	0	0	0	0	21	0	0	28	0	49	0	0	1	0	1
	7:15 AM	0	0	0	0	0	1	0	35	0	0	35	0	71	0	0	0	0	0
	7:30 AM	0	0	0	0	0	0	0	50	0	0	31	0	81	0	0	0	1	1
	7:45 AM	1	0	0	0	0	2	0	64	0	0	46	0	113	0	0	1	0	1
	8:00 AM	0	0	0	0	0	2	0	47	0	0	51	0	100	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	1	27	0	0	44	0	72	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	1	38	0	0	28	0	67	0	0	0	0	0
	8:45 AM	0	0	0	0	0	1	1	21	0	0	29	0	52	0	0	1	0	1
	VOLUMES	1	0	0	0	0	6	3	303	0	0	292	0	609	0	0	3	1	4
	APPROACH %	100%	0%	0%	0%	0%	100%	1%	98%	0%	0%	100%	0%						
	APP/DEPART	1	/	3	6	/	0	309	/	304	293	/	302	0					
	BEGIN PEAK HR		7:30 AM																
	VOLUMES	1	0	0	0	0	4	1	188	0	0	172	0	368					
	APPROACH %	100%	0%	0%	0%	0%	100%	1%	99%	0%	0%	99%	0%						
	PEAK HR FACTOR		0.250			0.500			0.731			0.848		0.807					
	APP/DEPART	1	/	1	4	/	0	190	/	189	173	/	178	0					
PM	4:00 PM	0	0	0	0	0	0	1	49	0	0	47	0	97	0	0	1	0	1
	4:15 PM	0	0	0	0	0	0	1	43	0	0	55	0	99	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	49	0	0	49	0	98	0	0	1	1	2
	4:45 PM	0	0	0	0	0	2	2	50	0	0	37	0	91	0	0	1	0	1
	5:00 PM	0	0	0	0	0	0	0	50	0	0	43	0	93	0	0	0	0	0
	5:15 PM	0	0	0	0	0	1	0	55	0	0	43	0	99	0	0	2	1	3
	5:30 PM	0	0	0	0	0	1	0	42	0	0	44	0	87	0	0	0	0	0
	5:45 PM	0	0	0	0	0	0	2	52	0	0	52	0	106	0	0	0	1	1
	VOLUMES	0	0	0	0	0	4	6	390	0	0	370	0	778	0	0	5	3	8
	APPROACH %	0%	0%	0%	0%	0%	100%	1%	97%	0%	0%	99%	0%						
	APP/DEPART	0	/	6	4	/	0	401	/	393	373	/	379	0					
	BEGIN PEAK HR		5:00 PM																
	VOLUMES	0	0	0	0	0	2	2	199	0	0	182	0	389					
	APPROACH %	0%	0%	0%	0%	0%	100%	1%	98%	0%	0%	99%	0%						
	PEAK HR FACTOR		0.000			0.250			0.890			0.836		0.909					
	APP/DEPART	0	/	2	2	/	0	203	/	201	184	/	186	0					



AimTD LLC

TURNING MOVEMENT COUNTS





INTERSECTION TURNING MOVEMENT COUNTS

T218

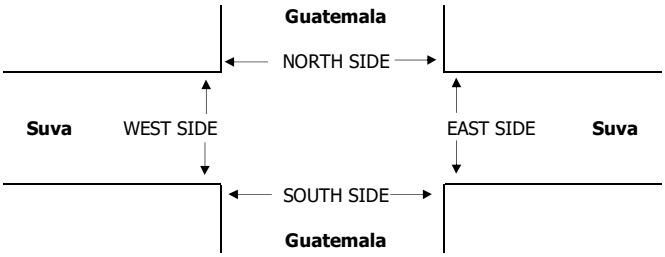
PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

DATE:	LOCATION:	Downey	PROJECT #:	SC4157
Thu, Aug 24, 23	NORTH & SOUTH:	Guatemala	LOCATION #:	3
	EAST & WEST:	Suva	CONTROL:	STOP ALL

NOTES:

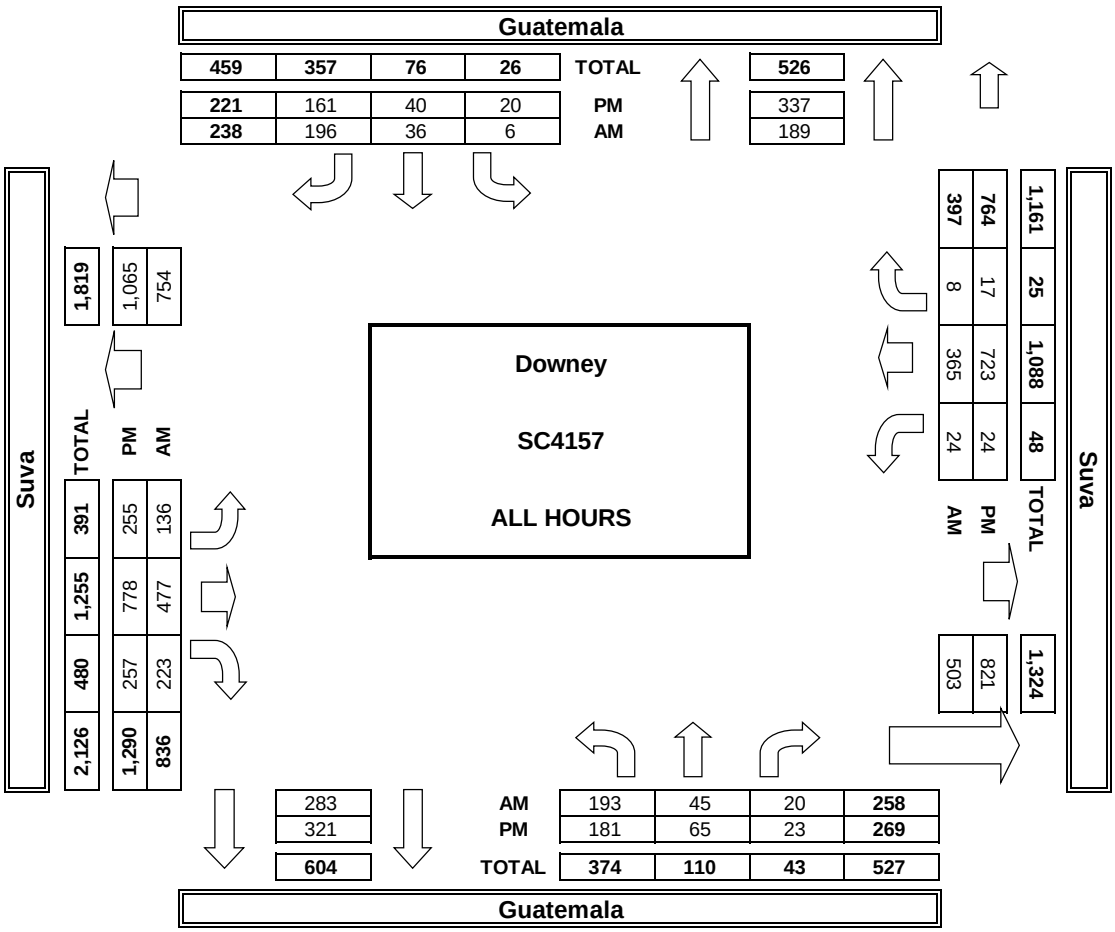
AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

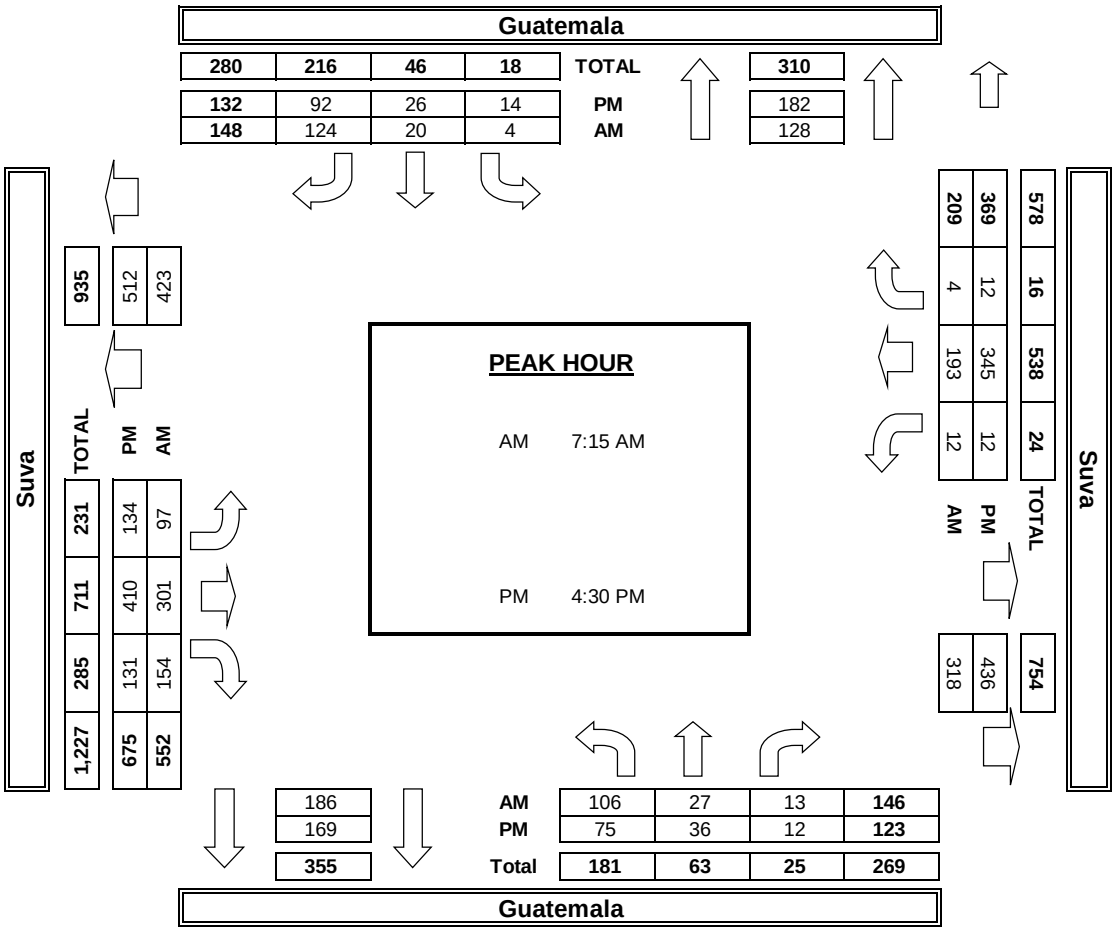
		NORTHBOUND Guatemala			SOUTHBOUND Guatemala			EASTBOUND Suva			WESTBOUND Suva				U-TURNS				
	LANES:	NL 0	NT 1	NR 0	SL 0	ST 1	SR 0	EL 0	ET 1	ER 0	WL 0	WT 1	WR 0	TOTAL	NB 0	SB 0	EB 0	WB 0	TTL
AM	7:00 AM	13	4	1	1	4	25	5	42	17	1	44	2	159	0	0	0	0	0
	7:15 AM	15	5	3	0	2	26	17	61	25	0	49	0	203	0	0	0	0	0
	7:30 AM	27	5	3	1	5	31	16	95	45	4	48	0	280	0	0	0	0	0
	7:45 AM	31	5	4	0	11	49	38	85	42	2	45	2	314	0	0	0	0	0
	8:00 AM	33	12	3	3	2	18	26	60	42	6	51	2	258	0	0	0	0	0
	8:15 AM	29	7	1	0	5	17	16	43	14	6	53	0	191	0	0	0	0	0
	8:30 AM	29	2	3	1	3	15	9	48	25	3	38	1	177	0	0	0	0	0
	8:45 AM	16	5	2	0	4	15	9	43	13	2	37	1	147	0	0	0	0	0
	VOLUMES	193	45	20	6	36	196	136	477	223	24	365	8	1,729	0	0	0	0	0
	APPROACH %	75%	17%	8%	3%	15%	82%	16%	57%	27%	6%	92%	2%						
	APP/DEPART	258	/	189	238	/	283	836	/	503	397	/	754	0					
	BEGIN PEAK HR		7:15 AM																
	VOLUMES	106	27	13	4	20	124	97	301	154	12	193	4	1,055					
	APPROACH %	73%	18%	9%	3%	14%	84%	18%	55%	28%	6%	92%	2%						
	PEAK HR FACTOR		0.760			0.617			0.836			0.886		0.840					
	APP/DEPART	146	/	128	148	/	186	552	/	318	209	/	423	0					
PM	4:00 PM	21	8	1	3	1	22	37	87	23	1	106	1	311	0	0	0	0	0
	4:15 PM	31	6	3	0	4	16	31	81	40	2	93	0	307	0	0	0	0	0
	4:30 PM	15	8	3	0	5	27	29	112	38	1	89	1	328	0	0	0	0	0
	4:45 PM	17	6	5	8	8	26	26	106	30	5	82	5	324	0	0	0	0	0
	5:00 PM	12	13	2	4	7	15	47	97	32	3	91	1	324	0	0	0	0	0
	5:15 PM	31	9	2	2	6	24	32	95	31	3	83	5	323	0	0	0	0	0
	5:30 PM	24	10	4	2	4	14	35	96	32	5	91	2	319	0	0	0	0	0
	5:45 PM	30	5	3	1	5	17	18	104	31	4	88	2	308	0	0	0	0	0
	VOLUMES	181	65	23	20	40	161	255	778	257	24	723	17	2,544	0	0	0	0	0
	APPROACH %	67%	24%	9%	9%	18%	73%	20%	60%	20%	3%	95%	2%						
	APP/DEPART	269	/	337	221	/	321	1,290	/	821	764	/	1,065	0					
	BEGIN PEAK HR		4:30 PM																
	VOLUMES	75	36	12	14	26	92	134	410	131	12	345	12	1,299					
	APPROACH %	61%	29%	10%	11%	20%	70%	20%	61%	19%	3%	93%	3%						
	PEAK HR FACTOR		0.732			0.786			0.943			0.971		0.990					
	APP/DEPART	123	/	182	132	/	169	675	/	436	369	/	512	0					



AimTD LLC

TURNING MOVEMENT COUNTS





INTERSECTION TURNING MOVEMENT COUNTS

T218

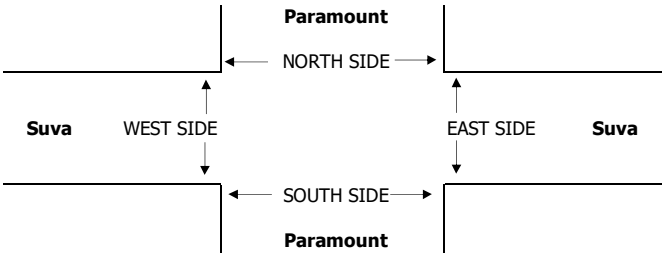
PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

DATE:	LOCATION:	Downey	PROJECT #:	SC4157
Thu, Aug 24, 23	NORTH & SOUTH:	Paramount	LOCATION #:	4
	EAST & WEST:	Suva	CONTROL:	SIGNAL

NOTES:

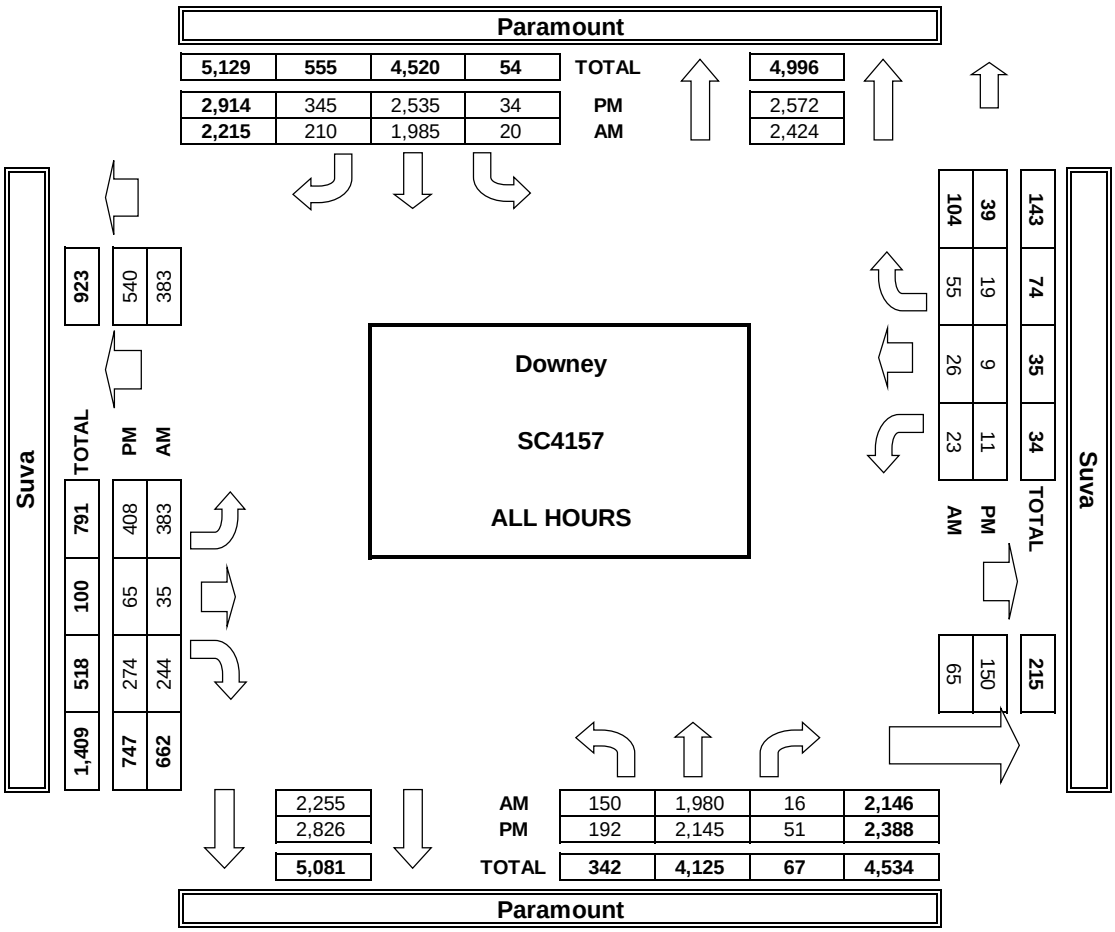
AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

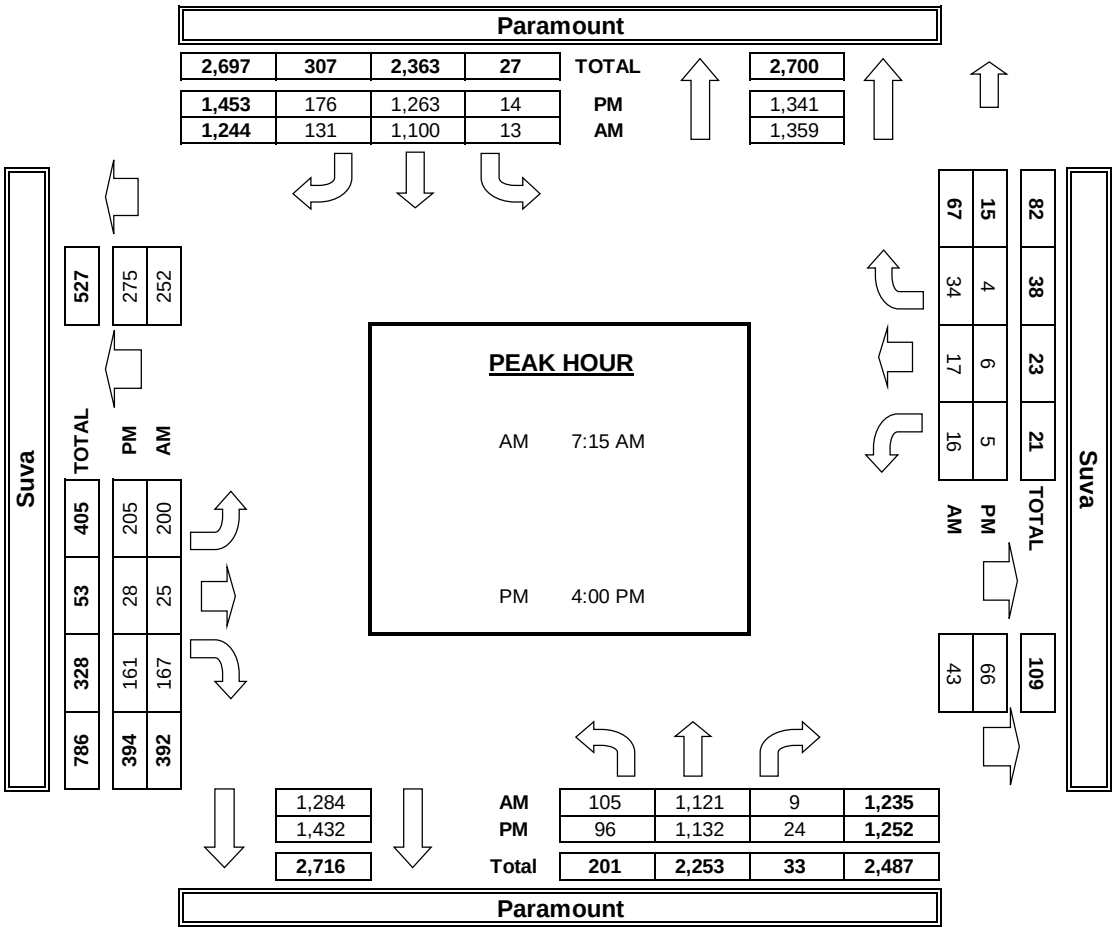
	NORTHBOUND (Paramount)			SOUTHBOUND (Paramount)			EASTBOUND (Suva)			WESTBOUND (Suva)				U-TURNS				
LANES:	NL 1	NT 2	NR 0	SL 1	ST 2	SR 0	EL 0	ET 1	ER 0	WL 0	WT 1	WR 0	TOTAL	NB 0	SB 0	EB 0	WB 0	TTL
AM 7:00 AM	14	263	2	1	227	26	40	1	11	3	4	7	599	0	0	0	0	0
7:15 AM	20	291	0	2	269	43	58	3	24	3	4	9	726	1	1	0	0	2
7:30 AM	35	292	2	2	271	40	45	4	41	3	3	4	742	0	0	0	0	0
7:45 AM	25	254	4	1	290	32	52	11	54	8	5	10	746	0	0	0	0	0
8:00 AM	25	284	3	8	270	16	45	7	48	2	5	11	724	0	3	0	0	3
8:15 AM	9	194	3	3	197	17	51	6	32	2	0	5	519	0	1	0	0	1
8:30 AM	15	208	1	2	230	17	39	1	15	1	1	5	535	2	1	0	0	3
8:45 AM	7	194	1	1	231	19	53	2	19	1	4	4	536	0	0	0	0	0
VOLUMES	150	1,980	16	20	1,985	210	383	35	244	23	26	55	5,127	3	6	0	0	9
APPROACH %	7%	92%	1%	1%	90%	9%	58%	5%	37%	22%	25%	53%						
APP/DEPART	2,146	/	2,424	2,215	/	2,255	662	/	65	104	/	383	0					
BEGIN PEAK HR		7:15 AM																
VOLUMES	105	1,121	9	13	1,100	131	200	25	167	16	17	34	2,938					
APPROACH %	9%	91%	1%	1%	88%	11%	51%	6%	43%	24%	25%	51%						
PEAK HR FACTOR		0.938			0.963			0.838			0.728		0.985					
APP/DEPART	1,235	/	1,359	1,244	/	1,284	392	/	43	67	/	252	0					
PM 4:00 PM	23	288	7	4	284	45	45	6	44	0	2	2	750	0	0	0	0	0
4:15 PM	24	301	4	4	328	46	44	5	39	2	3	2	802	0	0	0	0	0
4:30 PM	26	295	3	2	337	44	49	10	40	1	0	0	807	3	0	0	0	3
4:45 PM	23	248	10	4	314	41	67	7	38	2	1	0	755	0	0	0	0	0
5:00 PM	11	239	4	4	327	48	54	12	30	1	2	3	735	1	0	0	0	1
5:15 PM	38	279	5	6	323	34	54	10	24	3	0	3	779	1	0	0	0	1
5:30 PM	23	245	11	6	308	53	40	6	29	1	1	6	729	0	0	0	0	0
5:45 PM	24	250	7	4	314	34	55	9	30	1	0	3	731	1	0	0	0	1
VOLUMES	192	2,145	51	34	2,535	345	408	65	274	11	9	19	6,088	6	0	0	0	6
APPROACH %	8%	90%	2%	1%	87%	12%	55%	9%	37%	28%	23%	49%						
APP/DEPART	2,388	/	2,572	2,914	/	2,826	747	/	150	39	/	540	0					
BEGIN PEAK HR		4:00 PM																
VOLUMES	96	1,132	24	14	1,263	176	205	28	161	5	6	4	3,114					
APPROACH %	8%	90%	2%	1%	87%	12%	52%	7%	41%	33%	40%	27%						
PEAK HR FACTOR		0.951			0.948			0.879			0.536		0.965					
APP/DEPART	1,252	/	1,341	1,453	/	1,432	394	/	66	15	/	275	0					



AimTD LLC

TURNING MOVEMENT COUNTS





APPENDIX D

LEVEL OF SERVICE WORKSHEETS

EXISTING

Dowey Foster Bridge Residential

Vistro File: G:\...\AME.vistro
Report File: G:\...\AME.pdf

Scenario 1 Existing AM Peak Hour
10/13/2023

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Suva St (NS) at Scout Ave (EW)	All-way stop	HCM 7th Edition	SB Right	0.628	16.9	C
2	Suva St (NS) at Bluff Rd (EW)	Signalized	HCM 7th Edition	SWB Thru	0.632	15.9	B
3	Suva St (NS) at Guatemala Ave (EW)	All-way stop	HCM 7th Edition	SB Thru	0.822	19.6	C
4	Suva St (NS) at Paramount Blvd (EW)	Signalized	HCM 7th Edition	WB Right	0.705	20.8	C

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Suva St (NS) at Scout Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	16.9
Analysis Method:	HCM 7th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.628

Intersection Setup

Name											
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00			25.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	137	83	1	73	65	110	102	58	160	12	73	51
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	137	83	1	73	65	110	102	58	160	12	73	51
Peak Hour Factor	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	49	30	0	26	23	39	36	21	57	4	26	18
Total Analysis Volume [veh/h]	195	118	1	104	93	157	146	83	228	17	104	73
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	532	564	477	554	459	499
Degree of Utilization, x	0.59	0.63	0.48	0.41	0.21	0.19

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	3.80	4.35	2.55	2.01	0.79	0.71
95th-Percentile Queue Length [ft]	95.10	108.66	63.80	50.23	19.78	17.84
Approach Delay [s/veh]	19.10	19.56	15.35		12.15	
Approach LOS	C	C	C		B	
Intersection Delay [s/veh]	16.90					
Intersection LOS	C					

Intersection Level Of Service Report
Intersection 2: Suva St (NS) at Bluff Rd (EW)

Control Type:	Signalized	Delay (sec / veh):	15.9
Analysis Method:	HCM 7th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.632

Intersection Setup

Name												
Approach	Northbound				Southbound				Eastbound			
Lane Configuration												
Turning Movement	Left	Thru	Right	Right2	Left2	Left	Thru	Right	Left2	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00				25.00				25.00			
Grade [%]	0.00				0.00				0.00			
Curb Present	No				No				No			
Crosswalk	Yes				Yes				Yes			

Volumes

Name												
Base Volume Input [veh/h]	2	218	42	172	1	1	237	4	1	2	0	4
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00											
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	2	218	42	172	1	1	237	4	1	2	0	4
Peak Hour Factor	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	70	13	55	0	0	76	1	0	1	0	1
Total Analysis Volume [veh/h]	3	278	54	220	1	1	303	5	1	3	0	5
Presence of On-Street Parking	No			No	No			No	No			No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0				0				0			
v_di, Inbound Pedestrian Volume crossing th	0				0				0			
v_co, Outbound Pedestrian Volume along th	0				0				0			
v_ci, Inbound Pedestrian Volume along the e	0				0				0			
v_ab, Corner Pedestrian Volume [ped/h]	0				0				0			
Bicycle Volume [bicycles/h]	0				0				0			

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	60
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	6.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss
Signal Group	0	2	0	0	0	0	6	0	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	10	0	0	0	0	10	0	0	0	10	0
Maximum Green [s]	0	120	0	0	0	0	120	0	0	0	120	0
Amber [s]	0.0	3.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	0.0
All red [s]	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0
Split [s]	0	19	0	0	0	0	19	0	0	0	19	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	0.0
Walk [s]	0	5	0	0	0	0	5	0	0	0	5	0
Pedestrian Clearance [s]	0	10	0	0	0	0	10	0	0	0	10	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No					No				No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0
Minimum Recall		No					No				No	
Maximum Recall		No					No				No	
Pedestrian Recall		No					No				No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	C
C, Cycle Length [s]	48	48	48
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	2.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00
g_i, Effective Green Time [s]	18	18	9
g / C, Green / Cycle	0.37	0.37	0.18
(v / s)_i Volume / Saturation Flow Rate	0.32	0.17	0.01
s, saturation flow rate [veh/h]	1720	1864	1699
c, Capacity [veh/h]	719	773	412
d1, Uniform Delay [s]	14.03	11.40	16.43
k, delay calibration	0.11	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00
d2, Incremental Delay [s]	1.80	0.34	0.02
d3, Initial Queue Delay [s]	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.77	0.40	0.02
d, Delay for Lane Group [s/veh]	15.83	11.73	16.46
Lane Group LOS	B	B	B
Critical Lane Group	Yes	No	No
50th-Percentile Queue Length [veh/ln]	5.09	2.22	0.08
50th-Percentile Queue Length [ft/ln]	127.23	55.46	1.96
95th-Percentile Queue Length [veh/ln]	8.79	3.99	0.14
95th-Percentile Queue Length [ft/ln]	219.72	99.83	3.52

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	15.83	15.83	15.83	15.83	11.73	11.73	11.73	11.73	16.46	16.46	16.46	16.46
Movement LOS	B	B	B	B	B	B	B	B	B	B	B	B
d_A, Approach Delay [s/veh]	15.83				11.73				16.46			
Approach LOS	B				B				B			
d_I, Intersection Delay [s/veh]	15.94											
Intersection LOS	B											
Intersection V/C	0.632											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	16.07	16.07	16.07
l_p,int, Pedestrian LOS Score for Intersection	2.391	1.931	1.695
Crosswalk LOS	B	A	A
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	619	619	619
d_b, Bicycle Delay [s]	11.55	11.55	11.55
l_b,int, Bicycle LOS Score for Intersection	2.112	2.069	1.570
Bicycle LOS	B	B	A

Intersection Setup

Name								
Approach	Westbound				Southwestbound			
Lane Configuration								
Turning Movement	Left	Thru	Right	Right2	Left	Thru	Right	Right2
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00				25.00			
Grade [%]	0.00				0.00			
Curb Present	No				No			
Crosswalk	Yes				Yes			

Volumes

Name								
Base Volume Input [veh/h]	111	0	2	4	1	188	0	3
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00							
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	111	0	2	4	1	188	0	3
Peak Hour Factor	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	35	0	1	1	0	60	0	1
Total Analysis Volume [veh/h]	142	0	3	5	1	240	0	4
Presence of On-Street Parking	No			No	No			No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0				0			
v_di, Inbound Pedestrian Volume crossing th	0				0			
v_co, Outbound Pedestrian Volume along th	0				0			
v_ci, Inbound Pedestrian Volume along the e	0				0			
v_ab, Corner Pedestrian Volume [ped/h]	0				0			
Bicycle Volume [bicycles/h]	0				0			

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	60
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	6.00

Phasing & Timing

Control Type	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive
Signal Group	0	8	0	0	0	10	0	0
Auxiliary Signal Groups								
Lead / Lag	-	-	-	-	-	-	-	-
Minimum Green [s]	0	10	0	0	0	10	0	0
Maximum Green [s]	0	120	0	0	0	120	0	0
Amber [s]	0.0	3.0	0.0	0.0	0.0	3.0	0.0	0.0
All red [s]	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0
Split [s]	0	19	0	0	0	22	0	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	0.0	3.0	0.0	0.0
Walk [s]	0	5	0	0	0	5	0	0
Pedestrian Clearance [s]	0	10	0	0	0	10	0	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No				No		
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0
Minimum Recall		No				No		
Maximum Recall		No				No		
Pedestrian Recall		No				No		
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C
C, Cycle Length [s]	48	48
L, Total Lost Time per Cycle [s]	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	2.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00
g_i, Effective Green Time [s]	9	10
g / C, Green / Cycle	0.18	0.20
(v / s)_i Volume / Saturation Flow Rate	0.10	0.13
s, saturation flow rate [veh/h]	1510	1864
c, Capacity [veh/h]	415	371
d1, Uniform Delay [s]	17.92	17.95
k, delay calibration	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00
d2, Incremental Delay [s]	0.53	2.02
d3, Initial Queue Delay [s]	0.00	0.00
Rp, platoon ratio	1.00	1.00
PF, progression factor	1.00	1.00

Lane Group Results

X, volume / capacity	0.36	0.66
d, Delay for Lane Group [s/veh]	18.45	19.96
Lane Group LOS	B	B
Critical Lane Group	Yes	Yes
50th-Percentile Queue Length [veh/ln]	1.44	2.50
50th-Percentile Queue Length [ft/ln]	36.04	62.48
95th-Percentile Queue Length [veh/ln]	2.59	4.50
95th-Percentile Queue Length [ft/ln]	64.87	112.46

Movement, Approach, & Intersection Results

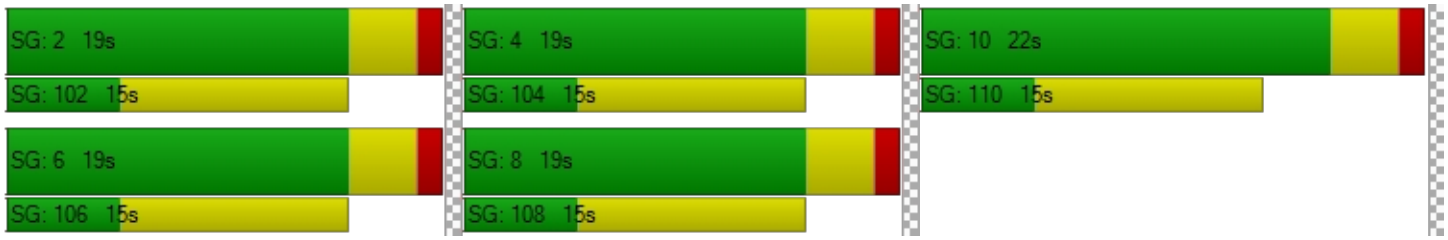
d_M, Delay for Movement [s/veh]	18.45	18.45	18.45	18.45	19.96	19.96	19.96	19.96
Movement LOS	B	B	B	B	B	B	B	B
d_A, Approach Delay [s/veh]	18.45				19.96			
Approach LOS	B				B			
d_I, Intersection Delay [s/veh]	15.94							
Intersection LOS	B							
Intersection V/C	0.632							

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00
d_p, Pedestrian Delay [s]	16.07	16.07
l_p,int, Pedestrian LOS Score for Intersection	1.837	1.817
Crosswalk LOS	A	A
s_b, Saturation Flow Rate of the bicycle lane	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	619	743
d_b, Bicycle Delay [s]	11.55	9.57
l_b,int, Bicycle LOS Score for Intersection	1.799	1.957
Bicycle LOS	A	A

Sequence

Ring 1	2	4	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 3: Suva St (NS) at Guatemala Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	19.6
Analysis Method:	HCM 7th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.822

Intersection Setup

Name											
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00			25.00			25.00			25.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name												
Base Volume Input [veh/h]	12	193	4	97	301	154	106	27	13	4	20	124
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	12	193	4	97	301	154	106	27	13	4	20	124
Peak Hour Factor	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	4	57	1	29	90	46	32	8	4	1	6	37
Total Analysis Volume [veh/h]	14	230	5	115	358	183	126	32	15	5	24	148
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	578	575	664	529	578
Degree of Utilization, x	0.43	0.82	0.28	0.33	0.31

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	2.16	8.38	1.12	1.41	1.29
95th-Percentile Queue Length [ft]	53.97	209.44	28.02	35.26	32.29
Approach Delay [s/veh]	13.87	25.56		13.06	11.96
Approach LOS	B	D		B	B
Intersection Delay [s/veh]	19.60				
Intersection LOS	C				

Intersection Level Of Service Report
Intersection 4: Suva St (NS) at Paramount Blvd (EW)

Control Type:	Signalized	Delay (sec / veh):	20.8
Analysis Method:	HCM 7th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.705

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	225.00	100.00	100.00	115.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00			25.00			40.00			40.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	16	17	34	200	25	167	105	1121	9	13	1100	131
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00											
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	16	17	34	200	25	167	105	1121	9	13	1100	131
Peak Hour Factor	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	4	4	9	51	6	42	27	285	2	3	279	33
Total Analysis Volume [veh/h]	16	17	35	203	25	170	107	1138	9	13	1117	133
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing m	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing mi	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	65
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	6.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	ProtPer	Permiss	Permiss	ProtPer	Permiss	Permiss
Signal Group	0	6	0	0	2	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	0	10	0	0	10	0	7	10	0	7	10	0
Maximum Green [s]	0	120	0	0	120	0	120	120	0	120	120	0
Amber [s]	0.0	3.0	0.0	0.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
All red [s]	0.0	1.0	0.0	0.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	0	26	0	0	26	0	11	28	0	11	28	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
Walk [s]	0	5	0	0	5	0	0	5	0	0	5	0
Pedestrian Clearance [s]	0	17	0	0	17	0	0	7	0	0	7	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
Minimum Recall		No			No		No	No		No	No	
Maximum Recall		No			No		No	No		No	No	
Pedestrian Recall		No			No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	L	C	C
C, Cycle Length [s]	65	65	65	65	65	65	65	65
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00
g_i, Effective Green Time [s]	23	23	34	29	29	34	24	24
g / C, Green / Cycle	0.35	0.35	0.52	0.44	0.44	0.52	0.37	0.37
(v / s)_i Volume / Saturation Flow Rate	0.04	0.26	0.14	0.31	0.31	0.02	0.34	0.34
s, saturation flow rate [veh/h]	1613	1515	759	1870	1865	623	1870	1801
c, Capacity [veh/h]	640	621	414	819	817	362	689	664
d1, Uniform Delay [s]	14.11	18.06	12.49	14.81	14.81	9.77	19.64	19.67
k, delay calibration	0.50	0.50	0.11	0.11	0.11	0.11	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	0.33	5.03	0.33	1.10	1.11	0.04	5.74	6.12
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.11	0.64	0.26	0.70	0.70	0.04	0.92	0.93
d, Delay for Lane Group [s/veh]	14.45	23.08	12.82	15.91	15.92	9.81	25.37	25.79
Lane Group LOS	B	C	B	B	B	A	C	C
Critical Lane Group	No	Yes	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	0.70	5.68	0.64	5.88	5.87	0.07	8.85	8.64
50th-Percentile Queue Length [ft/ln]	17.44	141.98	15.95	147.07	146.73	1.83	221.34	215.90
95th-Percentile Queue Length [veh/ln]	1.26	9.59	1.15	9.86	9.84	0.13	13.73	13.46
95th-Percentile Queue Length [ft/ln]	31.39	239.69	28.71	246.51	246.06	3.29	343.34	336.39

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	14.45	14.45	14.45	23.08	23.08	23.08	12.82	15.92	15.92	9.81	25.55	25.79
Movement LOS	B	B	B	C	C	C	B	B	B	A	C	C
d_A, Approach Delay [s/veh]	14.45			23.08			15.65			25.42		
Approach LOS	B			C			B			C		
d_I, Intersection Delay [s/veh]	20.75											
Intersection LOS	C											
Intersection V/C	0.705											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	9.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	24.13	24.13	24.13	24.13
l_p,int, Pedestrian LOS Score for Intersection	1.755	2.027	2.972	3.260
Crosswalk LOS	A	B	C	C
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	677	677	738	738
d_b, Bicycle Delay [s]	14.23	14.23	12.94	12.94
l_b,int, Bicycle LOS Score for Intersection	1.672	2.216	2.594	2.602
Bicycle LOS	A	B	B	B

Sequence

Ring 1	-	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Dowey Foster Bridge Residential

Vistro File: G:\...\PME.vistro
Report File: G:\...\PME.pdf

Scenario 1 Existing PM Peak Hour
10/13/2023

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Suva St (NS) at Scout Ave (EW)	All-way stop	HCM 7th Edition	NB Left	0.444	11.6	B
2	Suva St (NS) at Bluff Rd (EW)	Signalized	HCM 7th Edition	WB Left	0.485	12.8	B
3	Suva St (NS) at Guatemala Ave (EW)	All-way stop	HCM 7th Edition	SB Thru	0.934	28.0	D
4	Suva St (NS) at Paramount Blvd (EW)	Signalized	HCM 7th Edition	WB Right	0.781	34.6	C

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Suva St (NS) at Scout Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	11.6
Analysis Method:	HCM 7th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.444

Intersection Setup

Name											
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00			25.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	163	108	5	7	173	35	23	88	242	13	61	5
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	163	108	5	7	173	35	23	88	242	13	61	5
Peak Hour Factor	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	42	28	1	2	45	9	6	23	63	3	16	1
Total Analysis Volume [veh/h]	170	112	5	7	180	36	24	92	252	14	63	5
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	646	655	577	664	533	555
Degree of Utilization, x	0.44	0.34	0.20	0.38	0.08	0.07

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	2.28	1.51	0.75	1.77	0.25	0.24
95th-Percentile Queue Length [ft]	57.06	37.67	18.64	44.37	6.22	5.96
Approach Delay [s/veh]	12.95	11.31	11.12		9.86	
Approach LOS	B	B	B		A	
Intersection Delay [s/veh]	11.60					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 2: Suva St (NS) at Bluff Rd (EW)

Control Type:	Signalized	Delay (sec / veh):	12.8
Analysis Method:	HCM 7th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.485

Intersection Setup

Name												
Approach	Northbound				Southbound				Eastbound			
Lane Configuration												
Turning Movement	Left	Thru	Right	Right2	Left2	Left	Thru	Right	Left2	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00				25.00				25.00			
Grade [%]	0.00				0.00				0.00			
Curb Present	No				No				No			
Crosswalk	Yes				Yes				Yes			

Volumes

Name												
Base Volume Input [veh/h]	0	259	8	172	3	8	425	3	0	0	0	2
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00											
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	0	259	8	172	3	8	425	3	0	0	0	2
Peak Hour Factor	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	66	2	44	1	2	108	1	0	0	0	1
Total Analysis Volume [veh/h]	0	262	8	174	3	8	430	3	0	0	0	2
Presence of On-Street Parking	No			No	No			No	No			No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0				0				0			
v_di, Inbound Pedestrian Volume crossing th	0				0				0			
v_co, Outbound Pedestrian Volume along th	0				0				0			
v_ci, Inbound Pedestrian Volume along the e	0				0				0			
v_ab, Corner Pedestrian Volume [ped/h]	0				0				0			
Bicycle Volume [bicycles/h]	0				0				0			

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	60
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	6.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss
Signal Group	0	2	0	0	0	0	6	0	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	10	0	0	0	0	10	0	0	0	10	0
Maximum Green [s]	0	120	0	0	0	0	120	0	0	0	120	0
Amber [s]	0.0	3.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	0.0
All red [s]	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0
Split [s]	0	21	0	0	0	0	21	0	0	0	20	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	0.0
Walk [s]	0	5	0	0	0	0	5	0	0	0	5	0
Pedestrian Clearance [s]	0	10	0	0	0	0	10	0	0	0	10	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No					No				No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0
Minimum Recall		No					No				No	
Maximum Recall		No					No				No	
Pedestrian Recall		No					No				No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	C
C, Cycle Length [s]	37	37	37
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	2.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00
g_i, Effective Green Time [s]	12	12	4
g / C, Green / Cycle	0.32	0.32	0.12
(v / s)_i Volume / Saturation Flow Rate	0.26	0.24	0.00
s, saturation flow rate [veh/h]	1712	1863	1414
c, Capacity [veh/h]	643	693	266
d1, Uniform Delay [s]	11.59	11.33	14.44
k, delay calibration	0.11	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00
d2, Incremental Delay [s]	1.34	0.99	0.01
d3, Initial Queue Delay [s]	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.69	0.64	0.01
d, Delay for Lane Group [s/veh]	12.93	12.32	14.45
Lane Group LOS	B	B	B
Critical Lane Group	Yes	No	No
50th-Percentile Queue Length [veh/ln]	2.84	2.74	0.01
50th-Percentile Queue Length [ft/ln]	71.05	68.41	0.34
95th-Percentile Queue Length [veh/ln]	5.12	4.93	0.02
95th-Percentile Queue Length [ft/ln]	127.89	123.14	0.62

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	12.93	12.93	12.93	12.93	12.32	12.32	12.32	12.32	14.45	14.45	14.45	14.45
Movement LOS	B	B	B	B	B	B	B	B	B	B	B	B
d_A, Approach Delay [s/veh]	12.93				12.32				14.45			
Approach LOS	B				B				B			
d_I, Intersection Delay [s/veh]	12.80											
Intersection LOS	B											
Intersection V/C	0.485											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	10.65	10.65	10.65
l_p,int, Pedestrian LOS Score for Intersection	2.198	1.957	1.669
Crosswalk LOS	B	A	A
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	916	916	862
d_b, Bicycle Delay [s]	5.45	5.45	6.01
l_b,int, Bicycle LOS Score for Intersection	2.005	2.279	1.563
Bicycle LOS	B	B	A

Intersection Setup

Name								
Approach	Westbound				Southwestbound			
Lane Configuration								
Turning Movement	Left	Thru	Right	Right2	Left	Thru	Right	Right2
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00				25.00			
Grade [%]	0.00				0.00			
Curb Present	No				No			
Crosswalk	Yes				Yes			

Volumes

Name								
Base Volume Input [veh/h]	50	0	3	2	2	199	0	5
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00							
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	50	0	3	2	2	199	0	5
Peak Hour Factor	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	13	0	1	1	1	50	0	1
Total Analysis Volume [veh/h]	51	0	3	2	2	201	0	5
Presence of On-Street Parking	No			No	No			No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0				0			
v_di, Inbound Pedestrian Volume crossing th	0				0			
v_co, Outbound Pedestrian Volume along th	0				0			
v_ci, Inbound Pedestrian Volume along the e	0				0			
v_ab, Corner Pedestrian Volume [ped/h]	0				0			
Bicycle Volume [bicycles/h]	0				0			

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	60
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	6.00

Phasing & Timing

Control Type	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive
Signal Group	0	8	0	0	0	10	0	0
Auxiliary Signal Groups								
Lead / Lag	-	-	-	-	-	-	-	-
Minimum Green [s]	0	10	0	0	0	10	0	0
Maximum Green [s]	0	120	0	0	0	120	0	0
Amber [s]	0.0	3.0	0.0	0.0	0.0	3.0	0.0	0.0
All red [s]	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0
Split [s]	0	20	0	0	0	19	0	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	0.0	3.0	0.0	0.0
Walk [s]	0	5	0	0	0	5	0	0
Pedestrian Clearance [s]	0	10	0	0	0	10	0	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No				No		
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0
Minimum Recall		No				No		
Maximum Recall		No				No		
Pedestrian Recall		No				No		
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C
C, Cycle Length [s]	37	37
L, Total Lost Time per Cycle [s]	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	2.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00
g_i, Effective Green Time [s]	4	9
g / C, Green / Cycle	0.12	0.24
(v / s)_i Volume / Saturation Flow Rate	0.04	0.11
s, saturation flow rate [veh/h]	1586	1861
c, Capacity [veh/h]	375	444
d1, Uniform Delay [s]	14.88	12.15
k, delay calibration	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00
d2, Incremental Delay [s]	0.18	0.77
d3, Initial Queue Delay [s]	0.00	0.00
Rp, platoon ratio	1.00	1.00
PF, progression factor	1.00	1.00

Lane Group Results

X, volume / capacity	0.15	0.47
d, Delay for Lane Group [s/veh]	15.06	12.92
Lane Group LOS	B	B
Critical Lane Group	Yes	Yes
50th-Percentile Queue Length [veh/ln]	0.39	1.31
50th-Percentile Queue Length [ft/ln]	9.75	32.74
95th-Percentile Queue Length [veh/ln]	0.70	2.36
95th-Percentile Queue Length [ft/ln]	17.55	58.93

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	15.06	15.06	15.06	15.06	12.92	12.92	12.92	12.92
Movement LOS	B	B	B	B	B	B	B	B
d_A, Approach Delay [s/veh]	15.06				12.92			
Approach LOS	B				B			
d_I, Intersection Delay [s/veh]	12.80							
Intersection LOS	B							
Intersection V/C	0.485							

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00
d_p, Pedestrian Delay [s]	10.65	10.65
l_p,int, Pedestrian LOS Score for Intersection	1.780	1.772
Crosswalk LOS	A	A
s_b, Saturation Flow Rate of the bicycle lane	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	862	808
d_b, Bicycle Delay [s]	6.01	6.59
l_b,int, Bicycle LOS Score for Intersection	1.649	1.895
Bicycle LOS	A	A

Sequence

Ring 1	2	4	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Intersection Level Of Service Report
Intersection 3: Suva St (NS) at Guatemala Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	28.0
Analysis Method:	HCM 7th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.934

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00			25.00			25.00			25.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name												
Base Volume Input [veh/h]	12	345	12	134	410	131	75	36	12	14	26	92
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	12	345	12	134	410	131	75	36	12	14	26	92
Peak Hour Factor	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	3	87	3	34	104	33	19	9	3	4	7	23
Total Analysis Volume [veh/h]	12	348	12	135	414	132	76	36	12	14	26	93
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	605	588	680	507	544
Degree of Utilization, x	0.62	0.93	0.19	0.24	0.24

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	4.19	12.13	0.71	0.95	0.95
95th-Percentile Queue Length [ft]	104.84	303.14	17.86	23.81	23.87
Approach Delay [s/veh]	18.01	39.55		12.39	11.76
Approach LOS	C	E		B	B
Intersection Delay [s/veh]	28.04				
Intersection LOS	D				

Intersection Level Of Service Report
Intersection 4: Suva St (NS) at Paramount Blvd (EW)

Control Type:	Signalized	Delay (sec / veh):	34.6
Analysis Method:	HCM 7th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.781

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	225.00	100.00	100.00	115.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00			25.00			40.00			40.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	5	6	4	205	28	161	96	1132	24	14	1263	176
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00											
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	5	6	4	205	28	161	96	1132	24	14	1263	176
Peak Hour Factor	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	2	1	53	7	42	25	293	6	4	327	46
Total Analysis Volume [veh/h]	5	6	4	212	29	167	99	1173	25	15	1309	182
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing m	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing mi	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	65
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	6.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	ProtPer	Permiss	Permiss	ProtPer	Permiss	Permiss
Signal Group	0	6	0	0	2	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	0	10	0	0	10	0	7	10	0	7	10	0
Maximum Green [s]	0	120	0	0	120	0	120	120	0	120	120	0
Amber [s]	0.0	3.0	0.0	0.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
All red [s]	0.0	1.0	0.0	0.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	0	26	0	0	26	0	11	28	0	11	28	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
Walk [s]	0	5	0	0	5	0	0	5	0	0	5	0
Pedestrian Clearance [s]	0	17	0	0	17	0	0	7	0	0	7	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
Minimum Recall		No			No		No	No		No	No	
Maximum Recall		No			No		No	No		No	No	
Pedestrian Recall		No			No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	L	C	C
C, Cycle Length [s]	65	65	65	65	65	65	65	65
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00
g_i, Effective Green Time [s]	22	22	35	29	29	35	25	25
g / C, Green / Cycle	0.34	0.34	0.54	0.45	0.45	0.54	0.39	0.39
(v / s)_i Volume / Saturation Flow Rate	0.01	0.27	0.15	0.32	0.32	0.02	0.40	0.41
s, saturation flow rate [veh/h]	1542	1528	674	1870	1856	606	1870	1792
c, Capacity [veh/h]	600	605	393	839	833	363	719	689
d1, Uniform Delay [s]	14.23	19.07	12.87	14.57	14.57	9.56	20.01	20.01
k, delay calibration	0.50	0.50	0.11	0.11	0.11	0.11	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	0.08	5.91	0.33	1.16	1.17	0.05	31.73	37.00
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.03	0.67	0.25	0.72	0.72	0.04	1.05	1.07
d, Delay for Lane Group [s/veh]	14.31	24.98	13.20	15.73	15.74	9.60	51.74	57.01
Lane Group LOS	B	C	B	B	B	A	F	F
Critical Lane Group	No	Yes	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	0.15	6.12	0.56	6.11	6.08	0.08	15.39	15.76
50th-Percentile Queue Length [ft/ln]	3.82	153.12	14.07	152.80	151.92	2.02	384.83	393.94
95th-Percentile Queue Length [veh/ln]	0.28	10.18	1.01	10.17	10.12	0.15	22.59	23.23
95th-Percentile Queue Length [ft/ln]	6.88	254.58	25.33	254.16	252.99	3.63	564.63	580.72

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	14.31	14.31	14.31	24.98	24.98	24.98	13.20	15.73	15.74	9.60	53.96	57.01
Movement LOS	B	B	B	C	C	C	B	B	B	A	D	E
d_A, Approach Delay [s/veh]	14.31			24.98			15.54			53.89		
Approach LOS	B			C			B			D		
d_I, Intersection Delay [s/veh]	34.63											
Intersection LOS	C											
Intersection V/C	0.781											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	9.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	24.13	24.13	24.13	24.13
l_p,int, Pedestrian LOS Score for Intersection	1.744	2.041	3.014	3.339
Crosswalk LOS	A	B	C	C
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	677	677	738	738
d_b, Bicycle Delay [s]	14.23	14.23	12.93	12.93
l_b,int, Bicycle LOS Score for Intersection	1.584	2.233	2.630	2.802
Bicycle LOS	A	B	B	C

Sequence

Ring 1	-	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EXISTING PLUS AMBIENT GROWTH PLUS CUMULATIVE

Dowey Foster Bridge Residential

Vistro File: G:\...\AME.vistro

Scenario 2 Existing Plus Ambient Growth Plus Cumulative AM Peak Hour

Report File: G:\...\AMEAC.pdf

10/13/2023

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Suva St (NS) at Scout Ave (EW)	All-way stop	HCM 7th Edition	SB Right	0.637	17.1	C
2	Suva St (NS) at Bluff Rd (EW)	Signalized	HCM 7th Edition	SWB Thru	0.634	16.0	B
3	Suva St (NS) at Guatemala Ave (EW)	All-way stop	HCM 7th Edition	SB Thru	0.835	20.3	C
4	Suva St (NS) at Paramount Blvd (EW)	Signalized	HCM 7th Edition	WB Right	0.716	20.9	C

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Suva St (NS) at Scout Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	17.1
Analysis Method:	HCM 7th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.637

Intersection Setup

Name											
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00			25.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	137	83	1	73	65	110	102	58	160	12	73	51
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	3	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	138	83	1	73	68	110	102	58	161	12	73	51
Peak Hour Factor	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	49	30	0	26	24	39	36	21	57	4	26	18
Total Analysis Volume [veh/h]	197	118	1	104	97	157	146	83	230	17	104	73
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	529	562	475	551	456	497
Degree of Utilization, x	0.60	0.64	0.48	0.42	0.21	0.20

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	3.88	4.49	2.58	2.04	0.80	0.72
95th-Percentile Queue Length [ft]	97.04	112.13	64.45	51.10	19.89	17.95
Approach Delay [s/veh]	19.38	20.00	15.48		12.21	
Approach LOS	C	C	C		B	
Intersection Delay [s/veh]	17.15					
Intersection LOS	C					

Intersection Level Of Service Report
Intersection 2: Suva St (NS) at Bluff Rd (EW)

Control Type:	Signalized	Delay (sec / veh):	16.0
Analysis Method:	HCM 7th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.634

Intersection Setup

Name												
Approach	Northbound				Southbound				Eastbound			
Lane Configuration												
Turning Movement	Left	Thru	Right	Right2	Left2	Left	Thru	Right	Left2	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00				25.00				25.00			
Grade [%]	0.00				0.00				0.00			
Curb Present	No				No				No			
Crosswalk	Yes				Yes				Yes			

Volumes

Name												
Base Volume Input [veh/h]	2	218	42	172	1	1	237	4	1	2	0	4
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00											
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	3	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	2	219	42	173	1	1	241	4	1	2	0	4
Peak Hour Factor	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	70	13	55	0	0	77	1	0	1	0	1
Total Analysis Volume [veh/h]	3	280	54	221	1	1	308	5	1	3	0	5
Presence of On-Street Parking	No			No	No			No	No			No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0				0				0			
v_di, Inbound Pedestrian Volume crossing th	0				0				0			
v_co, Outbound Pedestrian Volume along th	0				0				0			
v_ci, Inbound Pedestrian Volume along the e	0				0				0			
v_ab, Corner Pedestrian Volume [ped/h]	0				0				0			
Bicycle Volume [bicycles/h]	0				0				0			

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	60
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	6.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss
Signal Group	0	2	0	0	0	0	6	0	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	10	0	0	0	0	10	0	0	0	10	0
Maximum Green [s]	0	120	0	0	0	0	120	0	0	0	120	0
Amber [s]	0.0	3.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	0.0
All red [s]	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0
Split [s]	0	19	0	0	0	0	19	0	0	0	19	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	0.0
Walk [s]	0	5	0	0	0	0	5	0	0	0	5	0
Pedestrian Clearance [s]	0	10	0	0	0	0	10	0	0	0	10	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No					No				No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0
Minimum Recall		No					No				No	
Maximum Recall		No					No				No	
Pedestrian Recall		No					No				No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	C
C, Cycle Length [s]	49	49	49
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	2.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00
g_i, Effective Green Time [s]	18	18	9
g / C, Green / Cycle	0.38	0.38	0.18
(v / s)_i Volume / Saturation Flow Rate	0.32	0.17	0.01
s, saturation flow rate [veh/h]	1721	1864	1699
c, Capacity [veh/h]	721	775	411
d1, Uniform Delay [s]	14.04	11.41	16.50
k, delay calibration	0.11	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00
d2, Incremental Delay [s]	1.81	0.34	0.02
d3, Initial Queue Delay [s]	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.77	0.41	0.02
d, Delay for Lane Group [s/veh]	15.85	11.75	16.52
Lane Group LOS	B	B	B
Critical Lane Group	Yes	No	No
50th-Percentile Queue Length [veh/ln]	5.13	2.26	0.08
50th-Percentile Queue Length [ft/ln]	128.33	56.58	1.97
95th-Percentile Queue Length [veh/ln]	8.85	4.07	0.14
95th-Percentile Queue Length [ft/ln]	221.23	101.85	3.54

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	15.85	15.85	15.85	15.85	11.75	11.75	11.75	11.75	16.52	16.52	16.52	16.52
Movement LOS	B	B	B	B	B	B	B	B	B	B	B	B
d_A, Approach Delay [s/veh]	15.85				11.75				16.52			
Approach LOS	B				B				B			
d_I, Intersection Delay [s/veh]	15.97											
Intersection LOS	B											
Intersection V/C	0.634											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	16.14	16.14	16.14
l_p,int, Pedestrian LOS Score for Intersection	2.395	1.934	1.695
Crosswalk LOS	B	A	A
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	617	617	617
d_b, Bicycle Delay [s]	11.62	11.62	11.62
l_b,int, Bicycle LOS Score for Intersection	2.116	2.078	1.570
Bicycle LOS	B	B	A

Intersection Setup

Name								
Approach	Westbound				Southwestbound			
Lane Configuration								
Turning Movement	Left	Thru	Right	Right2	Left	Thru	Right	Right2
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00				25.00			
Grade [%]	0.00				0.00			
Curb Present	No				No			
Crosswalk	Yes				Yes			

Volumes

Name								
Base Volume Input [veh/h]	111	0	2	4	1	188	0	3
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00							
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	111	0	2	4	1	189	0	3
Peak Hour Factor	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	35	0	1	1	0	60	0	1
Total Analysis Volume [veh/h]	142	0	3	5	1	241	0	4
Presence of On-Street Parking	No			No	No			No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0				0			
v_di, Inbound Pedestrian Volume crossing th	0				0			
v_co, Outbound Pedestrian Volume along th	0				0			
v_ci, Inbound Pedestrian Volume along the e	0				0			
v_ab, Corner Pedestrian Volume [ped/h]	0				0			
Bicycle Volume [bicycles/h]	0				0			

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	60
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	6.00

Phasing & Timing

Control Type	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive
Signal Group	0	8	0	0	0	10	0	0
Auxiliary Signal Groups								
Lead / Lag	-	-	-	-	-	-	-	-
Minimum Green [s]	0	10	0	0	0	10	0	0
Maximum Green [s]	0	120	0	0	0	120	0	0
Amber [s]	0.0	3.0	0.0	0.0	0.0	3.0	0.0	0.0
All red [s]	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0
Split [s]	0	19	0	0	0	22	0	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	0.0	3.0	0.0	0.0
Walk [s]	0	5	0	0	0	5	0	0
Pedestrian Clearance [s]	0	10	0	0	0	10	0	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No				No		
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0
Minimum Recall		No				No		
Maximum Recall		No				No		
Pedestrian Recall		No				No		
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C
C, Cycle Length [s]	49	49
L, Total Lost Time per Cycle [s]	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	2.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00
g_i, Effective Green Time [s]	9	10
g / C, Green / Cycle	0.18	0.20
(v / s)_i Volume / Saturation Flow Rate	0.10	0.13
s, saturation flow rate [veh/h]	1510	1864
c, Capacity [veh/h]	414	370
d1, Uniform Delay [s]	17.99	18.03
k, delay calibration	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00
d2, Incremental Delay [s]	0.53	2.06
d3, Initial Queue Delay [s]	0.00	0.00
Rp, platoon ratio	1.00	1.00
PF, progression factor	1.00	1.00

Lane Group Results

X, volume / capacity	0.36	0.66
d, Delay for Lane Group [s/veh]	18.52	20.09
Lane Group LOS	B	C
Critical Lane Group	Yes	Yes
50th-Percentile Queue Length [veh/ln]	1.45	2.52
50th-Percentile Queue Length [ft/ln]	36.21	63.12
95th-Percentile Queue Length [veh/ln]	2.61	4.54
95th-Percentile Queue Length [ft/ln]	65.18	113.62

Movement, Approach, & Intersection Results

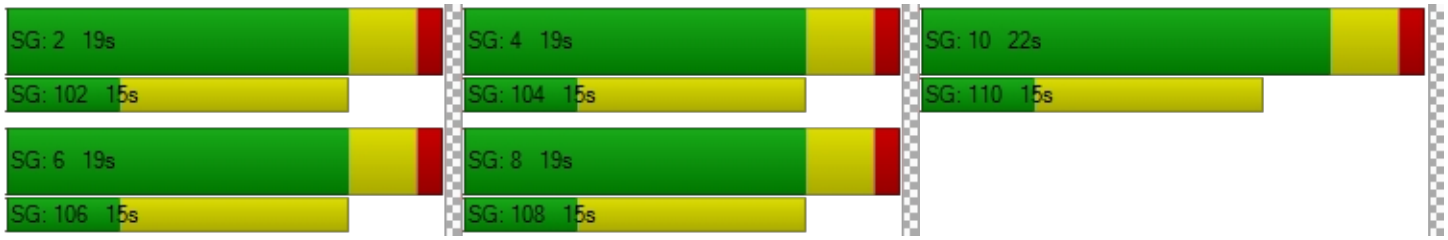
d_M, Delay for Movement [s/veh]	18.52	18.52	18.52	18.52	20.09	20.09	20.09	20.09
Movement LOS	B	B	B	B	C	C	C	C
d_A, Approach Delay [s/veh]	18.52				20.09			
Approach LOS	B				C			
d_I, Intersection Delay [s/veh]	15.97							
Intersection LOS	B							
Intersection V/C	0.634							

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00
d_p, Pedestrian Delay [s]	16.14	16.14
l_p,int, Pedestrian LOS Score for Intersection	1.838	1.818
Crosswalk LOS	A	A
s_b, Saturation Flow Rate of the bicycle lane	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	617	741
d_b, Bicycle Delay [s]	11.62	9.64
l_b,int, Bicycle LOS Score for Intersection	1.799	1.959
Bicycle LOS	A	A

Sequence

Ring 1	2	4	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 3: Suva St (NS) at Guatemala Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	20.3
Analysis Method:	HCM 7th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.835

Intersection Setup

Name											
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00			25.00			25.00			25.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name												
Base Volume Input [veh/h]	12	193	4	97	301	154	106	27	13	4	20	124
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	3	0	0	0	3	2	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	12	194	4	97	305	155	106	27	16	6	20	124
Peak Hour Factor	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	4	58	1	29	91	46	32	8	5	2	6	37
Total Analysis Volume [veh/h]	14	231	5	115	363	185	126	32	19	7	24	148
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	573	572	659	528	573
Degree of Utilization, x	0.44	0.84	0.28	0.34	0.31

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	2.20	8.74	1.15	1.46	1.33
95th-Percentile Queue Length [ft]	54.99	218.40	28.68	36.61	33.18
Approach Delay [s/veh]	14.04	26.71		13.22	12.11
Approach LOS	B	D		B	B
Intersection Delay [s/veh]	20.27				
Intersection LOS	C				

Intersection Level Of Service Report
Intersection 4: Suva St (NS) at Paramount Blvd (EW)

Control Type:	Signalized	Delay (sec / veh):	20.9
Analysis Method:	HCM 7th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.716

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	225.00	100.00	100.00	115.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00			25.00			40.00			40.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	16	17	34	200	25	167	105	1121	9	13	1100	131
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00											
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	2	8	0	0	0	15	0	0	8	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	16	17	36	209	25	168	105	1140	9	13	1112	132
Peak Hour Factor	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	4	4	9	53	6	43	27	289	2	3	282	34
Total Analysis Volume [veh/h]	16	17	37	212	25	171	107	1157	9	13	1129	134
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing m	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing mi	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	65
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	6.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	ProtPer	Permiss	Permiss	ProtPer	Permiss	Permiss
Signal Group	0	6	0	0	2	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	0	10	0	0	10	0	7	10	0	7	10	0
Maximum Green [s]	0	120	0	0	120	0	120	120	0	120	120	0
Amber [s]	0.0	3.0	0.0	0.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
All red [s]	0.0	1.0	0.0	0.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	0	26	0	0	26	0	11	28	0	11	28	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
Walk [s]	0	5	0	0	5	0	0	5	0	0	5	0
Pedestrian Clearance [s]	0	17	0	0	17	0	0	7	0	0	7	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
Minimum Recall		No			No		No	No		No	No	
Maximum Recall		No			No		No	No		No	No	
Pedestrian Recall		No			No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	L	C	C
C, Cycle Length [s]	65	65	65	65	65	65	65	65
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00
g_i, Effective Green Time [s]	23	23	34	29	29	34	24	24
g / C, Green / Cycle	0.35	0.35	0.53	0.44	0.44	0.53	0.37	0.37
(v / s)_i Volume / Saturation Flow Rate	0.04	0.27	0.14	0.31	0.31	0.02	0.34	0.34
s, saturation flow rate [veh/h]	1618	1514	754	1870	1865	614	1870	1801
c, Capacity [veh/h]	638	617	413	824	822	359	694	668
d1, Uniform Delay [s]	14.23	18.35	12.52	14.80	14.80	9.80	19.60	19.63
k, delay calibration	0.50	0.50	0.11	0.11	0.11	0.11	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	0.35	5.50	0.33	1.14	1.14	0.04	5.93	6.35
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.11	0.66	0.26	0.71	0.71	0.04	0.93	0.93
d, Delay for Lane Group [s/veh]	14.58	23.85	12.85	15.94	15.94	9.84	25.53	25.99
Lane Group LOS	B	C	B	B	B	A	C	C
Critical Lane Group	No	Yes	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	0.72	5.95	0.63	5.99	5.98	0.07	8.98	8.77
50th-Percentile Queue Length [ft/ln]	18.06	148.67	15.83	149.77	149.44	1.81	224.41	219.15
95th-Percentile Queue Length [veh/ln]	1.30	9.95	1.14	10.00	9.99	0.13	13.89	13.62
95th-Percentile Queue Length [ft/ln]	32.51	248.65	28.50	250.12	249.68	3.27	347.24	340.54

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	14.58	14.58	14.58	23.85	23.85	23.85	12.85	15.94	15.94	9.84	25.73	25.99
Movement LOS	B	B	B	C	C	C	B	B	B	A	C	C
d_A, Approach Delay [s/veh]	14.58			23.85			15.68			25.59		
Approach LOS	B			C			B			C		
d_I, Intersection Delay [s/veh]	20.93											
Intersection LOS	C											
Intersection V/C	0.716											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	9.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	24.13	24.13	24.13	24.13
l_p,int, Pedestrian LOS Score for Intersection	1.756	2.032	2.981	3.284
Crosswalk LOS	A	B	C	C
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	677	677	738	738
d_b, Bicycle Delay [s]	14.23	14.23	12.94	12.94
l_b,int, Bicycle LOS Score for Intersection	1.675	2.233	2.610	2.612
Bicycle LOS	A	B	B	B

Sequence

Ring 1	-	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Dowey Foster Bridge Residential

Vistro File: G:\...\PME.vistro

Scenario 2 Existing Plus Ambient Growth Plus Cumulative PM Peak Hour

Report File: G:\...\PMEAC.pdf

10/13/2023

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Suva St (NS) at Scout Ave (EW)	All-way stop	HCM 7th Edition	NB Left	0.450	11.7	B
2	Suva St (NS) at Bluff Rd (EW)	Signalized	HCM 7th Edition	WB Left	0.488	12.8	B
3	Suva St (NS) at Guatemala Ave (EW)	All-way stop	HCM 7th Edition	SB Thru	0.945	29.1	D
4	Suva St (NS) at Paramount Blvd (EW)	Signalized	HCM 7th Edition	WB Right	0.795	38.6	D

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Suva St (NS) at Scout Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	11.7
Analysis Method:	HCM 7th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.450

Intersection Setup

Name											
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00			25.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	163	108	5	7	173	35	23	88	242	13	61	5
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	2	0	0	1	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	164	110	5	7	175	35	23	88	243	13	61	5
Peak Hour Factor	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	43	29	1	2	46	9	6	23	63	3	16	1
Total Analysis Volume [veh/h]	171	114	5	7	182	36	24	92	253	14	63	5
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	645	653	576	662	532	553
Degree of Utilization, x	0.45	0.34	0.20	0.38	0.08	0.07

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	2.33	1.53	0.75	1.79	0.25	0.24
95th-Percentile Queue Length [ft]	58.23	38.29	18.70	44.85	6.24	5.98
Approach Delay [s/veh]	13.06	11.38	11.17		9.88	
Approach LOS	B	B	B		A	
Intersection Delay [s/veh]	11.68					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 2: Suva St (NS) at Bluff Rd (EW)

Control Type:	Signalized	Delay (sec / veh):	12.8
Analysis Method:	HCM 7th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.488

Intersection Setup

Name												
Approach	Northbound				Southbound				Eastbound			
Lane Configuration												
Turning Movement	Left	Thru	Right	Right2	Left2	Left	Thru	Right	Left2	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00				25.00				25.00			
Grade [%]	0.00				0.00				0.00			
Curb Present	No				No				No			
Crosswalk	Yes				Yes				Yes			

Volumes

Name												
Base Volume Input [veh/h]	0	259	8	172	3	8	425	3	0	0	0	2
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00											
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	2	0	0	0	0	1	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	0	262	8	173	3	8	428	3	0	0	0	2
Peak Hour Factor	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	66	2	44	1	2	108	1	0	0	0	1
Total Analysis Volume [veh/h]	0	265	8	175	3	8	433	3	0	0	0	2
Presence of On-Street Parking	No			No	No			No	No			No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0				0				0			
v_di, Inbound Pedestrian Volume crossing th	0				0				0			
v_co, Outbound Pedestrian Volume along th	0				0				0			
v_ci, Inbound Pedestrian Volume along the e	0				0				0			
v_ab, Corner Pedestrian Volume [ped/h]	0				0				0			
Bicycle Volume [bicycles/h]	0				0				0			

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	60
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	6.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss
Signal Group	0	2	0	0	0	0	6	0	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	10	0	0	0	0	10	0	0	0	10	0
Maximum Green [s]	0	120	0	0	0	0	120	0	0	0	120	0
Amber [s]	0.0	3.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	0.0
All red [s]	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0
Split [s]	0	21	0	0	0	0	21	0	0	0	20	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	0.0
Walk [s]	0	5	0	0	0	0	5	0	0	0	5	0
Pedestrian Clearance [s]	0	10	0	0	0	0	10	0	0	0	10	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No					No				No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0
Minimum Recall		No					No				No	
Maximum Recall		No					No				No	
Pedestrian Recall		No					No				No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	C
C, Cycle Length [s]	37	37	37
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	2.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00
g_i, Effective Green Time [s]	12	12	4
g / C, Green / Cycle	0.32	0.32	0.12
(v / s)_i Volume / Saturation Flow Rate	0.26	0.24	0.00
s, saturation flow rate [veh/h]	1712	1863	1418
c, Capacity [veh/h]	646	697	266
d1, Uniform Delay [s]	11.60	11.34	14.51
k, delay calibration	0.11	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00
d2, Incremental Delay [s]	1.35	0.99	0.01
d3, Initial Queue Delay [s]	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.69	0.64	0.01
d, Delay for Lane Group [s/veh]	12.95	12.33	14.52
Lane Group LOS	B	B	B
Critical Lane Group	Yes	No	No
50th-Percentile Queue Length [veh/ln]	2.88	2.77	0.01
50th-Percentile Queue Length [ft/ln]	72.07	69.16	0.34
95th-Percentile Queue Length [veh/ln]	5.19	4.98	0.02
95th-Percentile Queue Length [ft/ln]	129.72	124.49	0.62

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	12.95	12.95	12.95	12.95	12.33	12.33	12.33	12.33	14.52	14.52	14.52	14.52
Movement LOS	B	B	B	B	B	B	B	B	B	B	B	B
d_A, Approach Delay [s/veh]	12.95				12.33				14.52			
Approach LOS	B				B				B			
d_I, Intersection Delay [s/veh]	12.83											
Intersection LOS	B											
Intersection V/C	0.488											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	10.73	10.73	10.73
l_p,int, Pedestrian LOS Score for Intersection	2.201	1.960	1.669
Crosswalk LOS	B	A	A
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	912	912	858
d_b, Bicycle Delay [s]	5.52	5.52	6.08
l_b,int, Bicycle LOS Score for Intersection	2.010	2.284	1.563
Bicycle LOS	B	B	A

Intersection Setup

Name								
Approach	Westbound				Southwestbound			
Lane Configuration								
Turning Movement	Left	Thru	Right	Right2	Left	Thru	Right	Right2
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00				25.00			
Grade [%]	0.00				0.00			
Curb Present	No				No			
Crosswalk	Yes				Yes			

Volumes

Name								
Base Volume Input [veh/h]	50	0	3	2	2	199	0	5
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00							
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	50	0	3	2	2	200	0	5
Peak Hour Factor	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	13	0	1	1	1	51	0	1
Total Analysis Volume [veh/h]	51	0	3	2	2	202	0	5
Presence of On-Street Parking	No			No	No			No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0				0			
v_di, Inbound Pedestrian Volume crossing th	0				0			
v_co, Outbound Pedestrian Volume along th	0				0			
v_ci, Inbound Pedestrian Volume along the e	0				0			
v_ab, Corner Pedestrian Volume [ped/h]	0				0			
Bicycle Volume [bicycles/h]	0				0			

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	60
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	6.00

Phasing & Timing

Control Type	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive
Signal Group	0	8	0	0	0	10	0	0
Auxiliary Signal Groups								
Lead / Lag	-	-	-	-	-	-	-	-
Minimum Green [s]	0	10	0	0	0	10	0	0
Maximum Green [s]	0	120	0	0	0	120	0	0
Amber [s]	0.0	3.0	0.0	0.0	0.0	3.0	0.0	0.0
All red [s]	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0
Split [s]	0	20	0	0	0	19	0	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	0.0	3.0	0.0	0.0
Walk [s]	0	5	0	0	0	5	0	0
Pedestrian Clearance [s]	0	10	0	0	0	10	0	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No				No		
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0
Minimum Recall		No				No		
Maximum Recall		No				No		
Pedestrian Recall		No				No		
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C
C, Cycle Length [s]	37	37
L, Total Lost Time per Cycle [s]	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	2.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00
g_i, Effective Green Time [s]	4	9
g / C, Green / Cycle	0.12	0.24
(v / s)_i Volume / Saturation Flow Rate	0.04	0.11
s, saturation flow rate [veh/h]	1586	1861
c, Capacity [veh/h]	374	443
d1, Uniform Delay [s]	14.96	12.23
k, delay calibration	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00
d2, Incremental Delay [s]	0.18	0.78
d3, Initial Queue Delay [s]	0.00	0.00
Rp, platoon ratio	1.00	1.00
PF, progression factor	1.00	1.00

Lane Group Results

X, volume / capacity	0.15	0.47
d, Delay for Lane Group [s/veh]	15.14	13.01
Lane Group LOS	B	B
Critical Lane Group	Yes	Yes
50th-Percentile Queue Length [veh/ln]	0.39	1.33
50th-Percentile Queue Length [ft/ln]	9.81	33.18
95th-Percentile Queue Length [veh/ln]	0.71	2.39
95th-Percentile Queue Length [ft/ln]	17.66	59.73

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	15.14	15.14	15.14	15.14	13.01	13.01	13.01	13.01
Movement LOS	B	B	B	B	B	B	B	B
d_A, Approach Delay [s/veh]	15.14				13.01			
Approach LOS	B				B			
d_I, Intersection Delay [s/veh]	12.83							
Intersection LOS	B							
Intersection V/C	0.488							

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00
d_p, Pedestrian Delay [s]	10.73	10.73
l_p,int, Pedestrian LOS Score for Intersection	1.781	1.773
Crosswalk LOS	A	A
s_b, Saturation Flow Rate of the bicycle lane	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	858	805
d_b, Bicycle Delay [s]	6.08	6.66
l_b,int, Bicycle LOS Score for Intersection	1.649	1.896
Bicycle LOS	A	A

Sequence

Ring 1	2	4	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Intersection Level Of Service Report
Intersection 3: Suva St (NS) at Guatemala Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	29.1
Analysis Method:	HCM 7th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.945

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00			25.00			25.00			25.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name												
Base Volume Input [veh/h]	12	345	12	134	410	131	75	36	12	14	26	92
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	2	2	2	0	1	0	0	0	1	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	14	348	14	135	413	132	75	36	13	14	26	92
Peak Hour Factor	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	4	88	4	34	104	33	19	9	3	4	7	23
Total Analysis Volume [veh/h]	14	352	14	136	417	133	76	36	13	14	26	93
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	602	586	677	504	539
Degree of Utilization, x	0.63	0.94	0.20	0.25	0.25

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	4.42	12.52	0.73	0.97	0.96
95th-Percentile Queue Length [ft]	110.49	312.89	18.13	24.23	24.09
Approach Delay [s/veh]	18.61	41.31		12.48	11.85
Approach LOS	C	E		B	B
Intersection Delay [s/veh]	29.12				
Intersection LOS	D				

Intersection Level Of Service Report
Intersection 4: Suva St (NS) at Paramount Blvd (EW)

Control Type:	Signalized	Delay (sec / veh):	38.6
Analysis Method:	HCM 7th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.795

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	225.00	100.00	100.00	115.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00			25.00			40.00			40.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	5	6	4	205	28	161	96	1132	24	14	1263	176
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00											
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	2	0	0	0	9	0	2	15	6
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	5	6	4	208	28	162	96	1146	24	16	1283	183
Peak Hour Factor	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	2	1	54	7	42	25	297	6	4	332	47
Total Analysis Volume [veh/h]	5	6	4	216	29	168	99	1188	25	17	1330	190
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing m	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing mi	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	65
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	6.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	ProtPer	Permiss	Permiss	ProtPer	Permiss	Permiss
Signal Group	0	6	0	0	2	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	0	10	0	0	10	0	7	10	0	7	10	0
Maximum Green [s]	0	120	0	0	120	0	120	120	0	120	120	0
Amber [s]	0.0	3.0	0.0	0.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
All red [s]	0.0	1.0	0.0	0.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	0	26	0	0	26	0	11	28	0	11	28	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
Walk [s]	0	5	0	0	5	0	0	5	0	0	5	0
Pedestrian Clearance [s]	0	17	0	0	17	0	0	7	0	0	7	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
Minimum Recall		No			No		No	No		No	No	
Maximum Recall		No			No		No	No		No	No	
Pedestrian Recall		No			No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	L	C	C
C, Cycle Length [s]	65	65	65	65	65	65	65	65
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00
g_i, Effective Green Time [s]	22	22	35	29	29	35	25	25
g / C, Green / Cycle	0.34	0.34	0.54	0.45	0.45	0.54	0.39	0.39
(v / s)_i Volume / Saturation Flow Rate	0.01	0.27	0.15	0.33	0.33	0.03	0.41	0.42
s, saturation flow rate [veh/h]	1541	1527	667	1870	1856	607	1870	1790
c, Capacity [veh/h]	600	605	393	833	827	362	719	688
d1, Uniform Delay [s]	14.23	19.16	12.87	14.81	14.81	9.69	20.01	20.01
k, delay calibration	0.50	0.50	0.11	0.11	0.11	0.11	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	0.08	6.13	0.33	1.25	1.26	0.05	39.25	45.70
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.03	0.68	0.25	0.73	0.73	0.05	1.07	1.09
d, Delay for Lane Group [s/veh]	14.31	25.28	13.21	16.05	16.07	9.74	59.26	65.71
Lane Group LOS	B	C	B	B	B	A	F	F
Critical Lane Group	No	Yes	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	0.15	6.25	0.56	6.29	6.25	0.09	16.90	17.41
50th-Percentile Queue Length [ft/ln]	3.82	156.19	14.07	157.14	156.27	2.29	422.45	435.19
95th-Percentile Queue Length [veh/ln]	0.28	10.35	1.01	10.40	10.35	0.16	24.76	25.64
95th-Percentile Queue Length [ft/ln]	6.88	258.67	25.33	259.93	258.77	4.12	619.10	640.95

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	14.31	14.31	14.31	25.28	25.28	25.28	13.21	16.06	16.07	9.74	61.97	65.71
Movement LOS	B	B	B	C	C	C	B	B	B	A	E	E
d_A, Approach Delay [s/veh]	14.31			25.28			15.85			61.85		
Approach LOS	B			C			B			E		
d_I, Intersection Delay [s/veh]	38.61											
Intersection LOS	D											
Intersection V/C	0.795											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	9.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	24.13	24.13	24.13	24.13
l_p,int, Pedestrian LOS Score for Intersection	1.746	2.046	3.024	3.358
Crosswalk LOS	A	B	C	C
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	677	677	738	738
d_b, Bicycle Delay [s]	14.23	14.23	12.93	12.93
l_b,int, Bicycle LOS Score for Intersection	1.584	2.241	2.642	2.828
Bicycle LOS	A	B	B	C

Sequence

Ring 1	-	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EXISTING PLUS AMBIENT GROWTH PLUS CUMULATIVE PLUS PROJECT

Dowey Foster Bridge Residential

Vistro File: G:\...\AME.vistro

Scenario 4 Existing Plus Ambient Growth Plus Cumulative Plus Project AM Peak Hour

Report File: G:\...\AMEACP.pdf

10/13/2023

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Suva St (NS) at Scout Ave (EW)	All-way stop	HCM 7th Edition	SB Right	0.640	17.4	C
2	Suva St (NS) at Bluff Rd (EW)	Signalized	HCM 7th Edition	SWB Thru	0.641	16.1	B
3	Suva St (NS) at Guatemala Ave (EW)	All-way stop	HCM 7th Edition	SB Thru	0.843	20.7	C
4	Suva St (NS) at Paramount Blvd (EW)	Signalized	HCM 7th Edition	WB Right	0.720	21.0	C
5	Foster Bridge Blvd (NS) at Project Dwy (EW)	Two-way stop	HCM 7th Edition	EB Left	0.003	11.0	B

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Suva St (NS) at Scout Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	17.4
Analysis Method:	HCM 7th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.640

Intersection Setup

Name											
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00			25.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	137	83	1	73	65	110	102	58	160	12	73	51
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	3	1	0	0	3	0	0	0	1	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	141	84	1	73	68	110	102	58	162	12	73	51
Peak Hour Factor	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010	0.7010
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	50	30	0	26	24	39	36	21	58	4	26	18
Total Analysis Volume [veh/h]	201	120	1	104	97	157	146	83	231	17	104	73
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	528	559	473	549	454	494
Degree of Utilization, x	0.61	0.64	0.48	0.42	0.21	0.20

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	4.05	4.53	2.60	2.07	0.80	0.72
95th-Percentile Queue Length [ft]	101.24	113.13	64.88	51.82	20.00	18.06
Approach Delay [s/veh]	19.89	20.18	15.59		12.26	
Approach LOS	C	C	C		B	
Intersection Delay [s/veh]	17.38					
Intersection LOS	C					

Intersection Level Of Service Report
Intersection 2: Suva St (NS) at Bluff Rd (EW)

Control Type:	Signalized	Delay (sec / veh):	16.1
Analysis Method:	HCM 7th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.641

Intersection Setup

Name												
Approach	Northbound				Southbound				Eastbound			
Lane Configuration												
Turning Movement	Left	Thru	Right	Right2	Left2	Left	Thru	Right	Left2	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00				25.00				25.00			
Grade [%]	0.00				0.00				0.00			
Curb Present	No				No				No			
Crosswalk	Yes				Yes				Yes			

Volumes

Name												
Base Volume Input [veh/h]	2	218	42	172	1	1	237	4	1	2	0	4
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00											
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	2	0	1	0	3	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	2	219	44	173	2	1	241	4	1	2	0	4
Peak Hour Factor	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	70	14	55	1	0	77	1	0	1	0	1
Total Analysis Volume [veh/h]	3	280	56	221	3	1	308	5	1	3	0	5
Presence of On-Street Parking	No			No	No			No	No			No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0				0				0			
v_di, Inbound Pedestrian Volume crossing th	0				0				0			
v_co, Outbound Pedestrian Volume along th	0				0				0			
v_ci, Inbound Pedestrian Volume along the e	0				0				0			
v_ab, Corner Pedestrian Volume [ped/h]	0				0				0			
Bicycle Volume [bicycles/h]	0				0				0			

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	115
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	6.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss
Signal Group	0	2	0	0	0	0	6	0	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	10	0	0	0	0	10	0	0	0	10	0
Maximum Green [s]	0	120	0	0	0	0	120	0	0	0	120	0
Amber [s]	0.0	3.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	0.0
All red [s]	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0
Split [s]	0	49	0	0	0	0	49	0	0	0	19	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	0.0
Walk [s]	0	5	0	0	0	0	5	0	0	0	5	0
Pedestrian Clearance [s]	0	10	0	0	0	0	10	0	0	0	10	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No					No				No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0
Minimum Recall		No					No				No	
Maximum Recall		No					No				No	
Pedestrian Recall		No					No				No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	C
C, Cycle Length [s]	49	49	49
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	2.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00
g_i, Effective Green Time [s]	18	18	9
g / C, Green / Cycle	0.38	0.38	0.18
(v / s)_i Volume / Saturation Flow Rate	0.33	0.17	0.01
s, saturation flow rate [veh/h]	1720	1863	1699
c, Capacity [veh/h]	722	776	410
d1, Uniform Delay [s]	14.06	11.43	16.55
k, delay calibration	0.11	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00
d2, Incremental Delay [s]	1.83	0.35	0.02
d3, Initial Queue Delay [s]	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.78	0.41	0.02
d, Delay for Lane Group [s/veh]	15.89	11.77	16.58
Lane Group LOS	B	B	B
Critical Lane Group	Yes	No	No
50th-Percentile Queue Length [veh/ln]	5.17	2.28	0.08
50th-Percentile Queue Length [ft/ln]	129.32	57.12	1.97
95th-Percentile Queue Length [veh/ln]	8.90	4.11	0.14
95th-Percentile Queue Length [ft/ln]	222.57	102.82	3.55

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	15.89	15.89	15.89	15.89	11.77	11.77	11.77	11.77	16.58	16.58	16.58	16.58
Movement LOS	B	B	B	B	B	B	B	B	B	B	B	B
d_A, Approach Delay [s/veh]	15.89				11.77				16.58			
Approach LOS	B				B				B			
d_I, Intersection Delay [s/veh]	16.10											
Intersection LOS	B											
Intersection V/C	0.641											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	16.20	16.20	16.20
l_p,int, Pedestrian LOS Score for Intersection	2.398	1.937	1.695
Crosswalk LOS	B	A	A
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	1846	1846	615
d_b, Bicycle Delay [s]	0.14	0.14	11.68
l_b,int, Bicycle LOS Score for Intersection	2.119	2.081	1.570
Bicycle LOS	B	B	A

Intersection Setup

Name								
Approach	Westbound				Southwestbound			
Lane Configuration								
Turning Movement	Left	Thru	Right	Right2	Left	Thru	Right	Right2
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00				25.00			
Grade [%]	0.00				0.00			
Curb Present	No				No			
Crosswalk	Yes				Yes			

Volumes

Name								
Base Volume Input [veh/h]	111	0	2	4	1	188	0	3
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00							
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	3	0	4
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	111	0	2	4	1	192	0	7
Peak Hour Factor	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830	0.7830
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	35	0	1	1	0	61	0	2
Total Analysis Volume [veh/h]	142	0	3	5	1	245	0	9
Presence of On-Street Parking	No			No	No			No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0				0			
v_di, Inbound Pedestrian Volume crossing th	0				0			
v_co, Outbound Pedestrian Volume along th	0				0			
v_ci, Inbound Pedestrian Volume along the le	0				0			
v_ab, Corner Pedestrian Volume [ped/h]	0				0			
Bicycle Volume [bicycles/h]	0				0			

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	115
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	6.00

Phasing & Timing

Control Type	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive
Signal Group	0	8	0	0	0	10	0	0
Auxiliary Signal Groups								
Lead / Lag	-	-	-	-	-	-	-	-
Minimum Green [s]	0	10	0	0	0	10	0	0
Maximum Green [s]	0	120	0	0	0	120	0	0
Amber [s]	0.0	3.0	0.0	0.0	0.0	3.0	0.0	0.0
All red [s]	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0
Split [s]	0	19	0	0	0	47	0	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	0.0	3.0	0.0	0.0
Walk [s]	0	5	0	0	0	5	0	0
Pedestrian Clearance [s]	0	10	0	0	0	10	0	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No				No		
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0
Minimum Recall		No				No		
Maximum Recall		No				No		
Pedestrian Recall		No				No		
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C
C, Cycle Length [s]	49	49
L, Total Lost Time per Cycle [s]	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	2.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00
g_i, Effective Green Time [s]	9	10
g / C, Green / Cycle	0.18	0.20
(v / s)_i Volume / Saturation Flow Rate	0.10	0.14
s, saturation flow rate [veh/h]	1511	1858
c, Capacity [veh/h]	414	369
d1, Uniform Delay [s]	18.05	18.17
k, delay calibration	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00
d2, Incremental Delay [s]	0.53	2.31
d3, Initial Queue Delay [s]	0.00	0.00
Rp, platoon ratio	1.00	1.00
PF, progression factor	1.00	1.00

Lane Group Results

X, volume / capacity	0.36	0.69
d, Delay for Lane Group [s/veh]	18.58	20.48
Lane Group LOS	B	C
Critical Lane Group	Yes	Yes
50th-Percentile Queue Length [veh/ln]	1.45	2.66
50th-Percentile Queue Length [ft/ln]	36.36	66.43
95th-Percentile Queue Length [veh/ln]	2.62	4.78
95th-Percentile Queue Length [ft/ln]	65.45	119.57

Movement, Approach, & Intersection Results

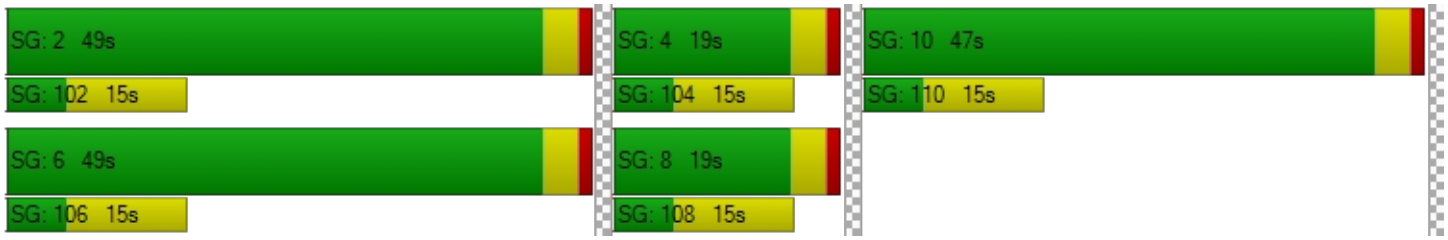
d_M, Delay for Movement [s/veh]	18.58	18.58	18.58	18.58	20.48	20.48	20.48	20.48
Movement LOS	B	B	B	B	C	C	C	C
d_A, Approach Delay [s/veh]	18.58				20.48			
Approach LOS	B				C			
d_I, Intersection Delay [s/veh]	16.10							
Intersection LOS	B							
Intersection V/C	0.641							

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00
d_p, Pedestrian Delay [s]	16.20	16.20
l_p,int, Pedestrian LOS Score for Intersection	1.841	1.826
Crosswalk LOS	A	A
s_b, Saturation Flow Rate of the bicycle lane	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	615	1764
d_b, Bicycle Delay [s]	11.68	0.34
l_b,int, Bicycle LOS Score for Intersection	1.799	1.966
Bicycle LOS	A	A

Sequence

Ring 1	2	4	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 3: Suva St (NS) at Guatemala Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	20.7
Analysis Method:	HCM 7th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.843

Intersection Setup

Name											
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00			25.00			25.00			25.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name												
Base Volume Input [veh/h]	12	193	4	97	301	154	106	27	13	4	20	124
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	2	0	0	6	0	0	0	3	2	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	12	196	4	97	308	155	106	27	16	6	20	124
Peak Hour Factor	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400	0.8400
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	4	58	1	29	92	46	32	8	5	2	6	37
Total Analysis Volume [veh/h]	14	233	5	115	367	185	126	32	19	7	24	148
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	572	572	658	526	571
Degree of Utilization, x	0.44	0.84	0.28	0.34	0.31

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	2.24	8.96	1.15	1.47	1.33
95th-Percentile Queue Length [ft]	55.88	224.12	28.74	36.76	33.33
Approach Delay [s/veh]	14.14	27.43		13.26	12.15
Approach LOS	B	D		B	B
Intersection Delay [s/veh]	20.69				
Intersection LOS	C				

Intersection Level Of Service Report
Intersection 4: Suva St (NS) at Paramount Blvd (EW)

Control Type:	Signalized	Delay (sec / veh):	21.0
Analysis Method:	HCM 7th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.720

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	225.00	100.00	100.00	115.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00			25.00			40.00			40.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	16	17	34	200	25	167	105	1121	9	13	1100	131
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00											
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	2	11	0	1	1	15	0	0	8	1
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	16	17	36	212	25	169	106	1140	9	13	1112	133
Peak Hour Factor	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850	0.9850
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	4	4	9	54	6	43	27	289	2	3	282	34
Total Analysis Volume [veh/h]	16	17	37	215	25	172	108	1157	9	13	1129	135
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing m	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing mi	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	65
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	6.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	ProtPer	Permiss	Permiss	ProtPer	Permiss	Permiss
Signal Group	0	6	0	0	2	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	0	10	0	0	10	0	7	10	0	7	10	0
Maximum Green [s]	0	120	0	0	120	0	120	120	0	120	120	0
Amber [s]	0.0	3.0	0.0	0.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
All red [s]	0.0	1.0	0.0	0.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	0	26	0	0	26	0	11	28	0	11	28	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
Walk [s]	0	5	0	0	5	0	0	5	0	0	5	0
Pedestrian Clearance [s]	0	17	0	0	17	0	0	7	0	0	7	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
Minimum Recall		No			No		No	No		No	No	
Maximum Recall		No			No		No	No		No	No	
Pedestrian Recall		No			No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	L	C	C
C, Cycle Length [s]	65	65	65	65	65	65	65	65
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00
g_i, Effective Green Time [s]	23	23	34	29	29	34	24	24
g / C, Green / Cycle	0.35	0.35	0.53	0.44	0.44	0.53	0.37	0.37
(v / s)_i Volume / Saturation Flow Rate	0.04	0.27	0.14	0.31	0.31	0.02	0.34	0.34
s, saturation flow rate [veh/h]	1618	1513	754	1870	1865	614	1870	1801
c, Capacity [veh/h]	637	616	413	824	822	359	694	668
d1, Uniform Delay [s]	14.25	18.44	12.52	14.78	14.78	9.79	19.60	19.64
k, delay calibration	0.50	0.50	0.11	0.11	0.11	0.11	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	0.35	5.67	0.33	1.13	1.14	0.04	5.97	6.39
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.11	0.67	0.26	0.71	0.71	0.04	0.93	0.93
d, Delay for Lane Group [s/veh]	14.60	24.11	12.85	15.91	15.92	9.83	25.57	26.03
Lane Group LOS	B	C	B	B	B	A	C	C
Critical Lane Group	No	Yes	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	0.72	6.05	0.64	5.98	5.97	0.07	8.99	8.78
50th-Percentile Queue Length [ft/ln]	18.08	151.20	15.97	149.60	149.27	1.81	224.79	219.52
95th-Percentile Queue Length [veh/ln]	1.30	10.08	1.15	10.00	9.98	0.13	13.91	13.64
95th-Percentile Queue Length [ft/ln]	32.54	252.03	28.75	249.89	249.45	3.26	347.74	341.01

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	14.60	14.60	14.60	24.11	24.11	24.11	12.85	15.91	15.92	9.83	25.77	26.03
Movement LOS	B	B	B	C	C	C	B	B	B	A	C	C
d_A, Approach Delay [s/veh]	14.60			24.11			15.65			25.63		
Approach LOS	B			C			B			C		
d_I, Intersection Delay [s/veh]	20.98											
Intersection LOS	C											
Intersection V/C	0.720											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	9.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	24.13	24.13	24.13	24.13
l_p,int, Pedestrian LOS Score for Intersection	1.756	2.035	2.981	3.289
Crosswalk LOS	A	B	C	C
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	677	677	738	738
d_b, Bicycle Delay [s]	14.23	14.23	12.94	12.94
l_b,int, Bicycle LOS Score for Intersection	1.675	2.239	2.611	2.613
Bicycle LOS	A	B	B	B

Sequence

Ring 1	-	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Intersection Level Of Service Report
Intersection 5: Foster Bridge Blvd (NS) at Project Dwy (EW)

Control Type:	Two-way stop	Delay (sec / veh):	11.0
Analysis Method:	HCM 7th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.003

Intersection Setup

Name						
Approach	Northbound		Southbound		Eastbound	
Lane Configuration						
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00		25.00		25.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name						
Base Volume Input [veh/h]	0	178	189	0	0	0
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	3	0	0	1	2	7
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	3	179	190	1	2	7
Peak Hour Factor	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	47	50	0	1	2
Total Analysis Volume [veh/h]	3	188	200	1	2	7
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			No
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00	0.00	0.01
d_M, Delay for Movement [s/veh]	7.63	0.00	0.00	0.00	10.97	9.34
Movement LOS	A	A	A	A	B	A
95th-Percentile Queue Length [veh/ln]	0.01	0.01	0.00	0.00	0.04	0.04
95th-Percentile Queue Length [ft/ln]	0.13	0.13	0.00	0.00	0.88	0.88
d_A, Approach Delay [s/veh]	0.12		0.00		9.70	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	0.27					
Intersection LOS	B					

Dowey Foster Bridge Residential

Vistro File: G:\...\PME.vistro

Scenario 4 Existing Plus Ambient Growth Plus Cumulative Plus Project PM Peak Hour

Report File: G:\...\PMEACP.pdf

10/13/2023

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Suva St (NS) at Scout Ave (EW)	All-way stop	HCM 7th Edition	NB Left	0.454	11.8	B
2	Suva St (NS) at Bluff Rd (EW)	Signalized	HCM 7th Edition	WB Left	0.494	12.9	B
3	Suva St (NS) at Guatemala Ave (EW)	All-way stop	HCM 7th Edition	SB Thru	0.948	29.6	D
4	Suva St (NS) at Paramount Blvd (EW)	Signalized	HCM 7th Edition	WB Right	0.799	39.7	D
5	Foster Bridge Blvd (NS) at Project Dwy (EW)	Two-way stop	HCM 7th Edition	EB Left	0.002	11.3	B

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Suva St (NS) at Scout Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	11.8
Analysis Method:	HCM 7th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.454

Intersection Setup

Name											
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00			25.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	163	108	5	7	173	35	23	88	242	13	61	5
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	2	2	0	0	2	0	0	0	3	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	166	110	5	7	176	35	23	88	246	13	61	5
Peak Hour Factor	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610	0.9610
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	43	29	1	2	46	9	6	23	64	3	16	1
Total Analysis Volume [veh/h]	173	114	5	7	183	36	24	92	256	14	63	5
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	643	652	574	660	530	551
Degree of Utilization, x	0.45	0.35	0.20	0.39	0.08	0.07

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	2.37	1.55	0.75	1.83	0.25	0.24
95th-Percentile Queue Length [ft]	59.14	38.70	18.74	45.83	6.26	6.00
Approach Delay [s/veh]	13.16	11.43	11.25		9.91	
Approach LOS	B	B	B		A	
Intersection Delay [s/veh]	11.75					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 2: Suva St (NS) at Bluff Rd (EW)

Control Type:	Signalized	Delay (sec / veh):	12.9
Analysis Method:	HCM 7th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.494

Intersection Setup

Name												
Approach	Northbound				Southbound				Eastbound			
Lane Configuration												
Turning Movement	Left	Thru	Right	Right2	Left2	Left	Thru	Right	Left2	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00				25.00				25.00			
Grade [%]	0.00				0.00				0.00			
Curb Present	No				No				No			
Crosswalk	Yes				Yes				Yes			

Volumes

Name												
Base Volume Input [veh/h]	0	259	8	172	3	8	425	3	0	0	0	2
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00											
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	2	6	0	4	0	1	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	0	262	14	173	7	8	428	3	0	0	0	2
Peak Hour Factor	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	66	4	44	2	2	108	1	0	0	0	1
Total Analysis Volume [veh/h]	0	265	14	175	7	8	433	3	0	0	0	2
Presence of On-Street Parking	No			No	No			No	No			No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0				0				0			
v_di, Inbound Pedestrian Volume crossing th	0				0				0			
v_co, Outbound Pedestrian Volume along th	0				0				0			
v_ci, Inbound Pedestrian Volume along the e	0				0				0			
v_ab, Corner Pedestrian Volume [ped/h]	0				0				0			
Bicycle Volume [bicycles/h]	0				0				0			

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	60
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	6.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss
Signal Group	0	2	0	0	0	0	6	0	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	10	0	0	0	0	10	0	0	0	10	0
Maximum Green [s]	0	120	0	0	0	0	120	0	0	0	120	0
Amber [s]	0.0	3.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	0.0
All red [s]	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0
Split [s]	0	19	0	0	0	0	19	0	0	0	22	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	0.0
Walk [s]	0	5	0	0	0	0	5	0	0	0	5	0
Pedestrian Clearance [s]	0	10	0	0	0	0	10	0	0	0	10	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No					No				No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0
Minimum Recall		No					No				No	
Maximum Recall		No					No				No	
Pedestrian Recall		No					No				No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	C
C, Cycle Length [s]	38	38	38
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	2.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00
g_i, Effective Green Time [s]	12	12	4
g / C, Green / Cycle	0.32	0.32	0.12
(v / s)_i Volume / Saturation Flow Rate	0.27	0.24	0.00
s, saturation flow rate [veh/h]	1710	1861	1426
c, Capacity [veh/h]	651	703	266
d1, Uniform Delay [s]	11.64	11.34	14.64
k, delay calibration	0.11	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00
d2, Incremental Delay [s]	1.37	0.98	0.01
d3, Initial Queue Delay [s]	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.70	0.64	0.01
d, Delay for Lane Group [s/veh]	13.00	12.33	14.66
Lane Group LOS	B	B	B
Critical Lane Group	Yes	No	No
50th-Percentile Queue Length [veh/ln]	2.95	2.81	0.01
50th-Percentile Queue Length [ft/ln]	73.77	70.26	0.35
95th-Percentile Queue Length [veh/ln]	5.31	5.06	0.03
95th-Percentile Queue Length [ft/ln]	132.79	126.48	0.63

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	13.00	13.00	13.00	13.00	12.33	12.33	12.33	12.33	14.66	14.66	14.66	14.66
Movement LOS	B	B	B	B	B	B	B	B	B	B	B	B
d_A, Approach Delay [s/veh]	13.00				12.33				14.66			
Approach LOS	B				B				B			
d_I, Intersection Delay [s/veh]	12.89											
Intersection LOS	B											
Intersection V/C	0.494											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	10.88	10.88	10.88
l_p,int, Pedestrian LOS Score for Intersection	2.205	1.963	1.670
Crosswalk LOS	B	A	A
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	798	798	957
d_b, Bicycle Delay [s]	6.79	6.79	5.11
l_b,int, Bicycle LOS Score for Intersection	2.020	2.291	1.563
Bicycle LOS	B	B	A

Intersection Setup

Name								
Approach	Westbound				Southwestbound			
Lane Configuration								
Turning Movement	Left	Thru	Right	Right2	Left	Thru	Right	Right2
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00				25.00			
Grade [%]	0.00				0.00			
Curb Present	No				No			
Crosswalk	Yes				Yes			

Volumes

Name								
Base Volume Input [veh/h]	50	0	3	2	2	199	0	5
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00							
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	1	0	2
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	50	0	3	2	2	201	0	7
Peak Hour Factor	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880	0.9880
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	13	0	1	1	1	51	0	2
Total Analysis Volume [veh/h]	51	0	3	2	2	203	0	7
Presence of On-Street Parking	No			No	No			No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0				0			
v_di, Inbound Pedestrian Volume crossing th	0				0			
v_co, Outbound Pedestrian Volume along th	0				0			
v_ci, Inbound Pedestrian Volume along the le	0				0			
v_ab, Corner Pedestrian Volume [ped/h]	0				0			
Bicycle Volume [bicycles/h]	0				0			

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	60
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	6.00

Phasing & Timing

Control Type	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive
Signal Group	0	8	0	0	0	10	0	0
Auxiliary Signal Groups								
Lead / Lag	-	-	-	-	-	-	-	-
Minimum Green [s]	0	10	0	0	0	10	0	0
Maximum Green [s]	0	120	0	0	0	120	0	0
Amber [s]	0.0	3.0	0.0	0.0	0.0	3.0	0.0	0.0
All red [s]	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0
Split [s]	0	22	0	0	0	19	0	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	0.0	3.0	0.0	0.0
Walk [s]	0	5	0	0	0	5	0	0
Pedestrian Clearance [s]	0	10	0	0	0	10	0	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No				No		
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0
Minimum Recall		No				No		
Maximum Recall		No				No		
Pedestrian Recall		No				No		
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C
C, Cycle Length [s]	38	38
L, Total Lost Time per Cycle [s]	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	2.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00
g_i, Effective Green Time [s]	4	9
g / C, Green / Cycle	0.12	0.24
(v / s)_i Volume / Saturation Flow Rate	0.04	0.11
s, saturation flow rate [veh/h]	1585	1858
c, Capacity [veh/h]	372	442
d1, Uniform Delay [s]	15.09	12.38
k, delay calibration	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00
d2, Incremental Delay [s]	0.19	0.81
d3, Initial Queue Delay [s]	0.00	0.00
Rp, platoon ratio	1.00	1.00
PF, progression factor	1.00	1.00

Lane Group Results

X, volume / capacity	0.15	0.48
d, Delay for Lane Group [s/veh]	15.28	13.19
Lane Group LOS	B	B
Critical Lane Group	Yes	Yes
50th-Percentile Queue Length [veh/ln]	0.40	1.37
50th-Percentile Queue Length [ft/ln]	9.93	34.21
95th-Percentile Queue Length [veh/ln]	0.72	2.46
95th-Percentile Queue Length [ft/ln]	17.88	61.57

Movement, Approach, & Intersection Results

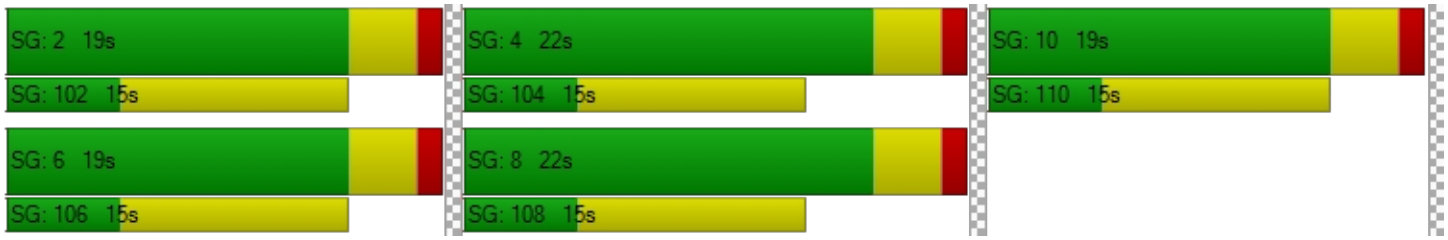
d_M, Delay for Movement [s/veh]	15.28	15.28	15.28	15.28	13.19	13.19	13.19	13.19
Movement LOS	B	B	B	B	B	B	B	B
d_A, Approach Delay [s/veh]	15.28				13.19			
Approach LOS	B				B			
d_I, Intersection Delay [s/veh]	12.89							
Intersection LOS	B							
Intersection V/C	0.494							

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00
d_p, Pedestrian Delay [s]	10.88	10.88
l_p,int, Pedestrian LOS Score for Intersection	1.787	1.785
Crosswalk LOS	A	A
s_b, Saturation Flow Rate of the bicycle lane	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	957	798
d_b, Bicycle Delay [s]	5.11	6.79
l_b,int, Bicycle LOS Score for Intersection	1.649	1.898
Bicycle LOS	A	A

Sequence

Ring 1	2	4	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 3: Suva St (NS) at Guatemala Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	29.6
Analysis Method:	HCM 7th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.948

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00			25.00			25.00			25.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	No			No			No			No		

Volumes

Name												
Base Volume Input [veh/h]	12	345	12	134	410	131	75	36	12	14	26	92
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	2	8	2	0	2	0	0	0	1	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	14	354	14	135	414	132	75	36	13	14	26	92
Peak Hour Factor	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900	0.9900
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	4	89	4	34	105	33	19	9	3	4	7	23
Total Analysis Volume [veh/h]	14	358	14	136	418	133	76	36	13	14	26	93
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	602	584	675	502	537
Degree of Utilization, x	0.64	0.95	0.20	0.25	0.25

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	4.59	12.65	0.73	0.97	0.97
95th-Percentile Queue Length [ft]	114.65	316.30	18.19	24.34	24.21
Approach Delay [s/veh]	19.05	41.99		12.52	11.89
Approach LOS	C	E		B	B
Intersection Delay [s/veh]	29.56				
Intersection LOS	D				

Intersection Level Of Service Report
Intersection 4: Suva St (NS) at Paramount Blvd (EW)

Control Type:	Signalized	Delay (sec / veh):	39.7
Analysis Method:	HCM 7th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.799

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	225.00	100.00	100.00	115.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00			25.00			40.00			40.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	5	6	4	205	28	161	96	1132	24	14	1263	176
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00											
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	4	0	1	3	9	0	2	15	9
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	5	6	4	210	28	163	99	1146	24	16	1283	186
Peak Hour Factor	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650	0.9650
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	2	1	54	7	42	26	297	6	4	332	48
Total Analysis Volume [veh/h]	5	6	4	218	29	169	103	1188	25	17	1330	193
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing m	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing mi	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	65
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	6.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	ProtPer	Permiss	Permiss	ProtPer	Permiss	Permiss
Signal Group	0	6	0	0	2	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	0	10	0	0	10	0	7	10	0	7	10	0
Maximum Green [s]	0	120	0	0	120	0	120	120	0	120	120	0
Amber [s]	0.0	3.0	0.0	0.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
All red [s]	0.0	1.0	0.0	0.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	0	26	0	0	26	0	11	28	0	11	28	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
Walk [s]	0	5	0	0	5	0	0	5	0	0	5	0
Pedestrian Clearance [s]	0	17	0	0	17	0	0	7	0	0	7	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
Minimum Recall		No			No		No	No		No	No	
Maximum Recall		No			No		No	No		No	No	
Pedestrian Recall		No			No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	L	C	C
C, Cycle Length [s]	65	65	65	65	65	65	65	65
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00
g_i, Effective Green Time [s]	22	22	35	29	29	35	25	25
g / C, Green / Cycle	0.34	0.34	0.54	0.45	0.45	0.54	0.38	0.38
(v / s)_i Volume / Saturation Flow Rate	0.01	0.27	0.15	0.33	0.33	0.03	0.41	0.42
s, saturation flow rate [veh/h]	1541	1527	669	1870	1856	607	1870	1789
c, Capacity [veh/h]	599	605	395	834	828	362	717	686
d1, Uniform Delay [s]	14.24	19.21	12.86	14.80	14.81	9.69	20.05	20.05
k, delay calibration	0.50	0.50	0.11	0.11	0.11	0.11	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	0.08	6.26	0.35	1.25	1.26	0.05	41.48	48.19
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.03	0.69	0.26	0.73	0.73	0.05	1.08	1.09
d, Delay for Lane Group [s/veh]	14.31	25.47	13.21	16.05	16.07	9.74	61.53	68.24
Lane Group LOS	B	C	B	B	B	A	F	F
Critical Lane Group	No	Yes	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	0.15	6.32	0.59	6.28	6.25	0.09	17.30	17.82
50th-Percentile Queue Length [ft/ln]	3.82	158.06	14.68	157.12	156.26	2.29	432.44	445.62
95th-Percentile Queue Length [veh/ln]	0.28	10.45	1.06	10.40	10.35	0.16	25.35	26.26
95th-Percentile Queue Length [ft/ln]	6.88	261.16	26.42	259.91	258.76	4.12	633.78	656.44

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	14.31	14.31	14.31	25.47	25.47	25.47	13.21	16.06	16.07	9.74	64.34	68.24
Movement LOS	B	B	B	C	C	C	B	B	B	A	E	E
d_A, Approach Delay [s/veh]	14.31			25.47			15.84			64.23		
Approach LOS	B			C			B			E		
d_I, Intersection Delay [s/veh]	39.72											
Intersection LOS	D											
Intersection V/C	0.799											

Other Modes

g_Walk,mi, Effective Walk Time [s]	9.0	9.0	9.0	9.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	24.13	24.13	24.13	24.13
l_p,int, Pedestrian LOS Score for Intersection	1.746	2.052	3.025	3.362
Crosswalk LOS	A	B	C	C
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	677	677	738	738
d_b, Bicycle Delay [s]	14.23	14.23	12.93	12.93
l_b,int, Bicycle LOS Score for Intersection	1.584	2.246	2.645	2.830
Bicycle LOS	A	B	B	C

Sequence

Ring 1	-	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Intersection Level Of Service Report
Intersection 5: Foster Bridge Blvd (NS) at Project Dwy (EW)

Control Type:	Two-way stop	Delay (sec / veh):	11.3
Analysis Method:	HCM 7th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.002

Intersection Setup

Name						
Approach	Northbound		Southbound		Eastbound	
Lane Configuration						
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	25.00		25.00		25.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	No		No		No	

Volumes

Name						
Base Volume Input [veh/h]	0	187	206	0	0	0
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0040	1.0040	1.0040	1.0040	1.0040	1.0040
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	10	0	0	2	1	3
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	10	188	207	2	1	3
Peak Hour Factor	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	3	49	54	1	0	1
Total Analysis Volume [veh/h]	11	198	218	2	1	3
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Free	Free	Stop
Flared Lane			No
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance			No
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	7.68	0.00	0.00	0.00	11.34	9.41
Movement LOS	A	A	A	A	B	A
95th-Percentile Queue Length [veh/ln]	0.02	0.02	0.00	0.00	0.02	0.02
95th-Percentile Queue Length [ft/ln]	0.46	0.46	0.00	0.00	0.41	0.41
d_A, Approach Delay [s/veh]	0.40		0.00		9.90	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	0.29					
Intersection LOS	B					

APPENDIX E

TRAFFIC SIGNAL WARRANT GRAPHS

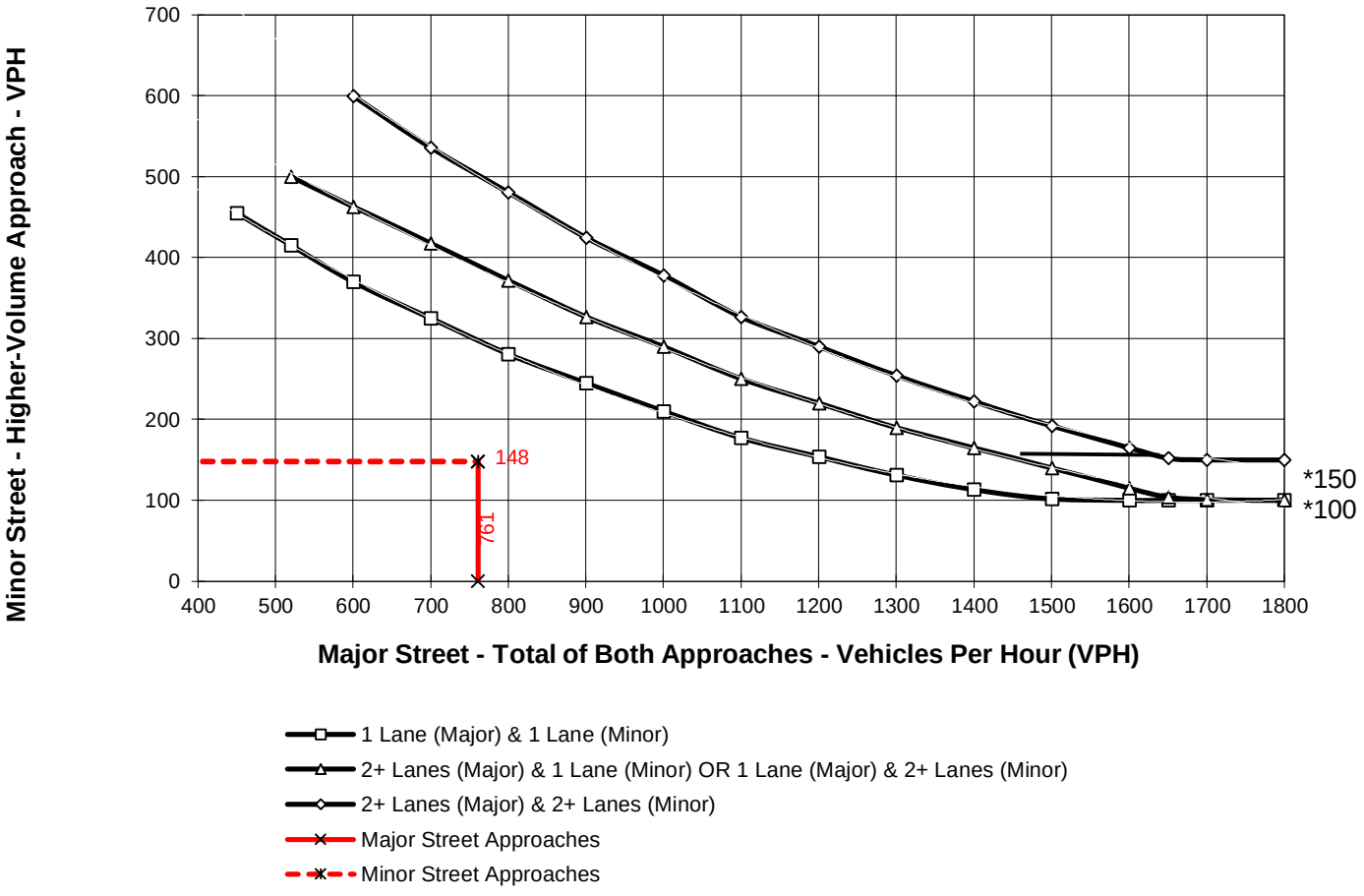
WARRANT 3, PEAK HOUR
(Urban Areas)

Traffic Conditions = **Existing - AM Peak Hour**

Major Street Name = **Suva Street**
Total of Both Approaches (VPH) = **761**
Number of Approach Lanes on Major Street = **1**

Minor Street Name = **Guatemala Avenue**
High Volume Approach (VPH) = **148**
Number of Approach Lanes On Minor Street = **1**

SIGNAL WARRANT NOT SATISFIED



* Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.

WARRANT 3, PEAK HOUR
(Urban Areas)

Traffic Conditions = **Existing - PM Peak Hour**

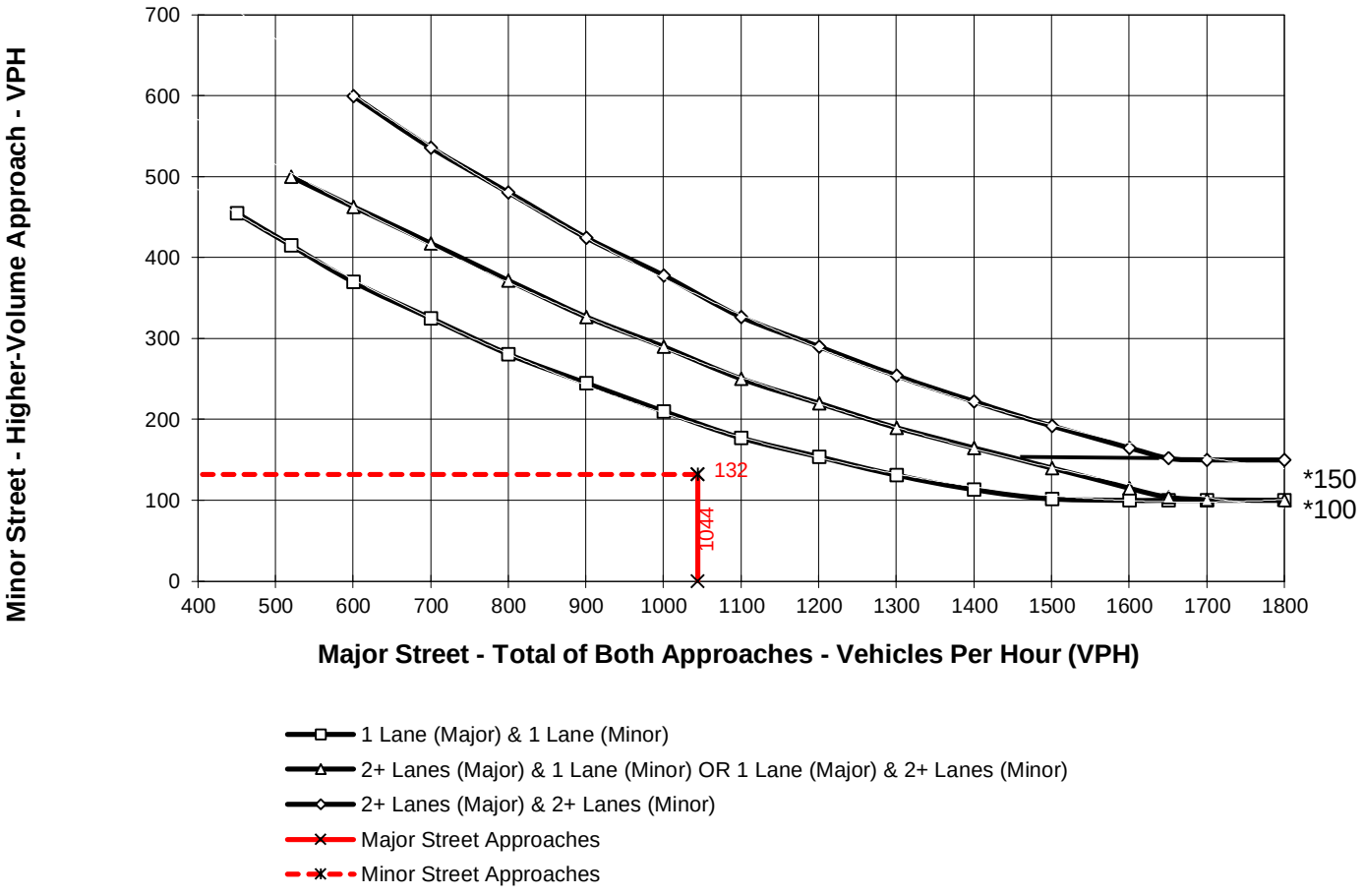
Major Street Name = **Suva Street** Total of Both Approaches (VPH) = **1044**

Number of Approach Lanes on Major Street = **1**

Minor Street Name = **Guatemala Avenue** High Volume Approach (VPH) = **132**

Number of Approach Lanes On Minor Street = **1**

SIGNAL WARRANT NOT SATISFIED



* Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.

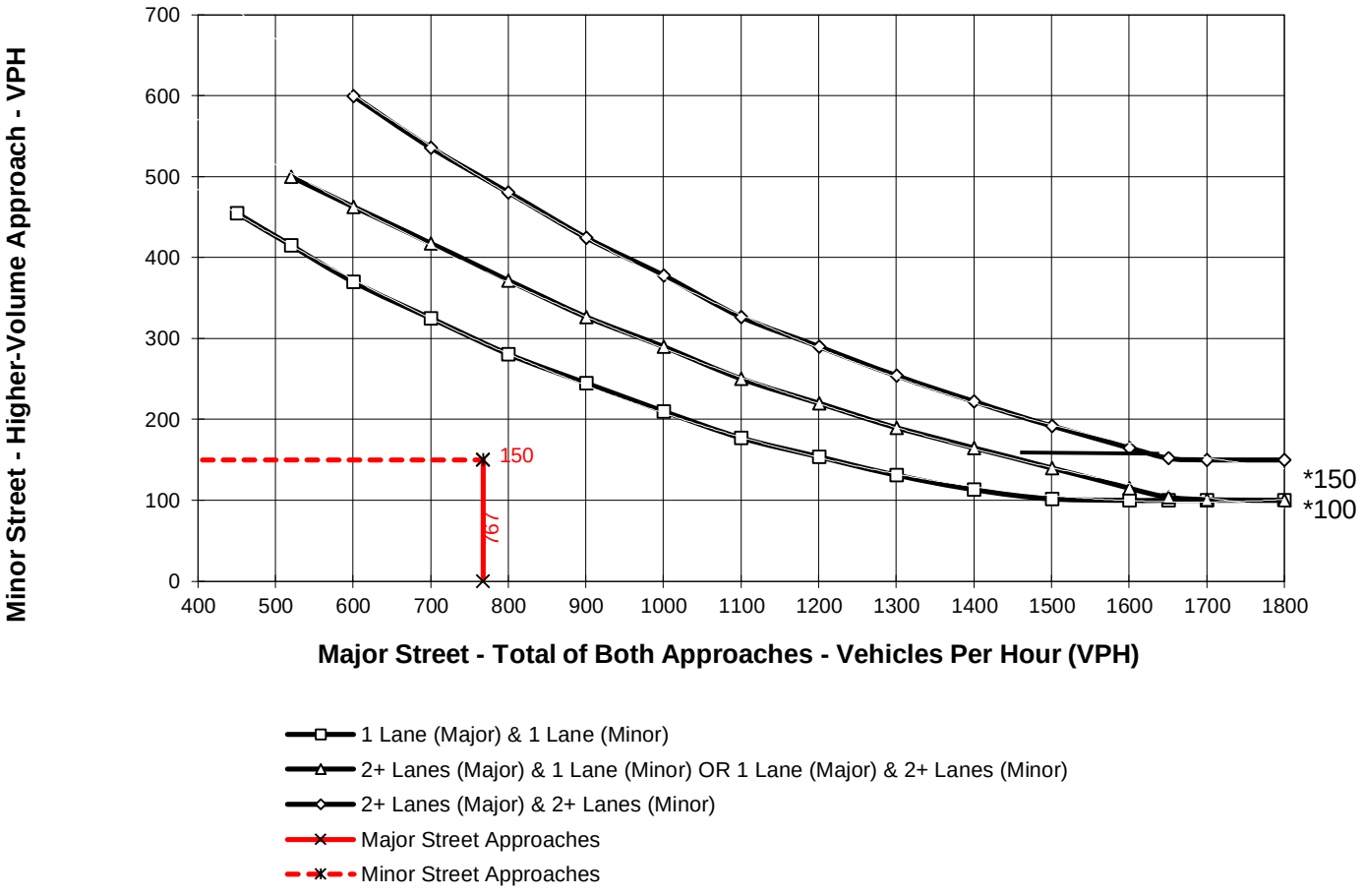
WARRANT 3, PEAK HOUR
(Urban Areas)

Traffic Conditions = **Existing Plus Ambient Growth Plus Cumualtive - AM Peak Hour**

Major Street Name = **Suva Street**
Total of Both Approaches (VPH) = **767**
Number of Approach Lanes on Major Street = **1**

Minor Street Name = **Guatemala Avenue**
High Volume Approach (VPH) = **150**
Number of Approach Lanes On Minor Street = **1**

SIGNAL WARRANT NOT SATISFIED



* Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.

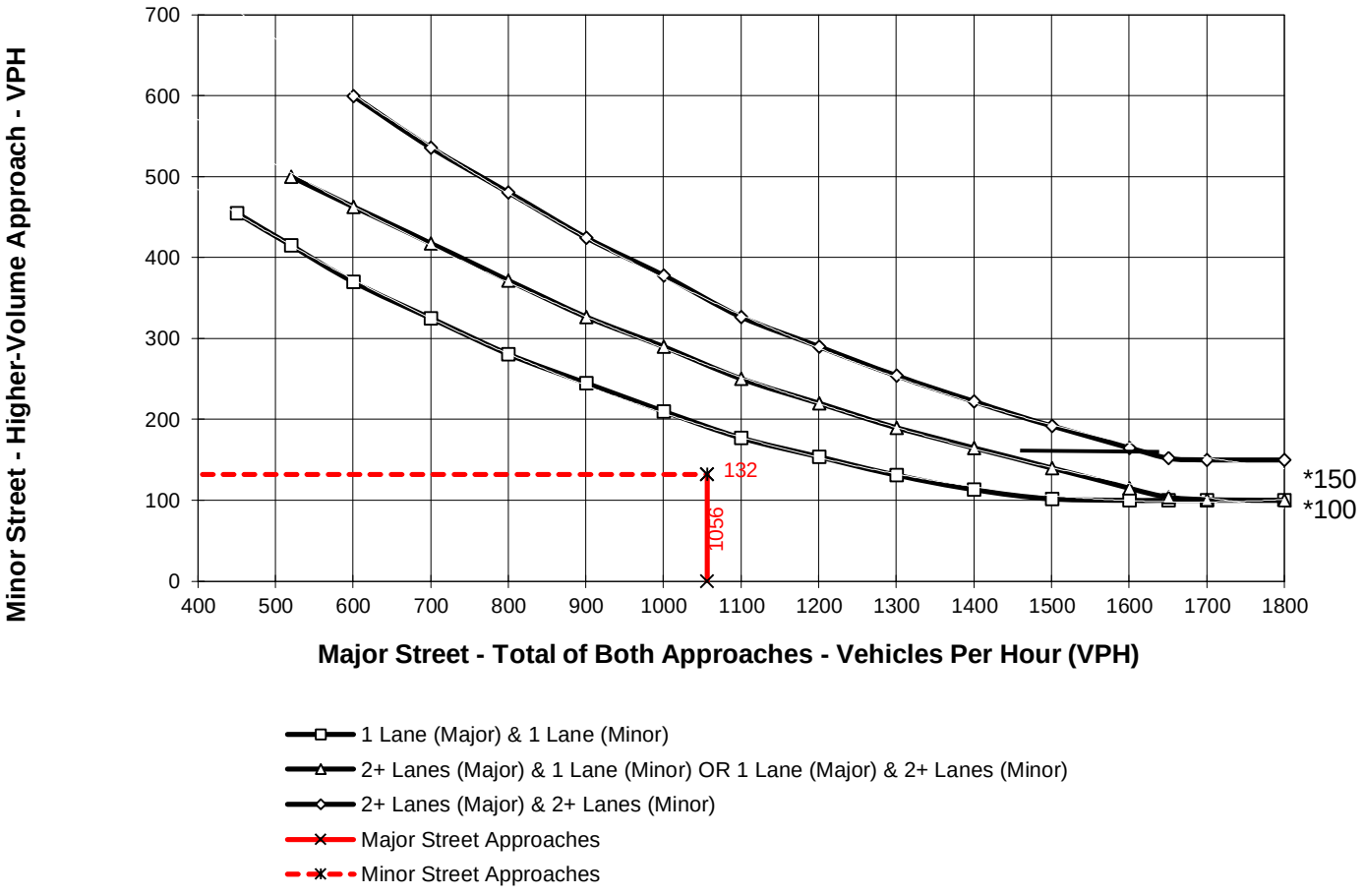
WARRANT 3, PEAK HOUR
(Urban Areas)

Traffic Conditions = **Existing Plus Ambient Growth Plus Cumualtive - PM Peak Hour**

Major Street Name = **Suva Street**
Total of Both Approaches (VPH) = **1056**
Number of Approach Lanes on Major Street = **1**

Minor Street Name = **Guatemala Avenue**
High Volume Approach (VPH) = **132**
Number of Approach Lanes On Minor Street = **1**

SIGNAL WARRANT NOT SATISFIED



* Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.

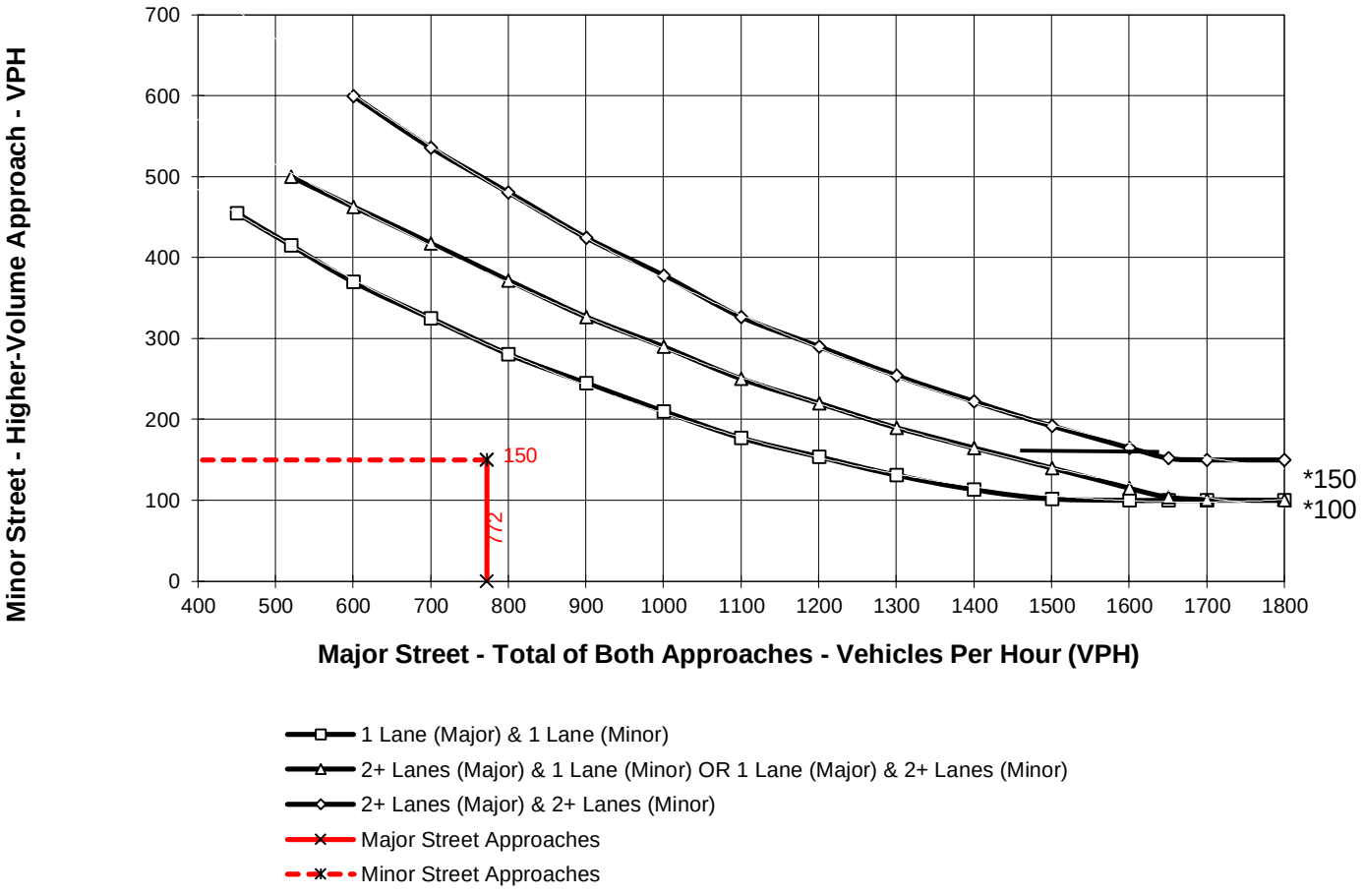
WARRANT 3, PEAK HOUR
(Urban Areas)

Traffic Conditions = **Existing Plus Ambient Growth Plus Cumualtive Plus Project - AM Peak Hour**

Major Street Name = **Suva Street**
Total of Both Approaches (VPH) = **772**
Number of Approach Lanes on Major Street = **1**

Minor Street Name = **Guatemala Avenue**
High Volume Approach (VPH) = **150**
Number of Approach Lanes On Minor Street = **1**

SIGNAL WARRANT NOT SATISFIED



* Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.

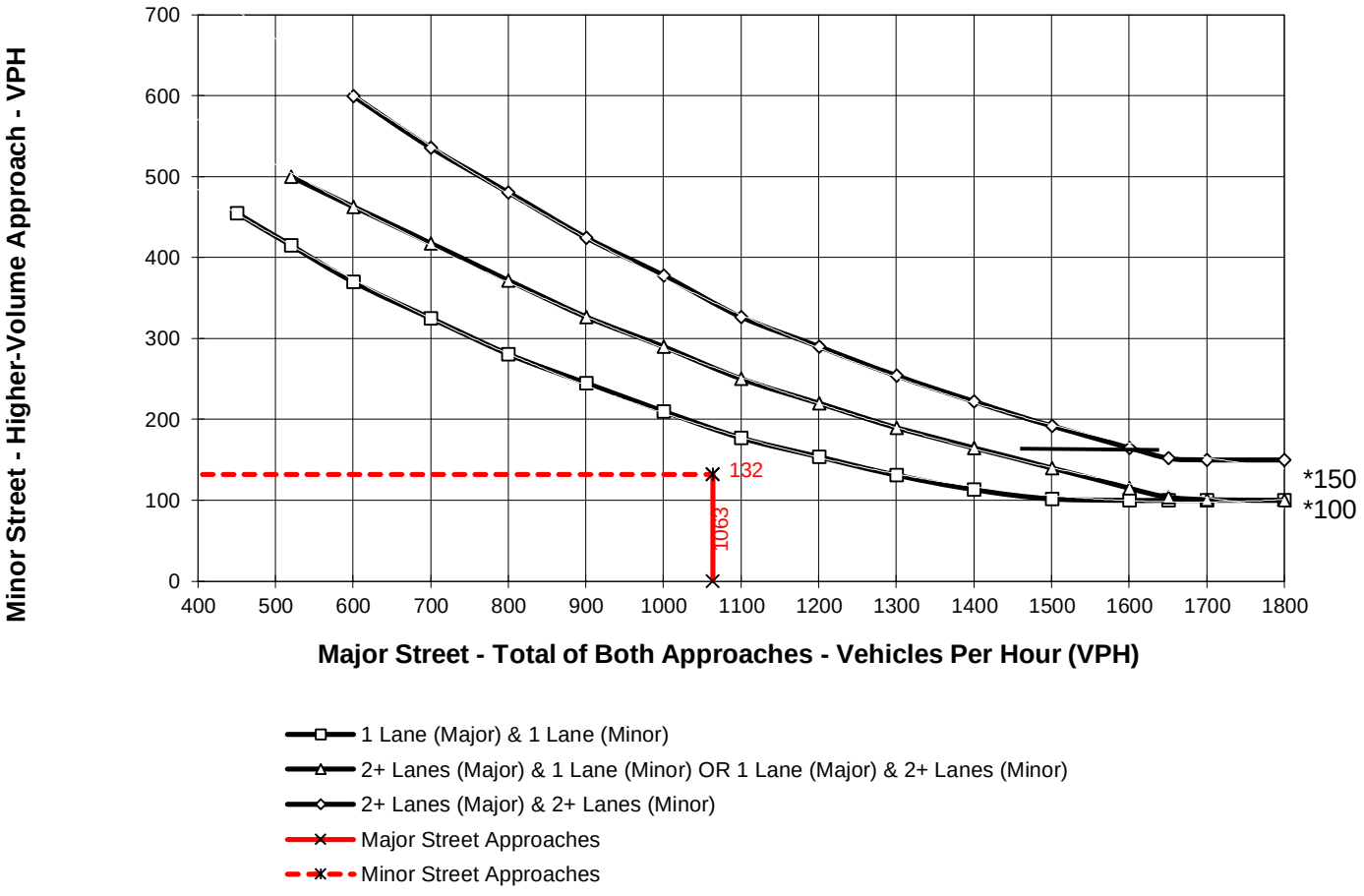
WARRANT 3, PEAK HOUR
(Urban Areas)

Traffic Conditions = **Existing Plus Ambient Growth Plus Cumualtive Plus Project - PM Peak Hour**

Major Street Name = **Suva Street**
Total of Both Approaches (VPH) = **1063**
Number of Approach Lanes on Major Street = **1**

Minor Street Name = **Guatemala Avenue**
High Volume Approach (VPH) = **132**
Number of Approach Lanes On Minor Street = **1**

SIGNAL WARRANT NOT SATISFIED



* Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.

GANDDINI GROUP INC.

714.795.3100 | ganddini.com

This Page Intentionally Left Blank

[Date]

[Lead Agency Letterhead]

FROM: ALFONSO HERNANDEZ, PRINCIPAL PLANNER

RE: Tribal Cultural Resources under the California Environmental Quality Act, SB 18 (Burton, 2004). Formal Notification of a Decision to Undertake a Project, and Notification of Consultation Opportunity, pursuant to Government Code § 65352.3 (hereafter PRC).

Dear < MAIL MERGE: TRIBAL CONTACT TITLE, TRIBAL CONTACT LAST NAME>:

The City of Downey is informing you and your tribe that the City is considering a private residential development called the "Foster Bridge and Bluff Community Residential Project" that is subject to SB 18 since it involves a General Plan Amendment. Below please find a description of the proposed project, maps showing the project location, and the name of our project point of contact, pursuant to PRC 65352.3(a)(1).

Project Description: The Foster Bridge and Bluff Community Project in the City of Downey proposes 33 multi-family residential units on 1.29 acres in the northwest corner at the northwest corner of City of Downey. The proposed gated townhouse development is adjacent to the Rio Hondo River and Trail (across South Bluff Road) to the south.

Land use approvals for the project include a Vesting Tentative Tract Map to establish 33 condominium units and a Site Plan review to consider the project's architecture and improvements. The Project also will require a General Plan Amendment from Low Density Residential (LDR, up to 8.9 units/acre) to Medium Density Residential (MDR, up to 24 units/acre) and a Zone Change from R-1 6,000 to Multi-Family Residential Ownership Zone (R-3-0). The project also includes a density bonus for two moderate income level units in addition to one additional moderate income level unit in addition to the 30 market rate units proposed under the City's inclusionary zoning ordinance.

The density of the proposed Project is 20.6 units per gross acre while the R-3-O zone allows up to approximately 22 units/acre. According to the City Zoning Code, the R-3-O zone is intended to provide "for the development of multiple-family ownership type housing in selected areas compatible with the neighborhood environment. Such areas are envisioned as being located and designed to be complementary to adjacent uses and providing sufficient opportunities for ownership in multiple-family housing".

The Project site currently supports an operating church ("TLG **I** House") and a parking lot but no school or pre-school. Adjacent land uses include single family homes to the north, single family homes across Foster Bridge Boulevard to the east, the Rio Hondo River to the southeast apartments to the southwest (across Suva Street), and a self-storage facility to the northwest. The City of Bell Gardens is located northwest of the site which divides the self-storage facility northwest of the site. The site is located 0.9 mile west of the I-5 Freeway and 1.8 miles east of the I-710 Freeway.

NOTE: *A Cultural Resources Assessment is being prepared for this Project.*

Project Location: The site is located at the northwest corner of Foster Bridge Boulevard and Suva Street in the City of Downey. South Bluff Road also runs along the southeast point of the property forming a five-legged intersection.

Lead Agency Point of Contact: Alfonso Hernandez ashernandez@downeyca.org (562) 904-7154

Pursuant to PRC 65352.3(a)(2), you have 90 days from the receipt of this letter to request consultation, in writing, with the City of Downey.

Respectfully,

Alfonso Hernandez
Principal Planner

Attachments: Exhibits 1-2

South Central Coastal Information Center

California State University, Fullerton
Department of Anthropology MH-426
800 North State College Boulevard
Fullerton, CA 92834-6846
657.278.5395 / FAX 657.278.5542
sccic@fullerton.edu

California Historical Resources Information System

Orange, Los Angeles, San Bernardino, and Ventura Counties

The California Historical Resources Information System (CHRIS) provides archaeological archival research for our clients who have projects throughout the state of California. Clients who use our services need to know if their project may have an effect on these types of cultural resources. We assist in answering this question, at least in part, through the record search process.

When we report that no archaeological resources are recorded in a project area or within a specified radius around a project area; that does not mean that there is no possibility of archaeological sites being present. Surface or buried artifacts may be found during a survey of the property or ground-disturbing activities.

In some cases, the area has not yet been studied and no information that might be used to assess the archaeological sensitivity of a project area is on file in the CHRIS. Project areas that contain structures, hardscape or pavement might never have been studied prior to development and may in effect be capping or preserving a buried archaeological resource. Unfortunately, if resources aren't discovered until after ground disturbance begins, the cultural, historical, or investigative value of that resource may be irreparably damaged.

Depending on the type of project, if no relevant information is on file in the CHRIS, we may recommend that a qualified archaeological consultant be retained to survey the property or to monitor any ground-disturbing activities. This is done so that a qualified consultant can make a more reliable determination about the potential archaeological sensitivity of a property.

Other entities outside of the CHRIS have information about cultural resources that is not a part of the CHRIS Inventory. This information may indicate the presence of or sensitivity regarding places of cultural importance and / or cultural resources not represented in the CHRIS Inventory. Under both federal and state law, consultation with Native American tribes may be required for a given project. The Native American Heritage Commission (NAHC) maintains the official state list of tribal contracts. Even when it is not a legal requirement, we recommend contacting the NAHC for a list of Native American tribal contacts who may have knowledge of tribal cultural resources and areas of sensitivity in the vicinity of a project. The NAHC also maintains information regarding cultural resources and areas of tribal sensitivity, and can facilitate dialogue with Native American tribes and individuals regarding these places.

Please remember. Just because there is nothing recorded in the CHRIS Inventory for a given location, doesn't mean that nothing is there.

Copy made from Email to City from Andy Salas, Kizh Nation

FW: AB52- Multi-Family Residential Project

Inbox
Search for all messages with label Inbox
Remove label Inbox from this conversation

A

Alfonso S. Hernandez Aug 8, 2023, 7:26 PM (16 hours ago)

to me

Kent,

Attached please find the tribal consultation with the Kizh Nation.
Their proposed mitigation measure is found attached and titled "Multifamily Residential_Mitigation Measures".

I have read through the mitigation and find it acceptable.
Please share your thoughts. If ok, I will reach back out to let them know.

Thank you,

Alfonso Hernandez
Prinicipal Planner
Community Development Department

11111 Brookshire Avenue | Downey, CA 90241

(562) 904-7154

ashernandez@downeyca.org

www.downeyca.org

Downey City Hall is open to the public. The public is required to wear a face covering when entering a City facility. Services to the public will continue to be provided by phone and email for those unable to visit City Hall. For specific information regarding other City operations and questions regarding COVID-19, residents can visit the City s

website at https://www.downeyca.org/coronavirus or call the City s COVID-19 hotline at (562) 299-6711

-----Original Message-----
From: Gabrieleno Administration <admin@gabrielenoindians.org>
Sent: Tuesday, August 8, 2023 4:07 PM
To: Alfonso S. Hernandez <ashernandez@downeyca.org>
Subject: AB52- Multi-Family Residential Project

Hello Alfonso,

In order to enable the AB52 process to continue without delay we are providing our concerns in written form for this project in lieu of the in-person meeting. The information provided herein is to be kept confidential as part of AB52 which requires that any information not just documents submitted by a California Native American tribe during the environmental review process to not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency or to the public consistent with Gov. Code Sections 6254, subd.(r) and 6254.10. (Pub. Resources Code § 21082.3, subd. (c)(1)). We ask that the information be included and kept in a confidential appendix to be mentioned in the public document but not included. This confidential appendix shall be available for use to those associated to the project but no entity outside of the project.

As stated in the Public Resource Code section 21080.3.1. (a) The Legislature finds and declares that California Native American tribes traditionally and culturally affiliated with a geographic area may have expertise concerning their tribal cultural resources and an area that has cultural value. We are a California Native American tribe with an ancestral connection (higher degree of connection than traditionally and culturally affiliated) to the project area as we are lineal descendants to the village(s) within and around the project area.

Since subsurface activities are planned to occur for this project that have potential to impact TCRs, we are providing tribal archive information to your agency to help you understand the high cultural sensitivity of the project location and to explain our concerns with specific subsurface ground disturbance activities that have impacted and destroyed our tribal cultural resources in the past. Attached are documents from historic books, screenshots of historic maps and some explanatory text that was also verbally explained in the phone consultation for your project location to explain the cultural significance of the area and the high amount of pre-historic human activity that occurred there.

This 7360 Foster Bridge Rd_1938map_ indicates the project location within the most prominent Gabrieleno communities of Suvangna and Nakaungna whose land area is now known as the city of Downey. All of our mainland villages (sans our island villages) overlapped each other to help facilitate the movement of tribal cultural resources throughout the landscape and also to our sister tribes outside of our traditional ancestral

territory. Village use areas were usually shared between village areas and were commonly used by two or more adjoining villages depending on the type, quantity, quality, and availability of
natural resources in the area. Therefore, human activity can be
pronounced within the shared use areas due to the combined use by multiple villages and TCR s may e present in the soil layers rom the thousands o years o human activity within that landscape.

This 7360 Foster Bridge Rd_1898map_ indicates the project location area within Rancho Santa Gertrudes. All Ranchos were placed within ancient village locations because of the available human workforce and the abundant natural resources located in that area. The Rancho owners were granted the land and the inhabitants of the land for their labor force to raise wheat and corn with many of them cultivating vineyards to make wine and brandy. They also raised cattle and sheep, made leather goods and tanned hides, made soap and candles, and colored clothing and many other items that were shipped back to Spain. The natural resources included waterways, waterbodies, springs, elevated ground, food resources and land area for their cattle. We explained verbally during the consultation about how ranchos help identify ancient village locations but also have included documents and photos that provide information regarding what area and how Rancho Santa Gertrudes was located on our ancient villages of Suvangna and Nakaungna.

This 7360 Foster Bridge Rd_1898map_ shows the project's close proximity to a railroad that existed in this location. All railroads were placed on top of our Tribe's traditional trade routes because when the first railroad planners came out west, the topography was too varied to place the rail lines just anyplace, so they chose the paths of least resistance that already existed which were our traditional trade routes that were flattened by human travel over thousands of years of use. Therefore, the railroad corridor represents the geographically defined location of the trade route in terms of the approximate location and size and scope of the cultural landscape.

The 7360 Foster Bridge Rd_1898map_, 7360 Foster Bridge Rd_1938map_ and 7360 Foster Bridge Rd_1881map_ shows the many trade routes around the project area. Trade routes were heavily used by our Tribe for movement of trade items, visiting of family, going to ceremony, accessing recreation areas, and accessing foraging areas. Within and around these routes contained seasonal or permanent ramadas or trade depots, seasonal and permanent habitation areas, and often still contain isolated burials and cremations from folks who died along the trail.
These isolated burials are not associated with a village community burial site or ceremonial burial site, rather the location is simply where the person died and was buried where they died. Therefore, isolated burials are more concentrated and likely to occur in proximity to our trade routes, especially the major trade routes.
Trade routes are considered a cultural landscape , as stated in section 21074. a and are protected under AB52 as a tribal cultural resource.

The 7360 Foster Bridge Rd_1898map_ and 7360 Foster Bridge Rd_1938map_ indicates the hydrography or waterways that existed around the project area. All water sources were used by our Tribe for life sustenance. Along these watercourses and water bodies occurred seasonal or permanent hamlets, seasonal or permanent trade depots, ceremonial and religious prayer sites, and burials and cremation sites of our ancestors. These activities occurred around water, both inland and coastal, because these water areas create unique habitats and riparian corridors that provide an abundance of food and medicine resources along with aesthetically peaceful areas with running water, shade trees, and shelter. Larger water bodies were high attractants for human activity and the banks and shores of these water bodies have a higher than average potential for encountering Tribal Cultural Resources of artifacts and human remains during ground distur ing activities. Waterways are a cultural landscape , as stated in section 21074. (a) and are protected under AB52 as a tribal cultural resource.

Due to the project site being located within and around a perennial Community (Suvangna ,Nakaungna.), adjacent to sacred water courses and major traditional trade routes, there is a high potential to impact Tribal Cultural Resources still present within the soil from the thousands of years of prehistoric activities that occurred within and around these Tribal Cultural landscapes. Therefore, to avoid impacting or destroying Tribal Cultural Resources that may be inadvertently unearthed during the project's ground disturbing activities and pursuant to our consultation, we have provided to the Lead Agency substantial evidence that the proposed project may have a significant impact on our TCRs. . . "tribal cultural resources" are defined as (1) "sites, features, places, cultural landscapes, sacred places and objects with cultural value to a California Native American tribe" that are included in the state or local register of historical resources or that are determined to be eligible for inclusion in the state register; and (2) resources determined by the lead agency, in its discretion, to be significant on the basis of criteria for listing in the state register of historical resources. Pub Res C §21074(a). A lead agency's determination whether a resource meets the criteria for listing in the state register must be supported by substantial evidence and must consider the significance of the resource to the tribe. Pub Res C §21074(a)(2). A "cultural landscape" may qualify as a tribal cultural resource to the extent it is "geographically defined in terms of the size and scope of the landscape." Pub Res C §21074(b)Moreover, Public Resources Code PRC Section 21084.2 states that a pro ect with an e ect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a signi icant e ect on the environment. A pro ect that may have a significant effect on the environment requires appropriate mitigation. (PRC § 21082.3(b).) Through the consultation process, AB 52 authorized California Native American tribes to assist lead agencies in identifying, interpreting, and determining the significance of TCRs. (See AB 52, Legislative Digest.) Unless the environmental document includes protective measures agreed on during the consultation process, "if substantial evidence demonstrates" the project "will cause" a significant effect to a TCR, the agency must "consider" feasible mitigation measures "pursuant to" Pub Res C §21084.3(b).

As well, Consultation is not deemed concluded for purposes of CEQA until the parties agree to measures to mitigate or avoid a significant effect on a tribal cultural resource, or when a party concludes, after a reasonable effort, that mutual agreement cannot be reached. (PRC §21080.3.2(b).) Any mitigation measures agreed on during the consultation process must be recommended by lead agency staff for inclusion in the environmental document and the mitigation monitoring and reporting program for the project pursuant to section 21082.3(a) of the PRC. Moreover, now that consultation has begun, as the lead agency, you may certify an EIR or adopt a mitigated negative declaration for the subject project (which may have a significant impact on a tribal cultural resource) only after consultation has concluded. (PRC §21082.3(d).)

As part of the AB consultation, we have requested any and all information that the lead agency may possess or has access to attain regarding the history of the subsurface soils that will be impacted as part this pro ect s ground distur ance activities. The reason this information is important in helping to determine the presence or absence of Tribal Cultural Resource objects still present in the soils is because the majority of the TCR objects we have recovered have come from previously disturbed soils that are descri ed in soils reports as ill soils . There ore, TCR o ects are ound in oth disturbed and undisturbed soils. Therefore, the key information we are requesting is information about whether the original soils o the pro ect location are still present onsite, whether they have been disturbed or not.
The usual construction practices of the past were to excavate soils, place them to the side, put in the in rastructure, then ack ill with the same soils. We have found this is the case in most urban areas that were built prior to 1990. However, i there has ever een soils removed and replaced y new soils (e.g. engineered, cleaned, imported) and documents exists about the original soils having been removed from the pro ect s ootprint then those documents are very important in our analysis or our concerns. If the soil is documented as imported to the site and all new construction will be within these soils, then our concerns for ground disturbance activities are greatly reduced. In the absence of documentation or if it is known the original soils are still present within the project footprint, protective measures shall be created and implemented.

Please find attached the proposed mitigation measures for the subject project. Once you have reviewed them, please provide written notification to the Tribe stating whether and to what extent you will include and require the proposed mitigations for TCR for the subject project so that we may conclude our consultation, and if you do not agree with the mitigations as proposed, so that we may continue our consultation discussions in an effort to reach a mutual agreement.

Admin Specialist
Gabrieleno Band of Mission Indians - Kizh Nation PO Box 393 Covina, CA 91723
Office: 844-390-0787
website: https://linkprotect.cudasvc.com/url?a=https%3a%2f%2fwww.gabrielenoindians.org&c=E,1,fp5-PdT-npUWQOXt6EY4C5jC6L-MA_yCmrLcFCm-dtwvkE5rqKfSjXWNxkXX-XFgcoxQ9rAeknNhzAkk8ucnE7xW-hL4qcbnjZIi5ou0DSFQSfR2YA,,&typo=1

The region where Gabrieleño culture thrived for more than eight centuries encompassed most of Los Angeles County, more than half of Orange County and portions of Riverside and San Bernardino counties.
It was the labor of the Gabrieleño who built the missions, ranchos and the pueblos of Los Angeles. They were trained in the trades, and they did the construction and maintenance, as well as the arming and managing o herds o livestock. The Gabrieleño are the ones who did all this work, and they really are the foundation of the early economy o the Los Angeles area . That s a contri ution that Los Angeles has not recognized--the fact that in its early decades, without the Gabrieleño, the community simply would not have survived.

GABRIELENO BAND OF MISSION INDIANS – KIZH NATION - PROPOSED TCR MITIGATION MEASURES

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

A. The project applicant/lead agency shall retain a Native American Monitor from or approved by the Gabrieleño Band of Mission Indians – Kizh Nation. The monitor shall be retained prior to the commencement of any "ground-disturbing activity" for the subject project at all project locations (i.e., both on-site and any off-site locations that are included in the project description/definition and/or required in connection with the project, such as public improvement work). "Ground-disturbing activity" shall include, but is not limited to, demolition, pavement removal, potholing, auguring, grubbing, tree removal, boring, grading, excavation, drilling, and trenching.
B. A copy of the executed monitoring agreement shall be submitted to the lead agency prior to the earlier of the commencement of any ground-disturbing activity, or the issuance of any permit necessary to commence a ground-disturbing activity.
C. The monitor will complete daily monitoring logs that will provide descriptions of the relevant ground-disturbing activities, the type of construction activities performed, locations of ground-disturbing activities, soil types, cultural-related materials, and any other facts, conditions, materials, or discoveries of significance to the Tribe. Monitor logs will identify and describe any discovered TCRs, including but not limited to, Native American cultural and historical artifacts, remains, places of significance, etc., (collectively, tribal cultural resources, or "TCR"), as well as any discovered Native American (ancestral) human remains and burial goods. Copies of monitor logs will be provided to the project applicant/lead agency upon written request to the Tribe.
D. On-site tribal monitoring shall conclude upon the latter of the following (1) written confirmation to the Kizh from a designated point of contact for the project applicant/lead agency that all ground-disturbing activities and phases that may involve ground-disturbing activities on the project site or in connection with the project are complete; or (2) a determination and written notification by the Kizh to the project applicant/lead agency that no future, planned construction activity and/or development/construction phase at the project site possesses the potential to impact Kizh TCRs.

TCR-2: Unanticipated Discovery of Tribal Cultural Resource Objects (Non-Funerary/Non-Ceremonial)

A. Upon discovery of any TCRs, all construction activities in the immediate vicinity of the discovery shall cease (i.e., not less than the surrounding 50 feet) and shall not resume until the discovered TCR has been fully assessed by the Kizh monitor and/or Kizh archaeologist. The Kizh will recover

and retain all discovered TCRs in the form and/or manner the Tribe deems appropriate, in the Tribe's sole discretion, and for any purpose the Tribe deems appropriate, including for educational, cultural and/or historic purposes.

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

A. Native American human remains are defined in PRC 5097.98 (d)(1) as an inhumation or cremation, and in any state of decomposition or skeletal completeness. Funerary objects, called associated grave goods in Public Resources Code Section 5097.98, are also to be treated according to this statute.
B. If Native American human remains and/or grave goods are discovered or recognized on the project site, then Public Resource Code 5097.9 as well as Health and Safety Code Section 7050.5 shall be followed.
C. Human remains and grave/burial goods shall be treated alike per California Public Resources Code section 5097.98(d)(1) and (2).
D. Preservation in place (i.e., avoidance) is the preferred manner of treatment for discovered human remains and/or burial goods.
E. Any discovery of human remains/burial goods shall be kept confidential to prevent further disturbance.

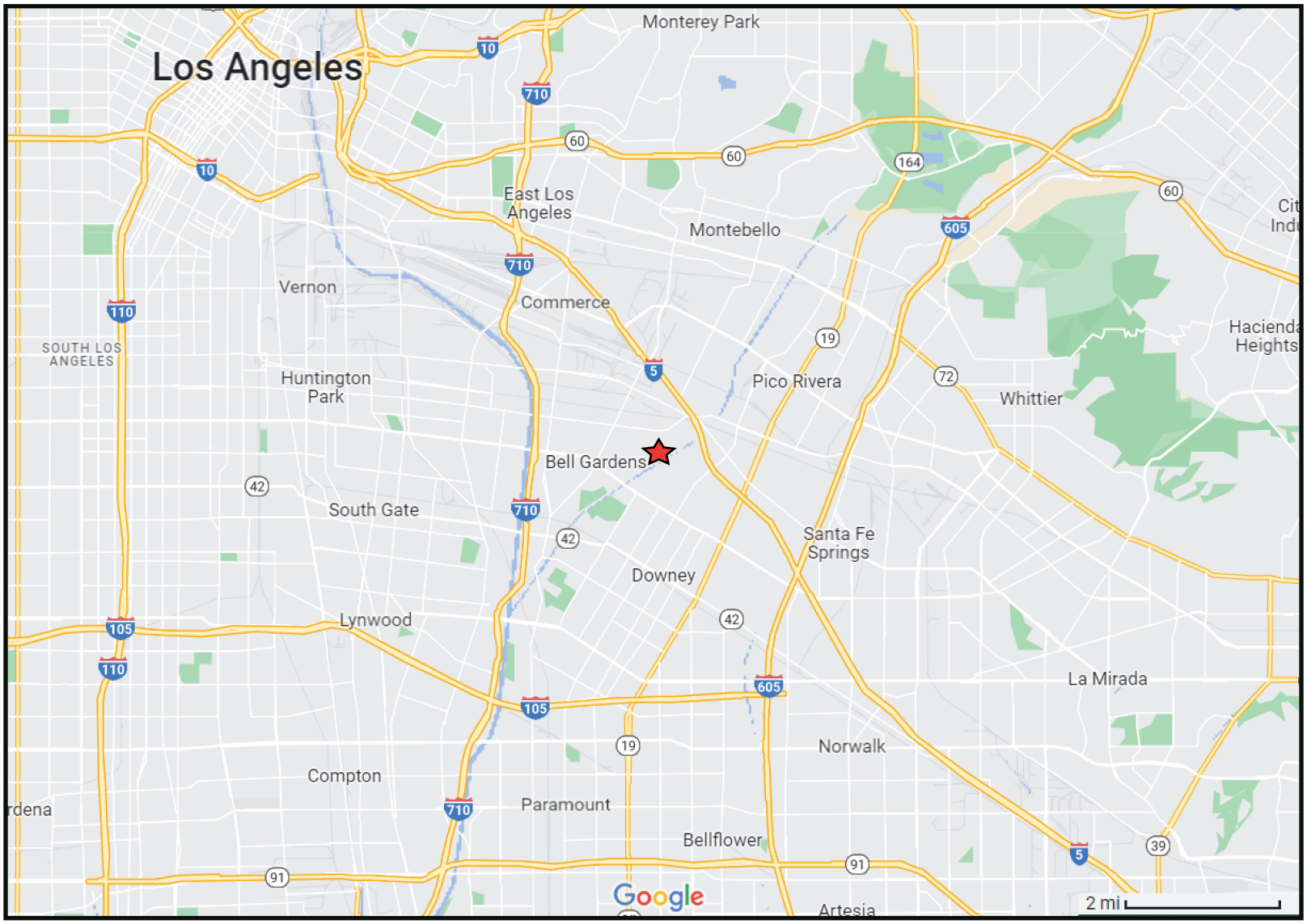
PLEASE NOTE THE FOLLOWING:

Any/all revisions to the Kizh's proposed TCR mitigations set forth above must be requested in writing, and not more than ten (30) calendar days from the date that we consulted on the subject Project so that we can conclude consultation. Requested revisions shall be delivered to the Kizh via email at admin@gabrielenoindians.org, and in a Word document, redline format. Please include as the email subject: "REQUEST FOR MITIGATION REVISIONS," and identify the project name and location/address. If revisions are not requested within 10 calendar days of consultation, the Kizh's proposed mitigations are presumed accepted as proposed (i.e., as set forth above). The laws preserving the confidentiality of Native

The laws preserving the confidentiality of Native
American documents and records prohibits the inclusion of any information about the location of Native American artifacts, sites, sacred lands, or any other information that is exempt from public disclosure pursuant to the Public Records Act. (Cal. Code Regs. § 15120(d) Rocklin (2011) 197 Cal.App.4th 200, at p. 220. Please be advised that these protective mitigation measures are property of the KIZH Nation Tribal

government and no other entity or Tribal government nor should they be utilized for any other Tribal government or entity and are protected under the AB52 confidentiality act

Thank you for your anticipated cooperation.



Project Location ★

Exhibit 1 Regional Context Map

Foster Bridge and Bluff Residential Project
Downey, California

MIG

Project Site

Exhibit 2 Project Location Map

Foster Bridge and Bluff Residential Project
Downey, California

This Page Intentionally Left Blank

ALAN R. SHORT, P.E.

SEWER FLOW GENERATION STUDY

FOR

CITY OF DOWNEY

TENTATIVE TRACT NO. 84168
7360 Foster Bridge Blvd.

PREPARED FOR:

THE OLSON COMPANY
3010 OLD RANCH PARKWAY, SUITE 100
SEAL BEACH, CA. 92740

PREPARED BY:

Alan R Short

ALAN R. SHORT, P.E.
RCE 30873, EXPIRES 3/31/24

REGISTERED PROFESSIONAL ENGINEER
ALAN R. SHORT
No. 30873
EXP. 3/31/24
CIVIL
STATE OF CALIFORNIA

Latest Revision: May 8, 2023

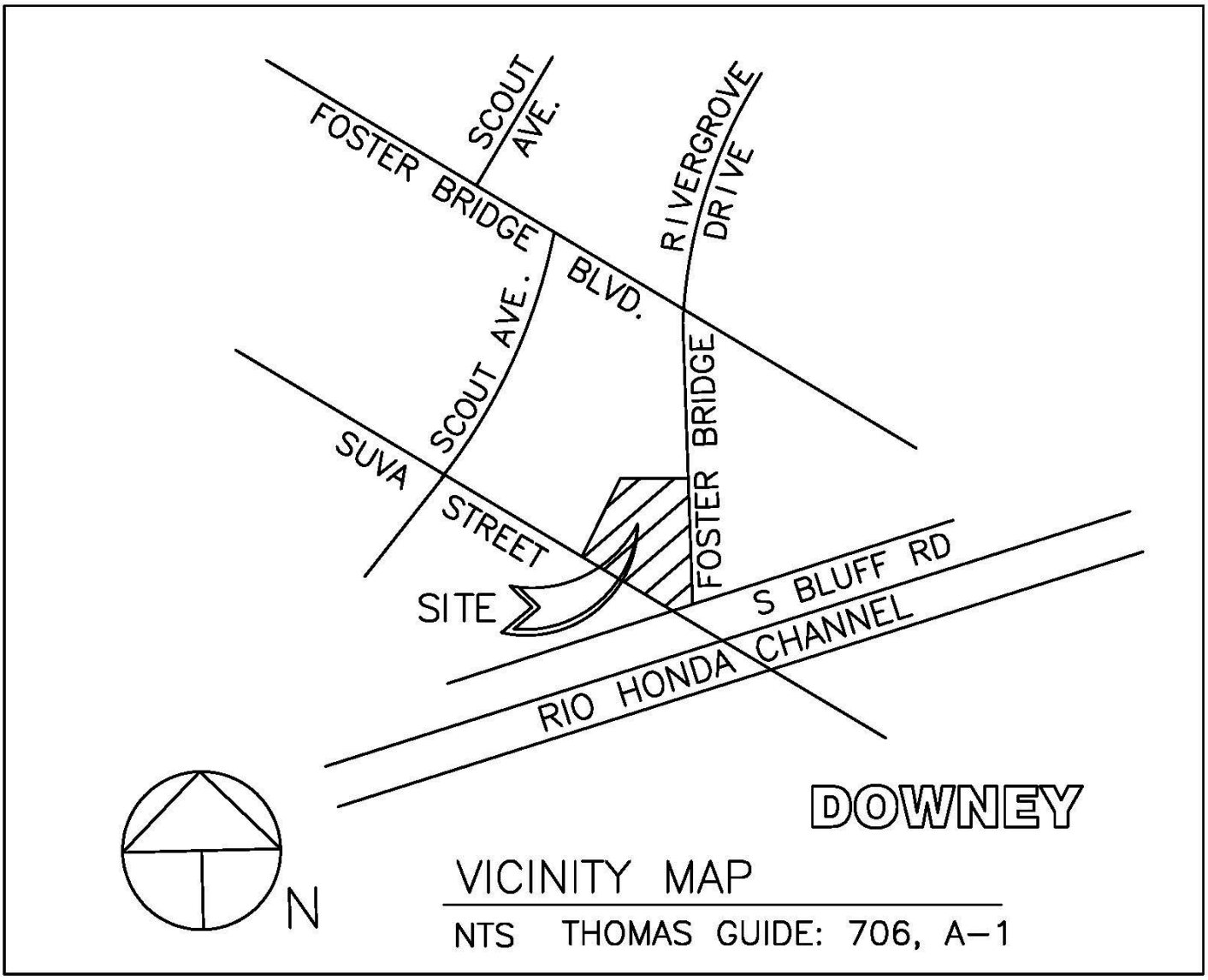
7263 W. GALEN DR.
HERRIMAN, UT 84096
(949) 586-5200
ALANSHORTPE@GMAIL.COM

I. INTRODUCTION

The following Area Study has been prepared by Alan R. Short, PE to determine and show the sewer flows that will be generated from the proposed development, Tentative Tract No. 84168.

II. SITE DESCRIPTION

This site is located at 7360 Foster Bridge Blvd., on the corner of Suva Street. The 1.22 ac site is currently an existing church and parking lot that will be demolished as a part of this project.

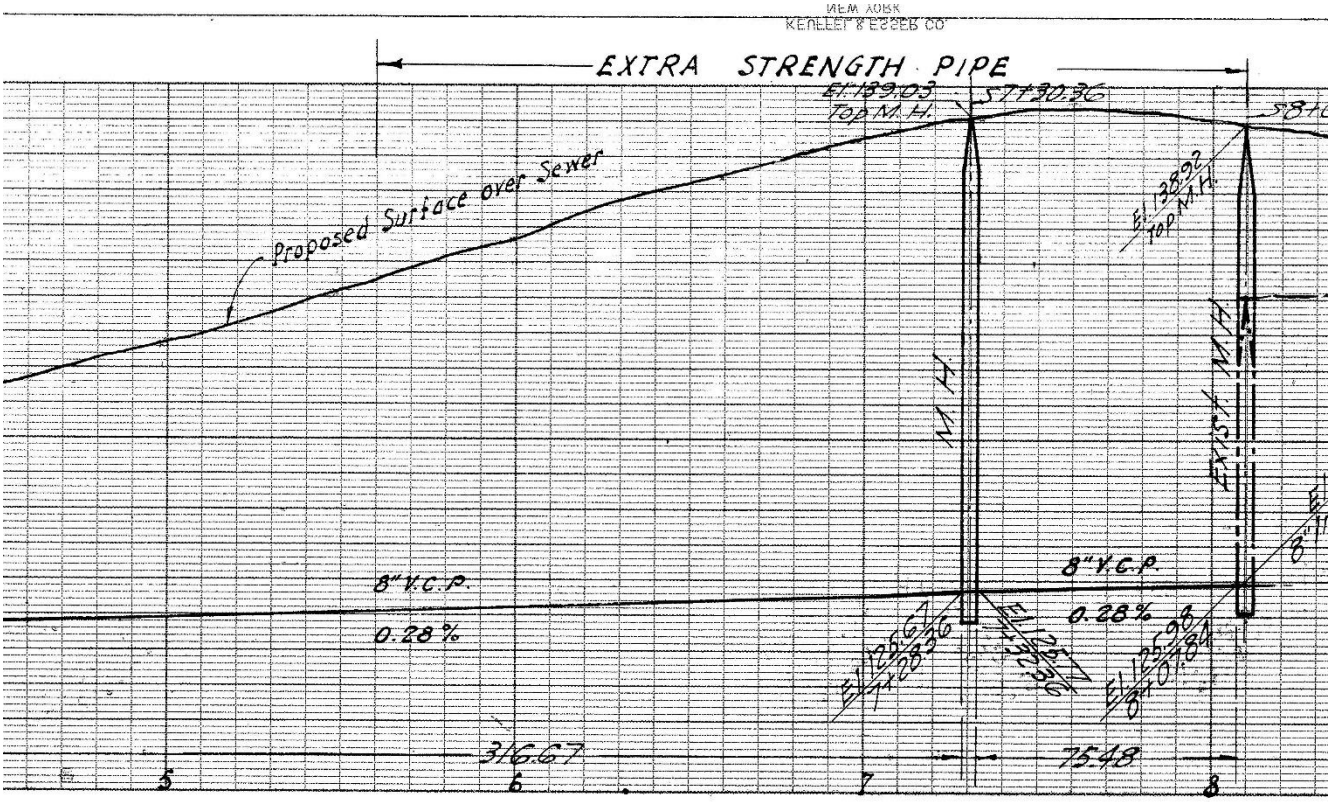


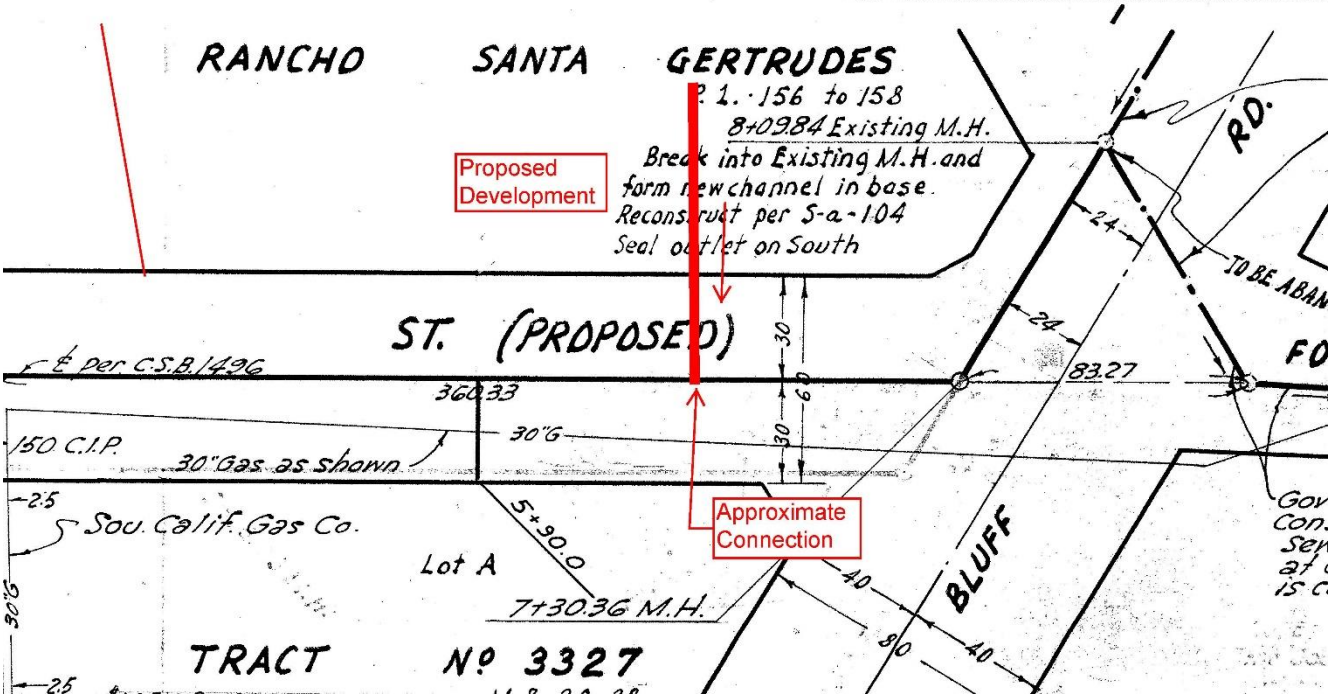
III. PROJECT DESCRIPTION

This proposed project includes 33 single family attached condominiums (3 story) which will be served by private streets and private utilities.

IV. PROPOSED SEWER CONNECTION

This proposed project will connect into the existing City sewer line located in Suva Street. A new manhole will be constructed at the connection point.





V. SEWER GENERATION ANALYSIS

The tributary sewer flow rate (Q) for the studied property is analyzed based on LA County standards, as follows:

Q=ZA
A= Tributary Area (Acres)
Z= Zoning Coefficients

LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
LAND DEVELOPMENT DIVISION

ZONING COEFFICIENTS

ZONE	COEFFICIENT (cfs/Acre)
Agriculture	0.001
Residential	
R-1	0.004
R-2	0.008
R-3	0.012
R-4	0.016 *
Commerical	
C-1 through C-4	0.015 *
Heavy Industrial	
M-1 through M-4	0.021 *

Q=ZA

Q= 0.016 x 1.22 ac = 0.02 cfs flow generated from TT 84168

This Page Intentionally Left Blank

DOWNEY FOSTER BRIDGE & BLUFF

DOWNEY, CALIFORNIA

BUILDER/DEVELOPER:

THE OLSON COMPANY
3010 OLD RANCH PARKWAY
SUITE 100
SEAL BEACH, CA 90704

ARCHITECT:

KTGY GROUP, INC
17911 VON KARMAN AVE
SUITE 200
IRVINE, CA 92614

CIVIL:

ARS
7263 W. GALEN DRIVE
HERRIMAN, UT 84096

LANDSCAPE:

PROFESSIONAL DESIGN ASSOCIATES
1793 W. ARROW HIGHWAY
UPLAND, CA 91786

Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

DOWNEY - FOSTER BRIDGE & BLUFF
DOWNEY, CA # 22-0925

NTS

1st Planning Submittal
Date: 2023-05-10

SHEET INDEX

LANDSCAPE

L1	CONCEPTUAL LANDSCAPE PLAN
L4	CONCEPTUAL OPEN SPACE & TRASH PICKUP PLAN
L5	CONCEPTUAL WALLS & FENCES PLAN
L9	CONCEPTUAL EXTERIOR LIGHTING

CIVIL

C1	VESTING TENTATIVE TRACT MAP
C2	VESTING TENTATIVE TRACT MAP
C3	CONCEPTUAL GRADING PLAN

ARCHITECTURE

A0.0	COVER SHEET
A0.1	SHEET INDEX
A1.0	ARCHITECTURAL SITE PLAN
A2.0	BLDG. 1 (13 PLEX) COMPOSITE - EXTERIOR ELEVATIONS
A2.1	BLDG. 1 (13 PLEX) COMPOSITE - EXTERIOR ELEVATIONS
A2.2	BLDG. 1 (13 PLEX) COMPOSITE - BUILDING PLANS
A2.3	BLDG. 1 (13 PLEX) COMPOSITE - BUILDING PLANS
A3.0	BLDG. 2 (9 PLEX) COMPOSITE - EXTERIOR ELEVATIONS
A3.1	BLDG. 2 (9 PLEX) COMPOSITE - BUILDING PLANS
A3.2	BLDG. 2 (9 PLEX) COMPOSITE - BUILDING PLANS
A4.0	BLDG. 3 (5 PLEX) COMPOSITE - EXTERIOR ELEVATIONS
A4.1	BLDG. 3 (5 PLEX) COMPOSITE - BUILDING PLANS
A5.0	BLDG. 4 (6 PLEX) COMPOSITE - EXTERIOR ELEVATIONS
A5.1	BLDG. 4 (6 PLEX) COMPOSITE - BUILDING PLANS
A6.0	PLAN 1&5 - UNIT PLAN
A6.1	PLAN 2&4 - UNIT PLAN
A6.2	PLAN 2ALT - UNIT PLAN
A6.3	PLAN 3 - UNIT PLAN

ktgy

Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

DOWNEY - FOSTER BRIDGE & BLUFF
DOWNEY, CA #2022-0925

Plot Date 05.09.2023
1st Planning Su mittal Set

NTS

SHEET INDEX

A0.1

SITE SUMMARY
APN 6358-015-058
Address 7360 Foster Bridge Blvd
City Downey, CA
County Los Angeles County
oning R-1 6000
General Plan Designation Low Density Residential

R-3-O DEVELOPMENT STANDARDS
Max Density 1815s unit 24 du ac or lots greater than 15,000s
Coverage 50
Max Bldg Height 3 stories 35' max
Set acks
Front Yard 15'
Side Yard 5' 10' i a uts R-1 one
Street Side 7.5'
Rear Yard Min. Set acks
R-1 one - twenty eet 20 or a one 1 story uilding, thirty eet 30 or a two 2 story uilding, and orty-six eet 46 or a three story uilding.

A uts a ully dedicated pu lic alley - no set ack re uired or a one 1 story uilding, ten eet 10 or a two 2 story uilding, and twenty-six eet 26 or a three 3 story uilding.

A uts another R-3 one - ten eet 10 or a one 1 story uilding, i teen eet 15 or a two 2 story uilding, and twenty eet 20 or a three 3 story uilding.

Min Distance Between Bldgs 10'
Min Usa le OS 200s unit min. 15' dim
Parking 2.5 sp unit
Min Parking Dims 10'x20'

State Density Bonus Parking Standards
2 d 1.5 sp unit
3 d 1.5 sp unit
4 d 2.5 sp unit

SITE SUMMARY

Site Area 1.3 ac 55,961s

Units
3 units - Plan 1 1188s - 3 d 3 a, tandem new narrow interlock
2 units - Plan 2alt 1477s - 3 ed 3 a, tandem stand alone 16' plan type
10 units - Plan 2 1477s - 3 ed 3 a, tandem typ. interlock
5 units - Plan 3 1600s - 3 ed 2.5 a lex, sxs 35' deep
10 units - Plan 4 1657s - 3 ed lex 3.5 a, sxs typ. interlock
3 units - Plan 5 1792s - 3 ed lex 3.5 a, sxs new narrow interlock
33 units - Total

Density 25.4 du ac

Parking Provided
66 spaces - Garages
5 spaces - Guest
71 spaces - Total

Open Space Provided See Landscape Dwg. Sheet L-4

ktgy
Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

DOWNEY - FOSTER BRIDGE & BLUFF
DOWNEY, CA # 22-0925

CONCEPTUAL SITE PLAN
March 14, 2023

0 15 30 60

A1.0

MATERIALS LEGEND

1 Stucco
2 Stucco Scalloped Sill Trim
3 Spanish 'S' Roof Tile
4 Stucco Wall Guardrail
5 Recessed Simulated Wood Beam
6 Stucco Recess /Reveal at Windows/Doors
7 Stucco Decorative Foam Eave
8 Stucco Battered Recess
9 Metal Juliet Railing
10 Stucco Finial /Faux Chimney
11 Decoracative Fiberglass Entry Door
12 Vinyl Windows
13 Sloped Stucco Sill
14 Fiber Cement Board Trim & Panel at Bay Window (W.O.)
15 Simulated Wood Corbels
16 Exposed Decorative Truss Tails
17 Stucco Arch
18 Stucco Decorative Foam Corbel
19 Stucco Furring
20 Sectional Metal Garage Door
21 Decorative Exterior Lights & Raised Number Address
22 Metal Utility Door
23 Decorative Stucco/Metal Scupper at Decks

REAR

FRONT

Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

DOWNEY - FOSTER BRIDGE & BLUFF

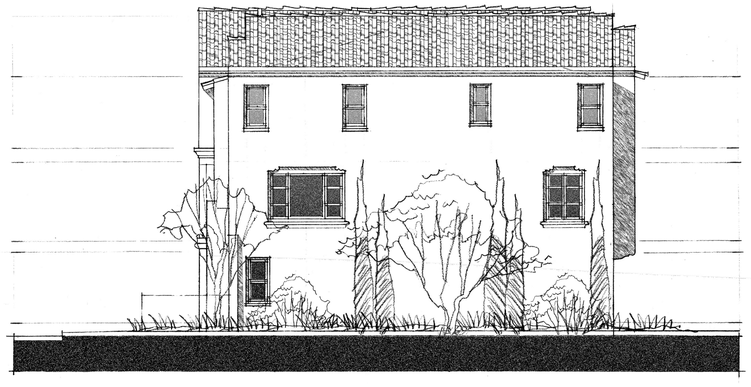
DOWNEY, CA #2022-0925

Plot Date: 05.09.2023
1st Planning Submittal Set:

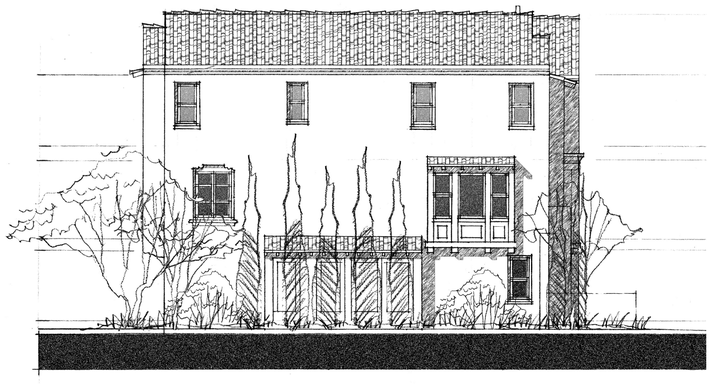
0 4 8 16

BUILDING 1
BUILDING ELEVATION

2.0



RIGHT



LEFT

Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

DOWNEY - FOSTER BRIDGE & BLUFF

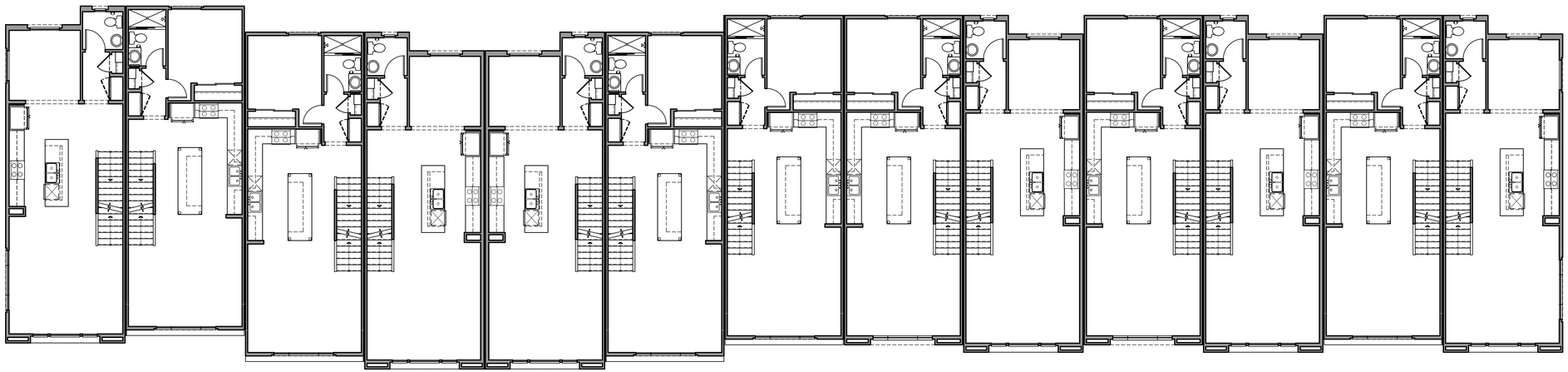
DOWNEY, CA #2022-0925

Plot Date: 05.09.2023
1st Planning Submittal Set:

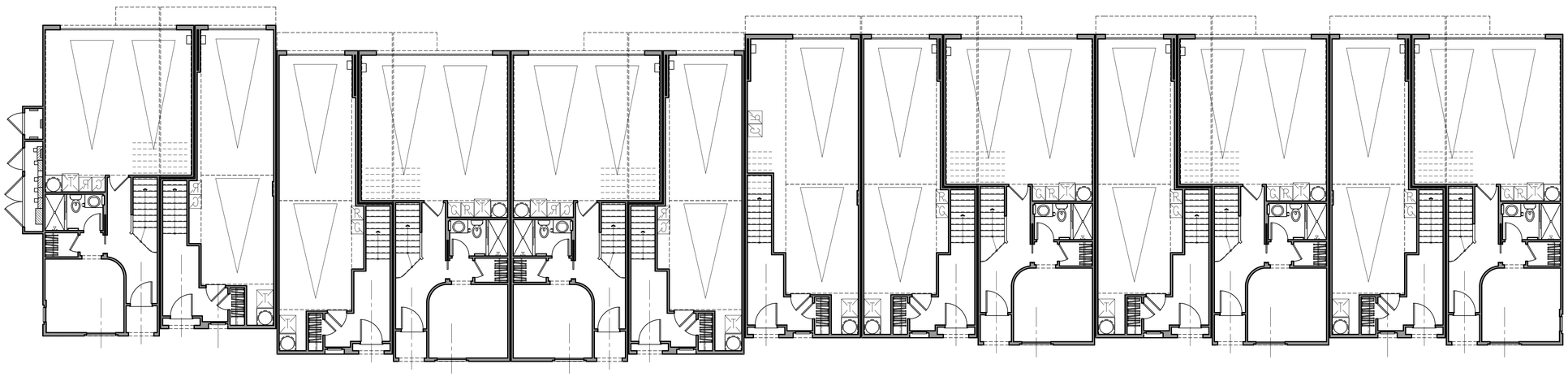
0 4 8 16

BUILDING 1
ELEVATION

2.1



SECOND FLOOR



FIRST FLOOR

ktgy

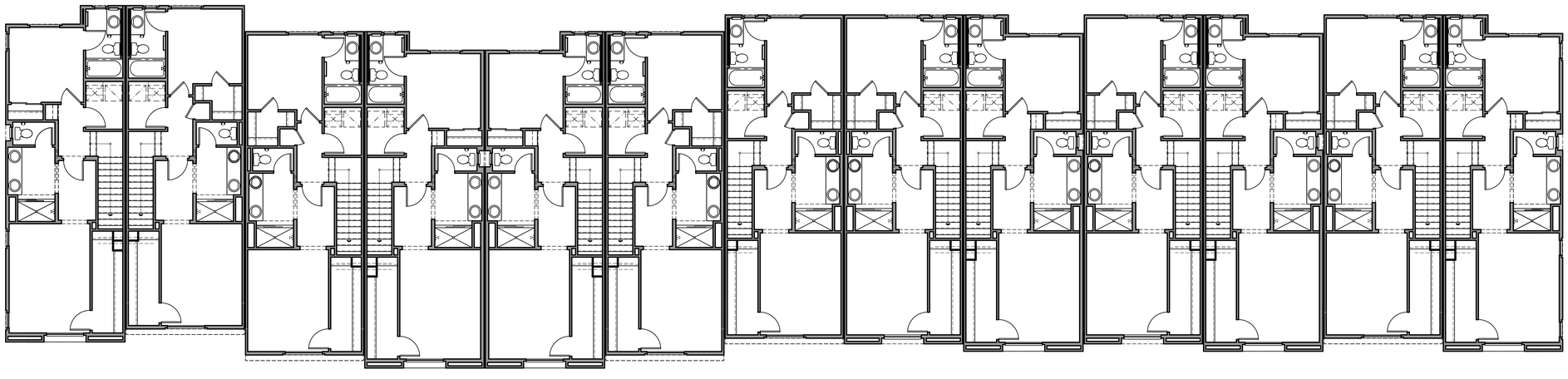
Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

DOWNEY - FOSTER BRIDGE & BLUFF
DOWNEY, CA # 22-0925

0 4 8 16

BUILDING 1
BUILDING PLAN



THIRD FLOOR

Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

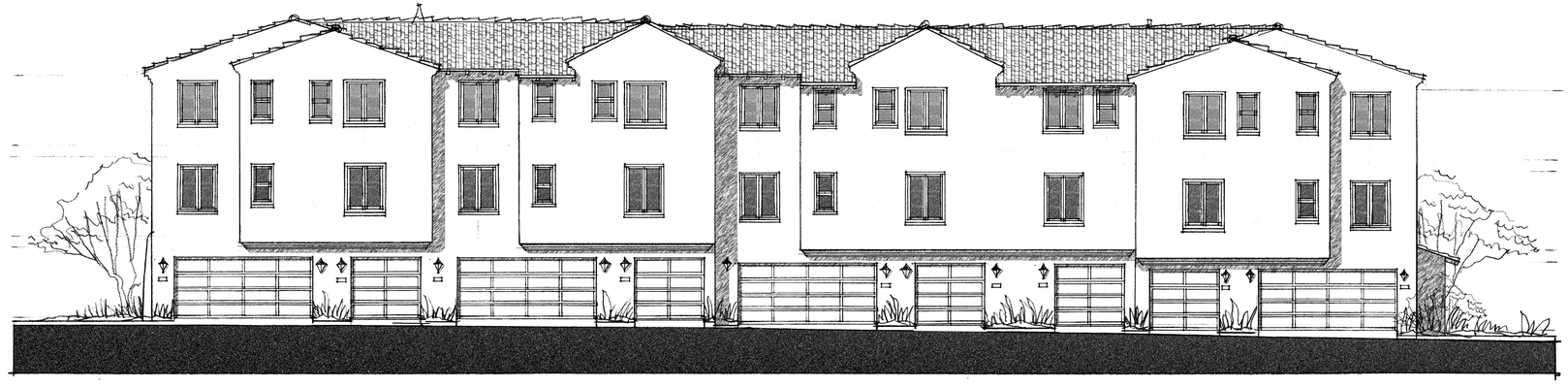
DOWNEY - FOSTER BRIDGE & BLUFF
DOWNEY, CA # 22-0925

0 4 8 16

BUILDING 1
BUILDING PLAN

MATERIALS LEGEND

1. Stucco
2. Stucco Scalloped Sill Trim
3. Spanish 'S' Roof Tile
4. Stucco Wall Guardrail
5. Recessed Simulated Wood Beam
6. Stucco Recess /Reveal at Windows/Doors
7. Stucco Decorative Foam Eave
8. Stucco Battered Recess
9. Metal Juliet Railing
10. Stucco Finial /Faux Chimney
11. Decoractive Fiberglass Entry Door
12. Vinyl Windows
13. Sloped Stucco Sill
14. Fiber Cement Board Trim & Panel at Bay Window (W.O.)
15. Simulated Wood Corbels
16. Exposed Decorative Truss Tails
17. Stucco Arch
18. Stucco Decorative Foam Corbel
19. Stucco Furring
20. Sectional Metal Garage Door
21. Decorative Exterior Lights & Raised Number Address
22. Metal Utility Door
23. Decorative Stucco/Metal Scupper at Decks



REAR

P4R P2R P2 P2 P4R P2 P4R P2 P4

FRONT

ktgy

Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

DOWNEY - FOSTER BRIDGE & BLUFF
DOWNEY, CA #2022-0925

Plot Date: 05.09.2023
1st Planning Submittal Set:

0 4 8 16

BUILDING 2
BUILDING ELEVATION

3.0

RIGHT

LEFT

Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

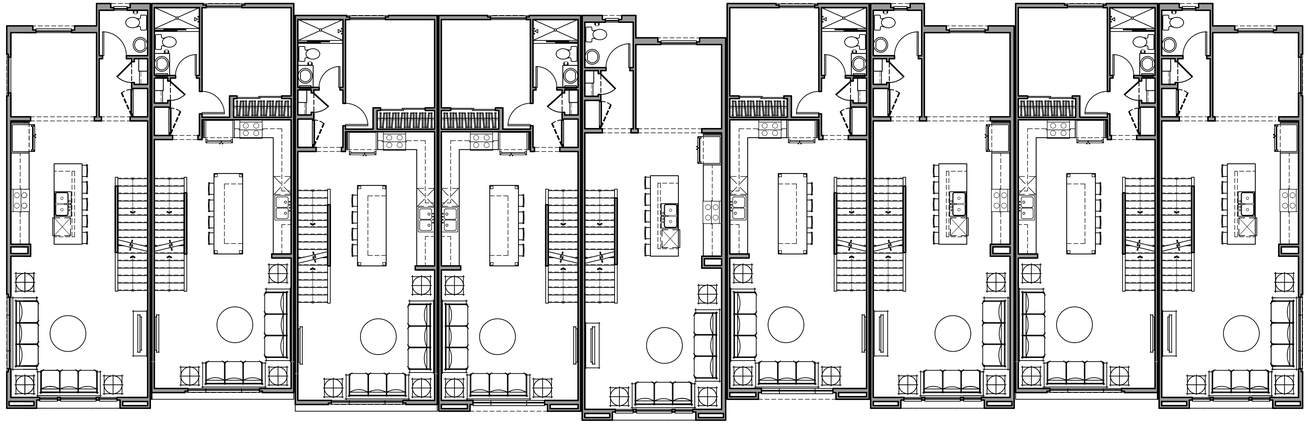
DOWNEY - FOSTER BRIDGE & BLUFF
DOWNEY, CA #2022-0925

Plot Date: 05.09.2023
1st Planning Submittal Set:

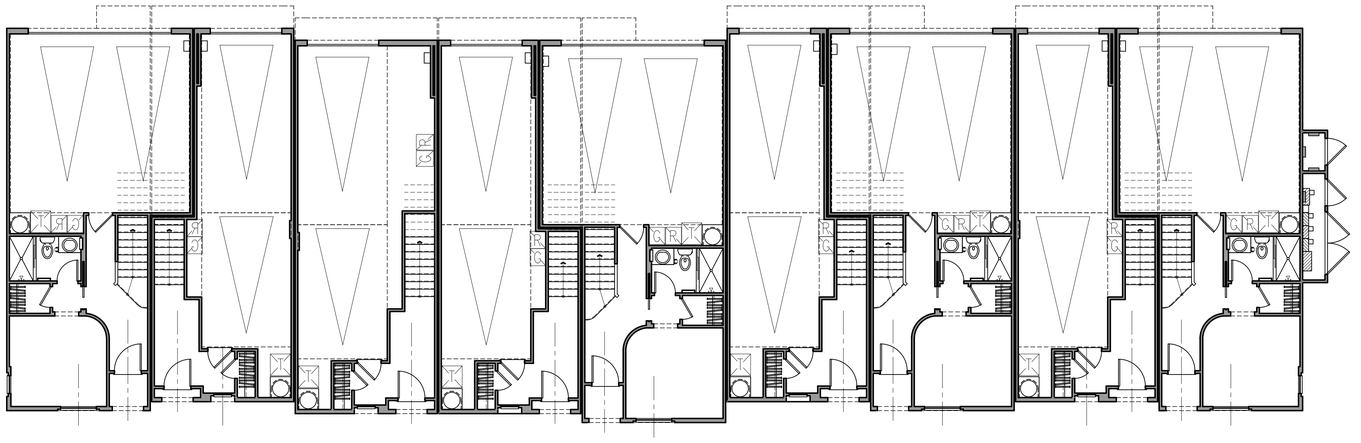
0 4 8 16

BUILDING 2
ELEVATION

3.1



SECOND FLOOR



FIRST FLOOR

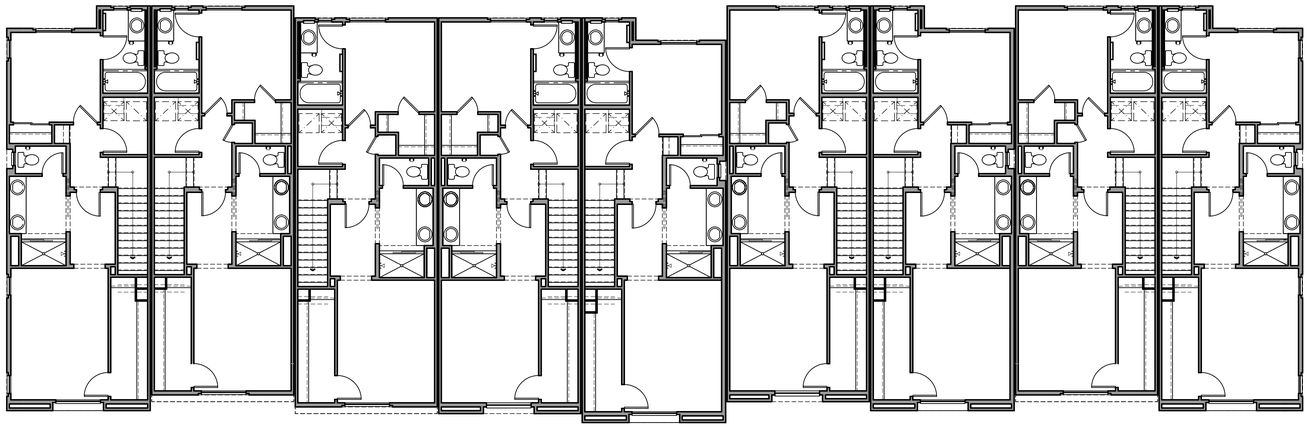
Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

DOWNEY - FOSTER BRIDGE & BLUFF
DOWNEY, CA # 22-0925

0 4 8 16

BUILDING 2
BUILDING PLAN



THIRD FLOOR

Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

DOWNEY - FOSTER BRIDGE & BLUFF
DOWNEY, CA # 22-0925

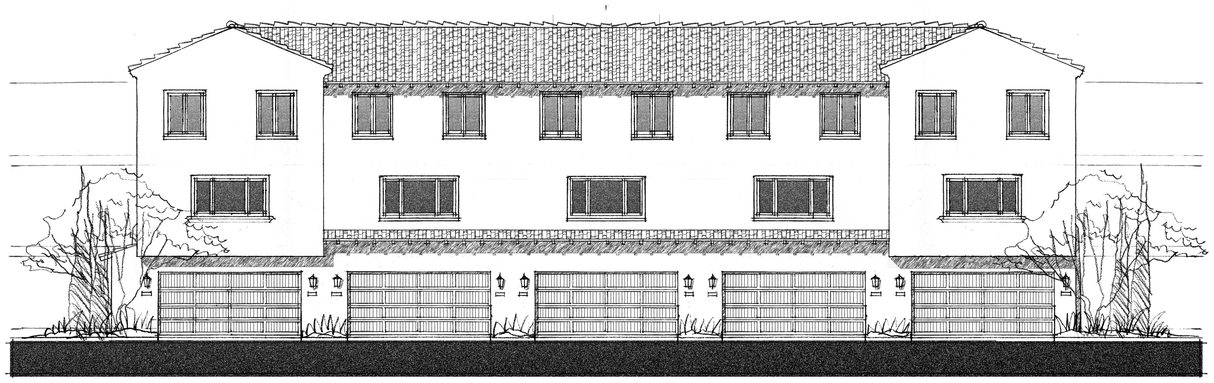
0 4 8 16

BUILDING 2
BUILDING PLAN

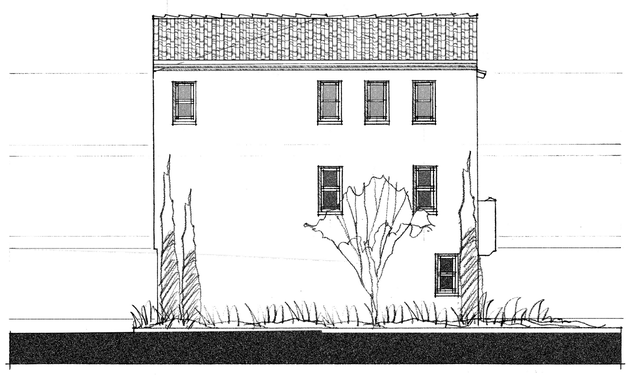
MATERIALS LEGEND

1. Stucco
2. Stucco Scalloped Sill Trim
3. Spanish 'S' Roof Tile
4. Stucco Wall Guardrail
5. Recessed Simulated Wood Beam
6. Stucco Recess /Reveal at Windows/Doors
7. Stucco Decorative Foam Eave
8. Stucco Battered Recess
9. Metal Juliet Railing
10. Stucco Finial /Faux Chimney
11. Decoractive Fiberglass Entry Door
12. Vinyl Windows
13. Sloped Stucco Sill
14. Fiber Cement Board Trim & Panel at Bay Window (W.O.)
15. Simulated Wood Corbels
16. Exposed Decorative Truss Tails
17. Stucco Arch
18. Stucco Decorative Foam Corbel
19. Stucco Furring
20. Sectional Metal Garage Door
21. Decorative Exterior Lights & Raised Number Address
22. Metal Utility Door
23. Decorative Stucco/Metal Scupper at Decks

RIGHT



REAR



LEFT

FRONT

Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

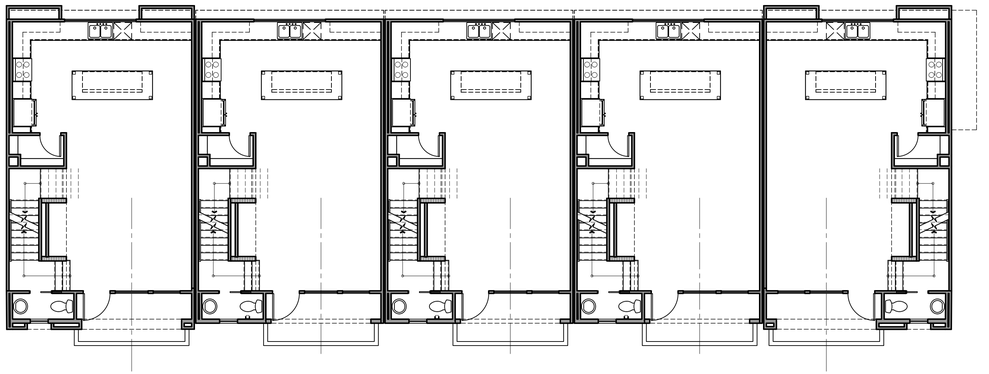
DOWNEY - FOSTER BRIDGE & BLUFF
DOWNEY, CA #2022-0925

Plot Date: 05.09.2023
1st Planning Submittal Set:

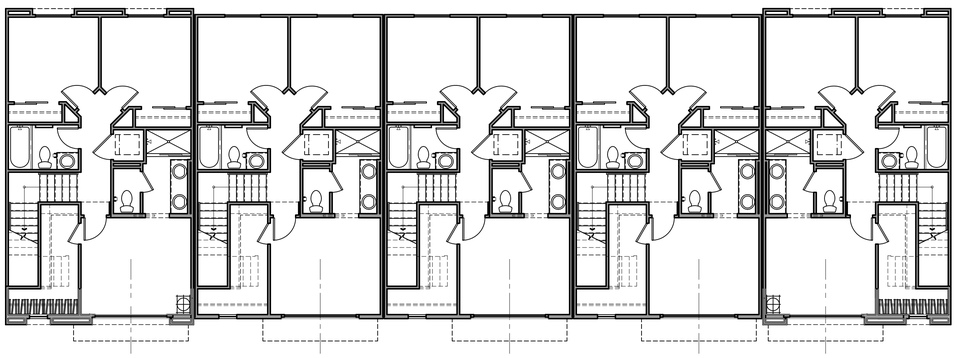
0 4 8 16

BUILDING 3
BUILDING ELEVATION

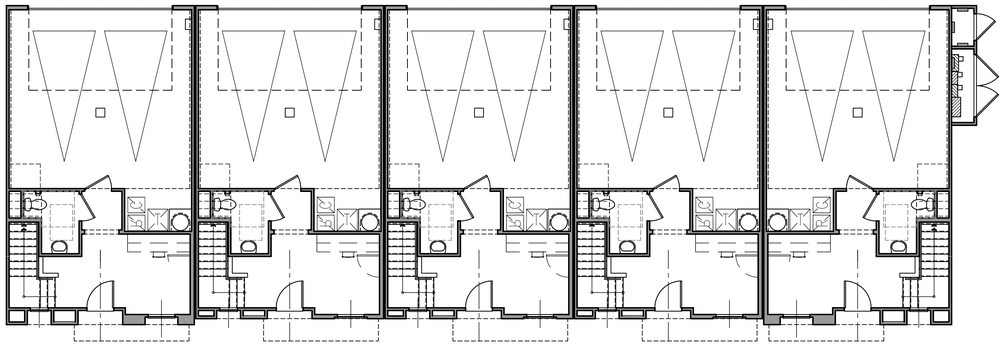
4.0



SECOND FLOOR



THIRD FLOOR



FIRST FLOOR

Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

DOWNEY - FOSTER BRIDGE & BLUFF
DOWNEY, CA # 22-0925

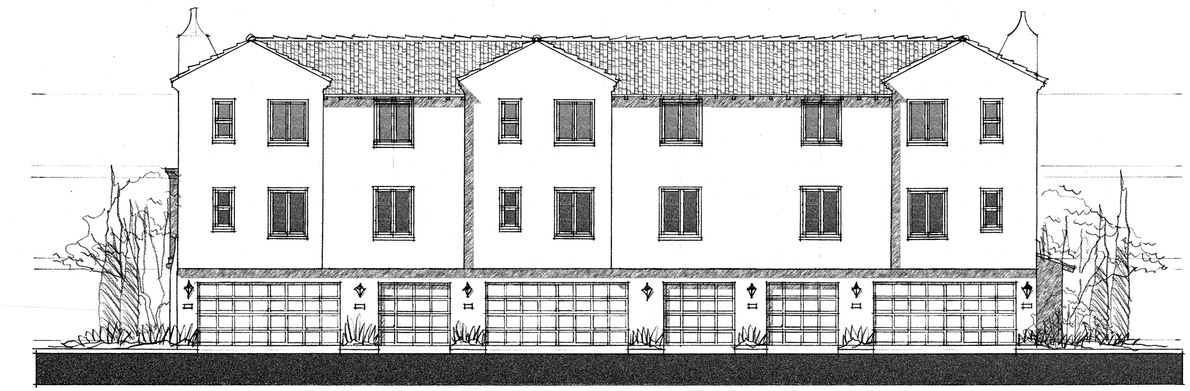
0 4 8 16

BUILDING 3
BUILDING PLAN

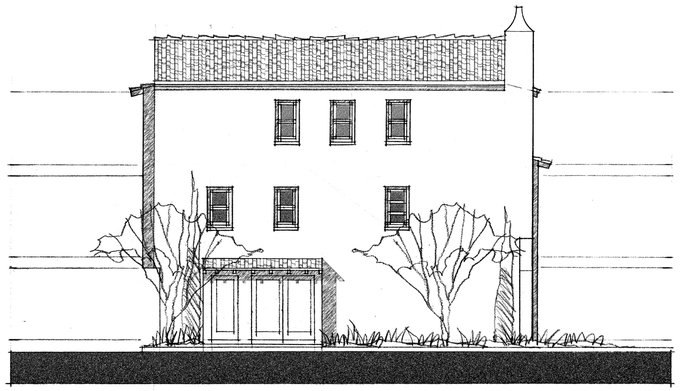
MATERIALS LEGEND

1. Stucco
2. Stucco Scalloped Sill Trim
3. Spanish 'S' Roof Tile
4. Stucco Wall Guardrail
5. Recessed Simulated Wood Beam
6. Stucco Recess /Reveal at Windows/Doors
7. Stucco Decorative Foam Eave
8. Stucco Battered Recess
9. Metal Juliet Railing
10. Stucco Finial /Faux Chimney
11. Decoractive Fiberglass Entry Door
12. Vinyl Windows
13. Sloped Stucco Sill
14. Fiber Cement Board Trim & Panel at Bay Window (W.O.)
15. Simulated Wood Corbels
16. Exposed Decorative Truss Tails
17. Stucco Arch
18. Stucco Decorative Foam Corbel
19. Stucco Furring
20. Sectional Metal Garage Door
21. Decorative Exterior Lights & Raised Number Address
22. Metal Utility Door
23. Decorative Stucco/Metal Scupper at Decks

RIGHT



REAR



LEFT

FRONT

Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

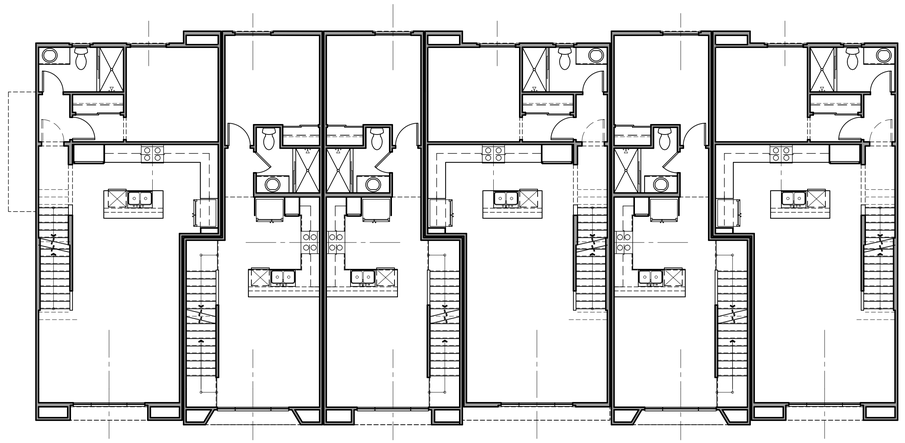
DOWNEY - FOSTER BRIDGE & BLUFF
DOWNEY, CA #2022-0925

Plot Date: 05.09.2023
1st Planning Submittal Set:

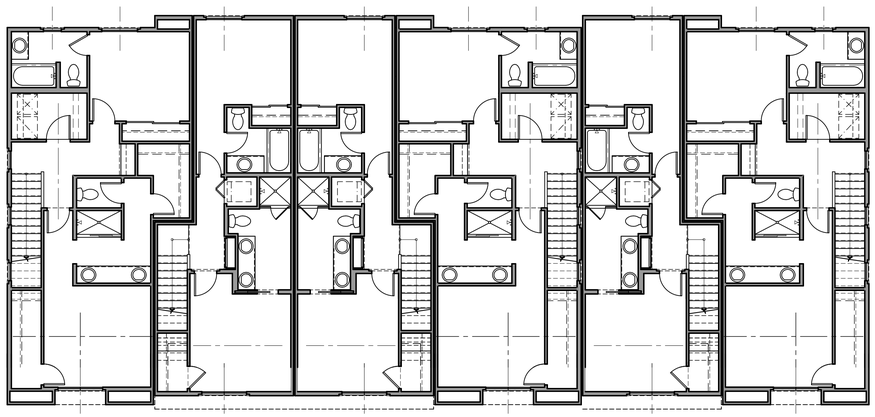
0 4 8 16

BUILDING 4
BUILDING ELEVATION

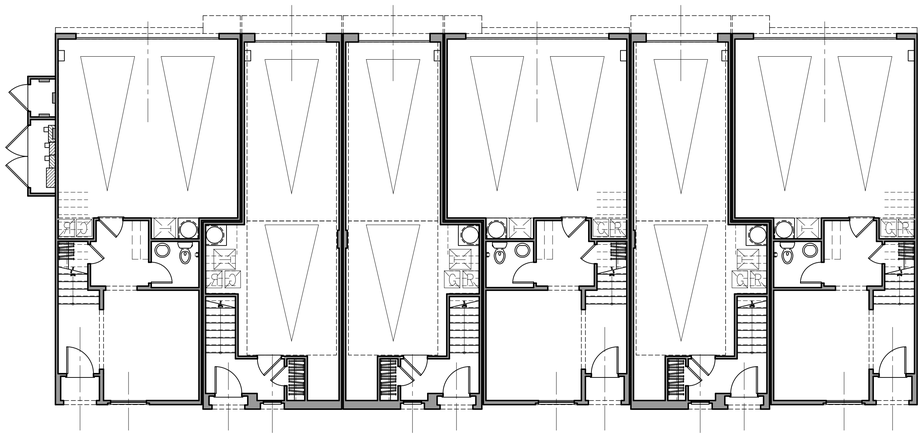
5.0



SECOND FLOOR



THIRD FLOOR



FIRST FLOOR

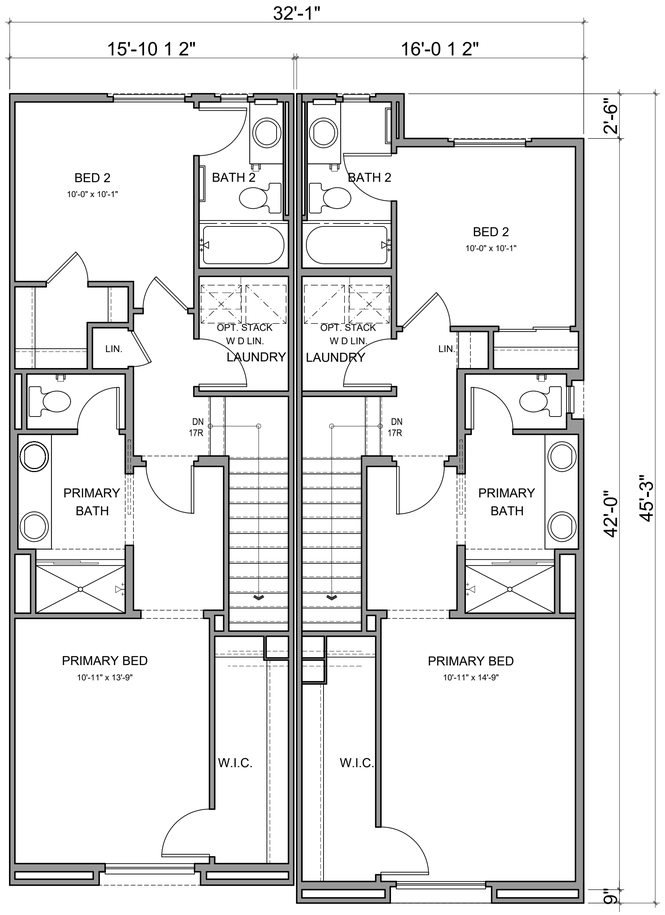
Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

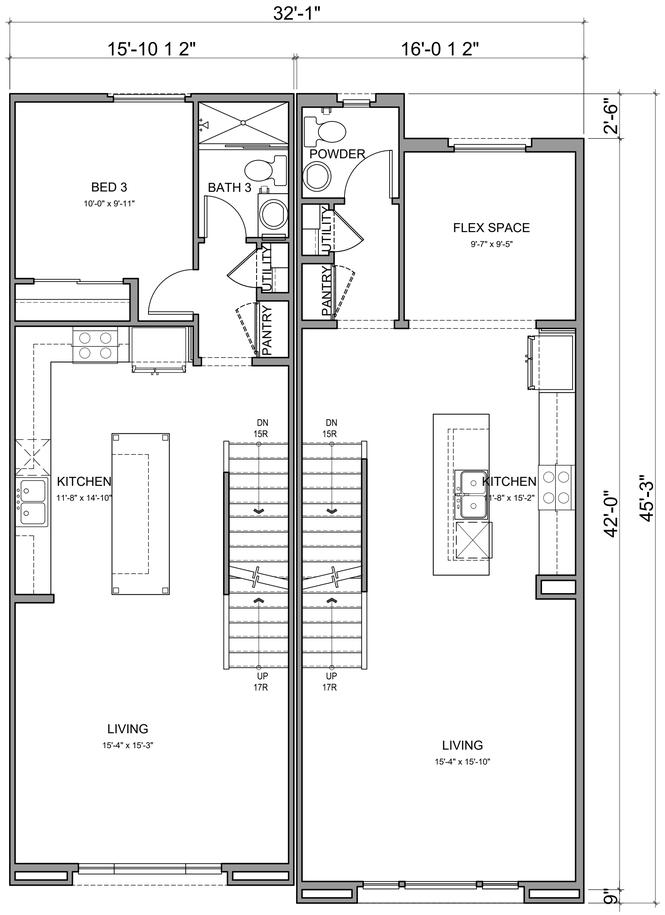
DOWNEY - FOSTER BRIDGE & BLUFF
DOWNEY, CA # 22-0925

0 4 8 16

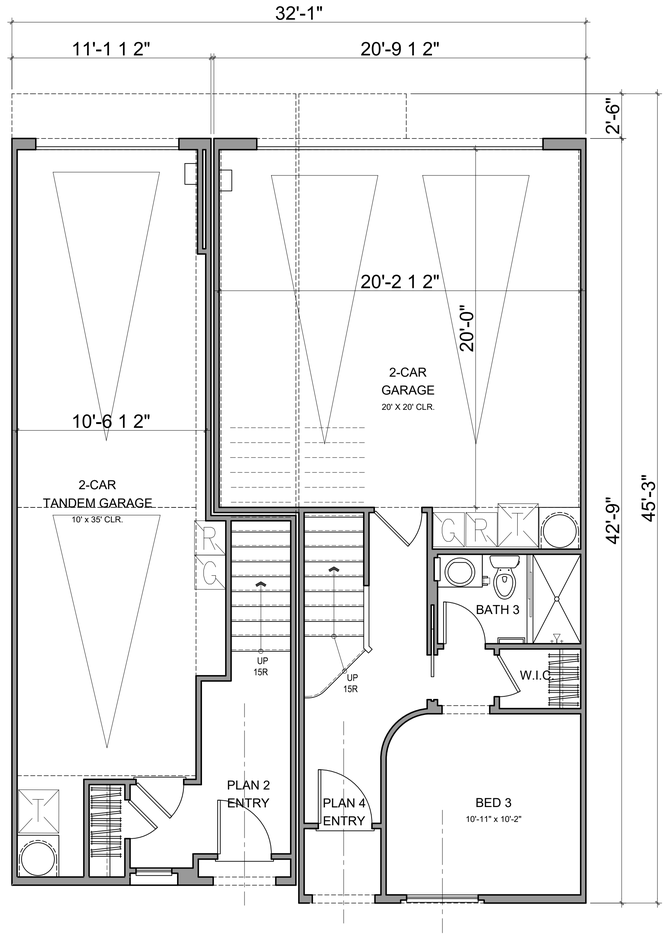
BUILDING 4
BUILDING PLAN



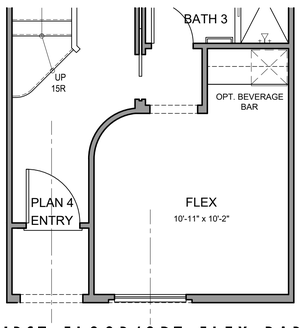
THIRD FLOOR



SECOND FLOOR



FIRST FLOOR



FIRST FLOOR/OPT FLEX BAR

P2 - GROSS AREA		P4 - GROSS AREA	
1ST FLOOR	147 SQ. FT.	1ST FLOOR	331 SQ. FT.
2ND FLOOR	691 SQ. FT.	2ND FLOOR	689 SQ. FT.
3RD FLOOR	640 SQ. FT.	3RD FLOOR	638 SQ. FT.
TOTAL LIVING	1477 SQ. FT.	TOTAL LIVING	1657 SQ. FT.
PORCH	8 SQ. FT.	PORCH	19 SQ. FT.
GARAGE	425 SQ. FT.	GARAGE	450 SQ. FT.

ktgy

Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

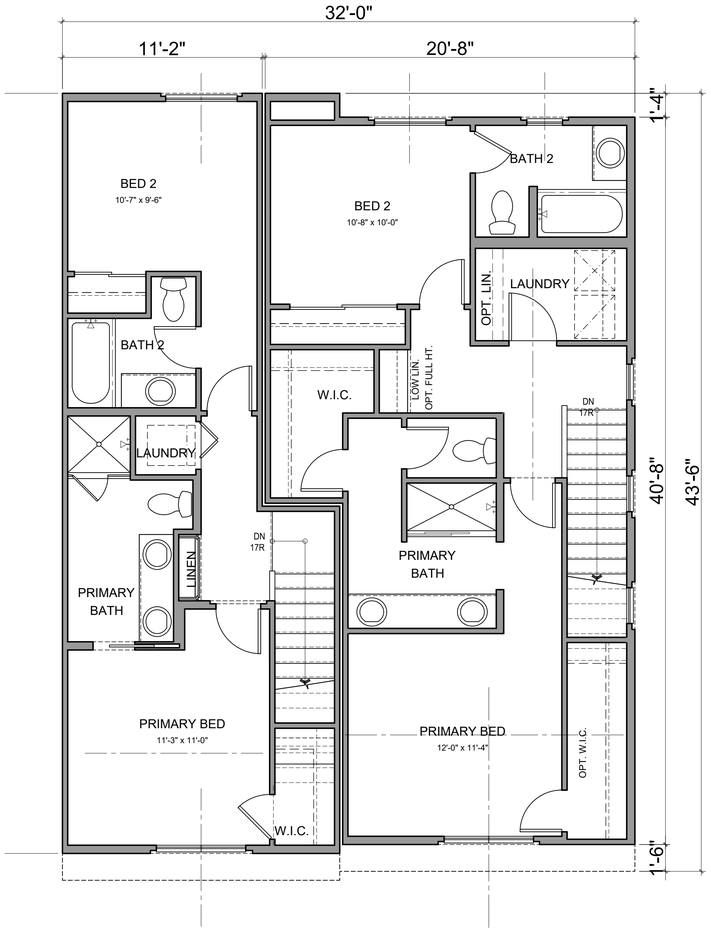
The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

DOWNEY - FOSTER BRIDGE & BLUFF
DOWNEY, CA # 22-0925

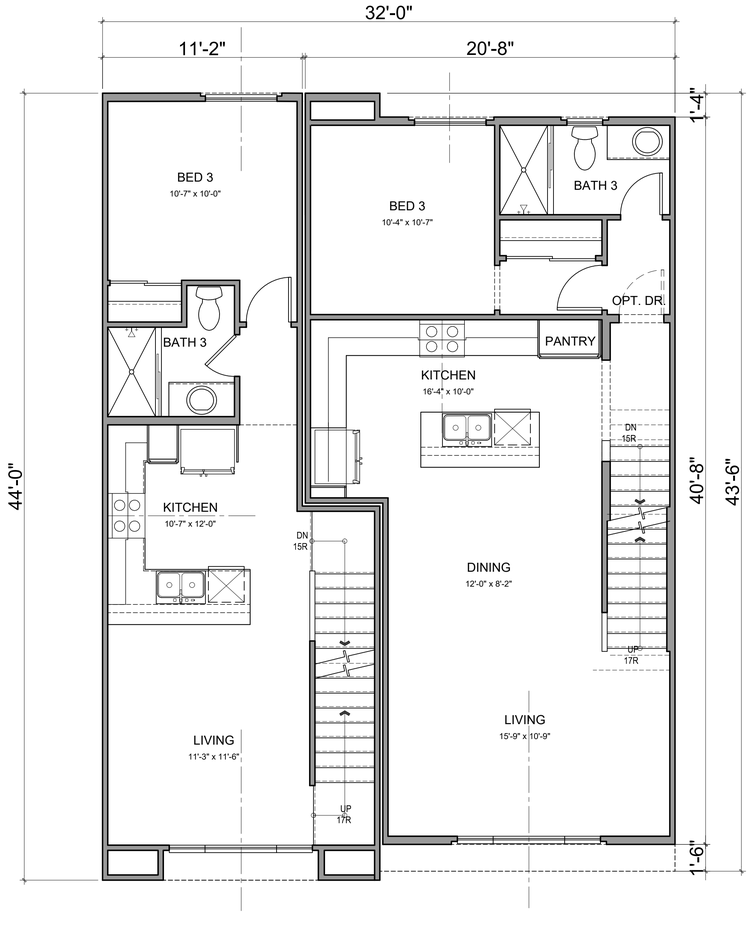
0 2 4 8

PLAN 2 4

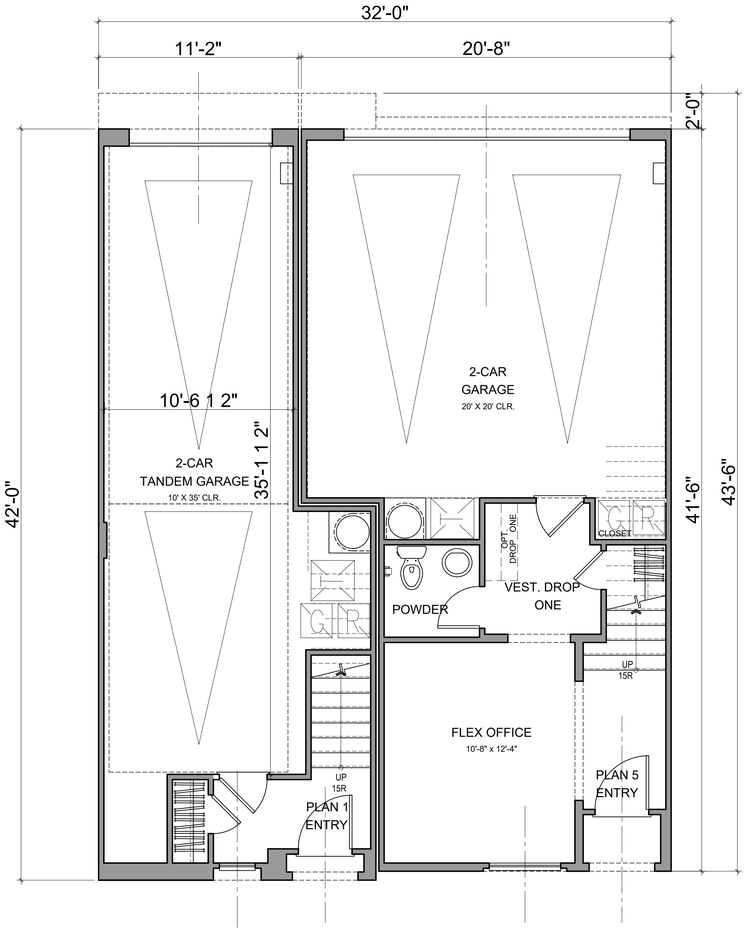
A6.1



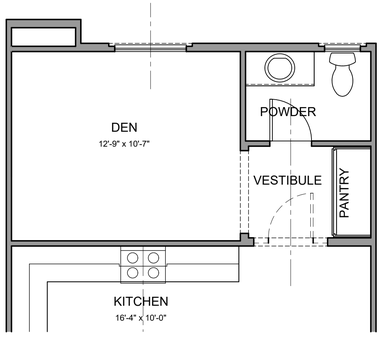
THIRD FLOOR



SECOND FLOOR



FIRST FLOOR



SECOND FLOOR - DEN OPTION

P1 - GROSS AREA		P5 - GROSS AREA	
1ST FLOOR	116 SQ. FT.	1ST FLOOR	324 SQ. FT.
2ND FLOOR	558 SQ. FT.	2ND FLOOR	758 SQ. FT.
3RD FLOOR	514 SQ. FT.	3RD FLOOR	710 SQ. FT.
TOTAL LIVING	1188 SQ. FT.	TOTAL LIVING	1792 SQ. FT.
GARAGE	460 SQ. FT.	PORCH	16 SQ. FT.
		GARAGE	451 SQ. FT.

Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

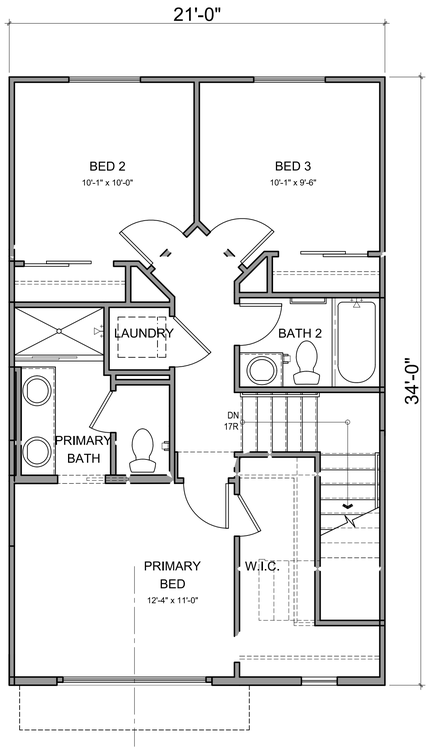
The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

DOWNEY - FOSTER BRIDGE & BLUFF
DOWNEY, CA # 22-0925

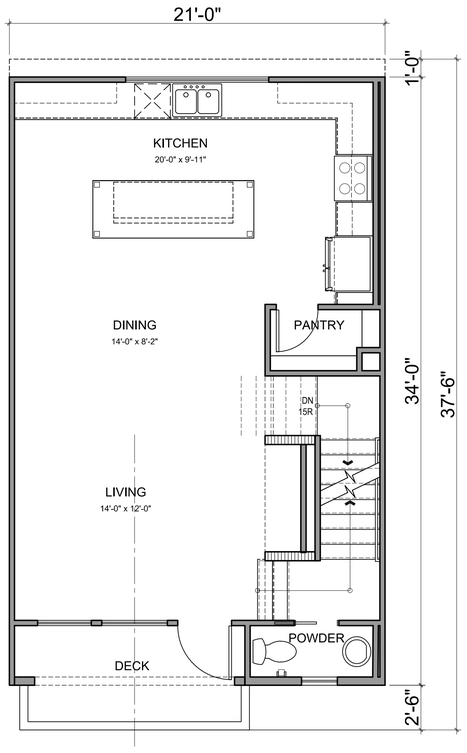
0 2 4 8

PLAN 1 5

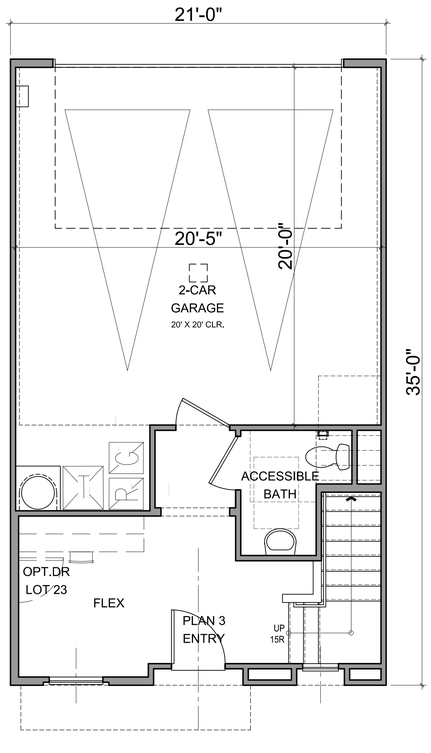
6.0



THIRD FLOOR



SECOND FLOOR



FIRST FLOOR

P3 - GROSS AREA	
1ST FLOOR	276 SQ. FT.
2ND FLOOR	670 SQ. FT.
3RD FLOOR	653 SQ. FT.
TOTAL LIVING	1600 SQ. FT.
GARAGE	467 SQ. FT.
DECK	76 SQ. FT.

Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

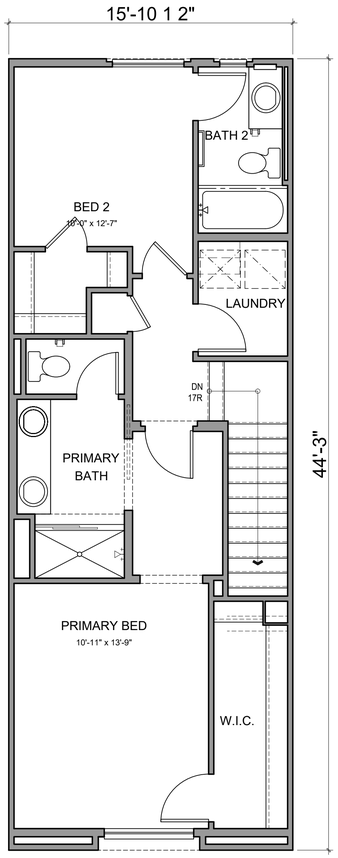
The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

DOWNEY - FOSTER BRIDGE & BLUFF
DOWNEY, CA # 22-0925

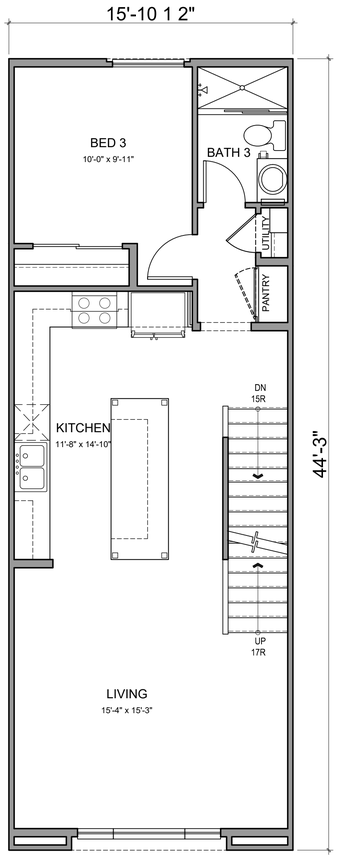
0 2 4 8

PLAN 3

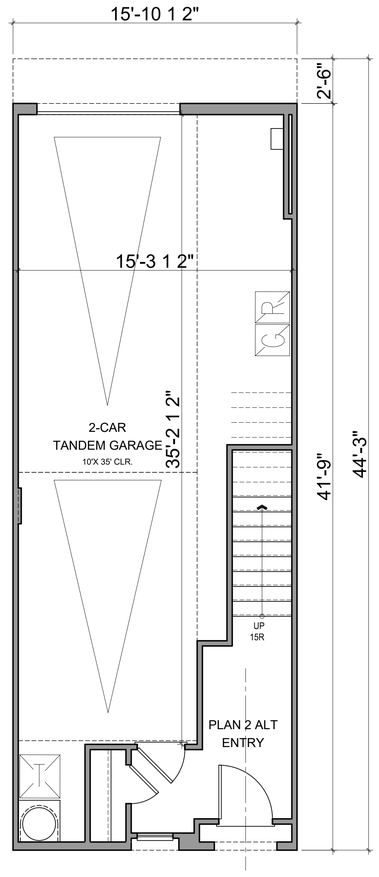
A6.3



THIRD FLOOR



SECOND FLOOR



FIRST FLOOR

P2ALT - GROSS AREA	
1ST FLOOR	147 SQ. FT.
2ND FLOOR	691 SQ. FT.
3RD FLOOR	640 SQ. FT.
TOTAL LIVING	1477 SQ. FT.
DECK	8 SQ. FT.
GARAGE	517 SQ. FT.

ktgy
Architecture + Planning
17911 Von Karman Ave,
Suite 200
Irvine, CA 92614
949.851.2133
ktgy.com

The Olson Company
3010 Old Ranch Parkway, Suite 100
Seal Beach, CA 90704

DOWNEY - FOSTER BRIDGE & BLUFF
DOWNEY, CA # 22-0925

0 2 4 8

PLAN 2 ALT

A6.2

Olson – Downey

Plant Palette

		PROPOSED PLANT SIZING:
Trees		
Cupressus sempervirens	Italian Cypress	MIN. 15 GAL.
Geijera parviflora	Australian Willow	MOST 24" BOX
Koelreuteria spp.	Chinese lantern tree	MAX. 36" BOX
Lagerstroemia x 'Natchez'	Crape Myrtle	
Magnolia grandiflora	Southern Magnolia	
Melaleuca quinquenervia	Paperbark Melaleuca	
Olea europaea	European Olive	
Platanus racemose	California Sycamore	
Prunus cerasifera 'Krauter Vesuvius'	Purple Leaf Plum	
Rhus lancea	African Sumac	
Tristania conferta	Brisbane Box	
Shrubs		
Agave desmettiana ' Variegata'	Variegated Smooth Agave	70% 1 GAL.
Agave x 'Blue Glow'	Blue Glow Agave	30% 5 GAL.
Bougainvillea x 'Barbara Karst'	Barbara Karst Bougainvillea	
Dianella revoluta 'DR5000'	Little Rev Flax Lily	
Dianella revoluta ' DTN03' TM	Baby Bliss Flax Lily	
Lantana montevidensis	Trailing Lantana	
Lavandula stoechas	Spanish Lavender	
Rosa x 'Iceberg'	Iceburg White Rose	
Rosa x 'Noare'	Red Carpet Rose	
Salvia x 'Bee's Bliss'	Bee's Bliss Sage	
Tecoma stans 'Esperanza'	Bells of Fire Yellow Bells	
Westringa fruticose 'Blue Gen'	Coast Rosemary	
Xylosma congestum ' Compacta'	Compact Xylosma	
Yucca filamentosa ' Color Guard'	Color Guard Adam's Needle	
Groundcover		
Festuca idahoensis 'Siskiyou Blue'	Siskiyou Blue Fescue	FLATS
Turf Marathon III	Marathon III	4" FLAT
		1 GAL.

IRRIGATION: WALL MOUNT AUTOMATIC SMART CONTROLLER W/ SENSOR.

TOTAL PLANTING AREA: 7,772 S.F.

PROFESSIONAL DESIGN ASSOCIATES
Landscape Architect
1793 W. Arrow Highway
Upland, California 91786-4297
(909) 949-6159 / fax (909) 985-3405

THE OLSON COMPANY

FOSTER BRIDGE
DOWNEY, CA
MAY, 10th, 2023

CONCEPTUAL LANDSCAPE PLAN

0 10 20 40
Scale: 1" = 20'-0"

L.I

OPEN SPACE AREA CALCULATIONS:

USABLE OPEN (COMMON) SPACE	- MIN. 15' DIM
USABLE PRIVATE PATIO OPEN SPACE	- MIN. 10' DIM
33 UNITS @ 200 SQFT / UNIT =	6,600 S.F.
TOTAL OPEN SPACE REQUIRED	6,600 S.F.

COMMON SPACE PROVIDED

AREA DESCRIPTION	SQUARE FOOT TOTAL
OPEN SPACE "A"	= 192 S.F.
OPEN SPACE "B"	= 2,377 S.F.
COMMON OPEN SPACE PROVIDED	= 2,569 S.F.

PRIVATE SPACE AREA	SQUARE FOOT TOTAL
PRIVATE UNCOVERED PATIOS & YARDS	= 3,653 S.F.
PRIVATE COVERED FRONT PORCHES	= 356 S.F.
PRIVATE UNCOVERED DECKS	= 160 S.F.
PRIVATE COVERED DECKS	= 220 S.F.
PRIVATE OPEN SPACE PROVIDED	= 4,389 S.F.
COMMON OPEN SPACE PROVIDED	= 2,569 S.F.
PRIVATE OPEN SPACE PROVIDED	= 4,389 S.F.
TOTAL OPEN SPACE PROVIDED	= 6,958 S.F.

OPEN SPACE LEGEND:

SYMBOL	DESCRIPTION
	PUBLIC OPEN SPACE AREAS
	UNCOVERED PRIVATE PATIO / YARD SPACES
	COVERED PRIVATE FRONT PORCH SPACE PER ARCHITECTURE
	UNCOVERED PRIVATE DECKS (5)
	COVERED PRIVATE DECKS (5)

TRASH LEGEND:

SYMBOL	DESCRIPTION
T	TRASH CAN STORAGE LOCATION DURING WEEK
R	RECYCLE CAN STORAGE LOCATION DURING WEEK
	ROUTE OF CANS FROM STORAGE TO CURB ON TRASH DAY
	TRASH CAN LOCATION ON PICKUP DAY
	TRASH TRUCK ROUTE ON TRASH DAY

NOTE:

GREEN WASTE TO BE COLLECTED BY HOA LANDSCAPER AND COMPOSTED AT A LOCAL CENTRAL GREEN WASTE FACILITY.

OPEN SPACE PLAN

TRASH PICKUP PLAN

PROFESSIONAL DESIGN ASSOCIATES
Landscape Architect
1793 W. Arrow Highway
Upland, California 91786-4297
(909) 949-6159 / fax (909) 985-3405

THE OLSON COMPANY

FOSTER BRIDGE

DOWNEY, CA
MAY, 10th, 2023

OPEN SPACE & TRASH PICKUP PLANS

Scale: 1" = 20'-0"

L.4

WALL & FENCE LEGEND

NUMBER	SYMBOL	DESCRIPTION
1		6' HIGH PERIMETER BLOCK WALL AS MEASURED FROM HIGHEST ADJACENT GRADE WITH STUCCO TREATMENT ON INSIDE. PILASTERS WHERE INDICATED ON PLAN. RETAINING AS REQUIRED PER CIVIL. REFER TO PLANS FOR NOTES FOR HEIGHT ALONG EACH PERIMETER PROPERTY LINE WHEN INDICATED.
2		42" HIGH STUCCO BLOCK WALL WITH DECORATIVE CAP. GATES AS SHOWN PER PLAN FOR PRIVATE PATIOS.
3	CALLOUT ON PLAN	COMMUNITY ENTRY VEHICLE & PEDESTRIAN GATE.
4	CALLOUT ON PLAN	EMERGENCY ONLY ENTRY GATE, NORMALLY CLOSED.
5		30" HIGH MAX. COMMUNITY ENTRY SIGN MONUMENT WITH NIGHT LIGHT, MEDIUM SIZE BOULDERS AS SHOWN PER PLAN.

PROFESSIONAL DESIGN ASSOCIATES
Landscape Architect
1793 W. Arrow Highway
Upland, California 91786-4297
(909) 949-6159 / fax (909) 985-3405

THE OLSON COMPANY

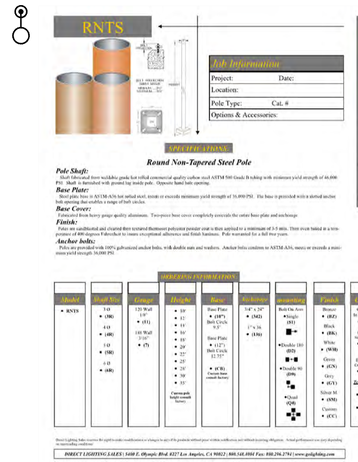
FOSTER BRIDGE

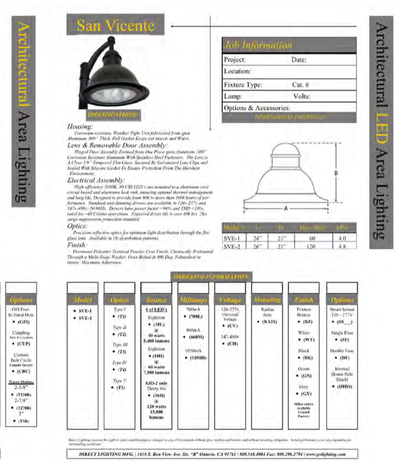
DOWNEY, CA
MAY, 10th, 2023

WALL & FENCE PLAN

0 10 20 40
Scale: 1" = 20'-0"

L.5





SYMBOL	QUANTITY	MANUFACTURER MODEL COLOR	DESCRIPTION
	18	KICHLER 16019AZT27 or equal	12 VOLT UPLIGHT AT TREE
	1	KICHLER 16026AZT27 or equal	12 VOLT FLOOD LIGHT AT MONUMENT
	2	MAXIM NASSAU VIVEX 40314CLBK or equal	120 VOLT WALL MOUNT LIGHT ON PILASTERS AT VEHICULAR & PEDESTRAIN GATES.
	4	SAN VICENTE SVE-1-T4-18H-1050H-UV-RA21-BZ, RNTS-4R-11-16-10-324-BZ or equal	120 VOLT ARCHITECTURAL LED AREA LIGHTING POLE LIGHTS AND POLES, TO ILLUMINATE INTERIOR SPACES, SAFETY LIGHTING.

PROFESSIONAL DESIGN ASSOCIATES
Landscape Architect
1793 W. Arrow Highway
Upland, California 91786-4297
(909) 949-6159 / fax (909) 985-3405

THE OLSON COMPANY

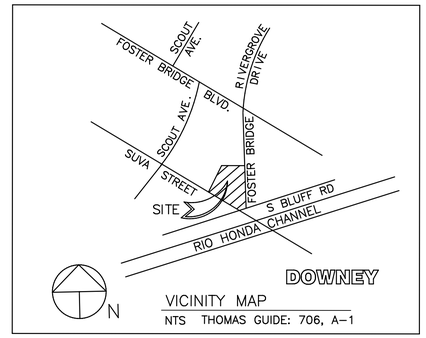
FOSTER BRIDGE
DOWNEY, CA
MAY, 10th, 2023

CONCEPTUAL EXTERIOR LIGHTING

0 10 20 40
Scale: 1" = 20'-0"

L.9

TENTATIVE TRACT No. 84168
A VESTING TENTATIVE TRACT MAP
FOR CONDOMINIUM PURPOSES



VICINITY MAP
NTS THOMAS GUIDE: 706, A-1

LEGAL DESCRIPTION:

FIRST AMERICAN TITLE COMPANY
ORDER NUMBER: OSA-6878682 (2)

Real property in the City of Downey, County of Los Angeles, State of California, described as follows:

THAT PORTION OF THE RANCHO SANTA GERTRUDES, CONVEYED BY DEED RECORDED IN BOOK 2282 PAGE 196 OF DEEDS, AND ALSO THE MOST WESTERLY PORTION OF THE LAND CONVEYED TO JOHN G. DOWNEY AND JAMES MACFARLAND TO JOHN MCELRATH BY DEED RECORDED IN BOOK 18 PAGE 609 OF DEEDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, IN THE CITY OF DOWNEY, IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, THAT LIES WESTERLY OF THE COUNTY ROAD AND BEING FURTHER DESCRIBED AS FOLLOWS:

BEGINNING AT AN ANGLE POINT IN THE CENTER LINE OF THE COUNTY ROAD, AS SHOWN ON COUNTY SURVEYOR'S MAP NO. 7286 MARKED STATION 31-97-7/10 ON SAID MAP; THENCE ALONG SAID CENTER LINE NORTH 2° 00' 40" WEST 720.06 FEET TO AN ANGLE POINT IN SAID ROAD; THENCE NORTH 57° 53' 10" WEST ALONG SAID CENTER LINE 100 FEET; THENCE SOUTH 15° 30' 58" WEST ALONG THE WESTERLY LINE OF THE LAND CONVEYED BY DEED RECORDED IN BOOK 2282 PAGE 196 OF DEEDS, 645.49 FEET TO THE MOST WESTERLY CORNER OF THE LAND CONVEYED TO SAID MCELRATH; THENCE ALONG THE SOUTHWESTERLY LINE OF THE LAND CONVEYED TO SAID MCELRATH, SOUTH 58° 20' 10" EAST 333.08 FEET; THENCE NORTH 2° 00' 40" WEST 24.03 FEET TO THE POINT OF BEGINNING.

EXCEPT THEREFROM SAID LAND THAT PORTION THEREOF CONVEYED TO THE COUNTY OF LOS ANGELES BY DEED RECORDED IN BOOK 143 PAGE 91 OF DEEDS, AND ANY PORTION THEREOF INCLUDED WITHIN THE LAND CONVEYED TO SAID COUNTY, BY DEED RECORDED IN BOOK 16 PAGE 74 OF DEEDS.

ALSO EXCEPT THAT PORTION OF SAID LAND LYING NORTHWESTERLY OF THE FOLLOWING DESCRIBED LINE:

BEGINNING AT THE NORTHWESTERLY TERMINUS OF THE CENTER LINE OF THAT STRIP OF LAND, 40 FEET WIDE, DESCRIBED IN DEED TO COUNTY OF LOS ANGELES RECORDED IN BOOK 143 PAGE 91 OF DEEDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, THENCE SOUTH 25° 19' 43" WEST 622.19 FEET TO THE MOST NORTHERLY CORNER OF TRACT NO. 3327, AS SHOWN ON MAP RECORDED IN BOOK 36 PAGE 38 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, AS CONDEMNED FOR FLOOD CONTROL CHANNEL BY FINAL DECREE OF CONDEMNATION ENTERED IN CASE NO. 590754, SUPERIOR COURT.

ALSO EXCEPT THAT PORTION OF SAID LAND LYING NORTHERLY OF A LINE, DESCRIBED AS FOLLOWS:

BEGINNING AT AN ANGLE POINT IN THE CENTER LINE OF THE COUNTY ROAD AS SHOWN ON COUNTY SURVEYOR'S MAP NO. 7286 MARKED STATION 31-97-7/10 ON SAID MAP; THENCE ALONG SAID CENTER LINE NORTH 2° 00' 40" WEST 350.85 FEET TO THE TRUE POINT OF BEGINNING; THENCE NORTH 79° 25' 35" WEST TO THE NORTHWESTERLY LINE OF SAID LAND.

EXCEPTING THEREFROM THAT PORTION OF LAND CONVEYED TO SHIKA, INC. IN GRANT DEED RECORDED JULY 16, 1979 AS INSTRUMENT NO. 1979-774544 IN THE OFFICE OF THE COUNTY RECORDER.

EXISTING EASEMENTS:

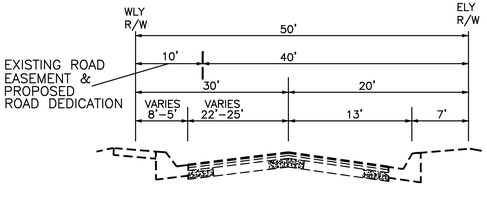
3 An easement for Pipe Lines and incidental purposes, recorded in Book 6559 of Deeds, Page 298.
In Favor of: San Antonio Irrigation Company
Affects: as described therein
The location of the easement cannot be determined from record information.

4 An easement for Public Road and Highway Purposes and incidental purposes, recorded as Book 37685, Page 200 of Official Records.
In Favor of: County of Los Angeles
Affects: as described therein

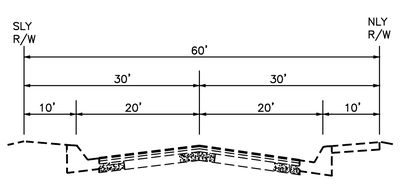
5 An easement for Public Road and Highway Purposes and incidental purposes, recorded April 13, 1953 as Book 41461, Page 175 of Official Records.
In Favor of: County of Los Angeles
Affects: as described therein

6 An easement for Public Road and Highway Purposes and incidental purposes, recorded May 14, 1969 as Book D-4369, Page 126 of Official Records.
In Favor of: City of Downey
Affects: as described therein

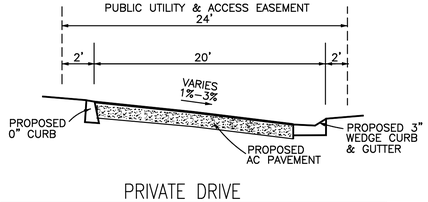
7 An easement shown or dedicated on the Assessor Map.
For: SLOPE and incidental purposes.



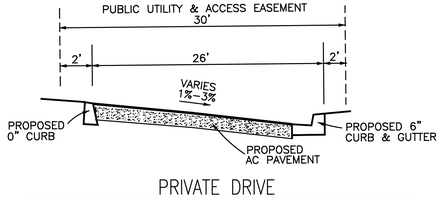
FOSTER BRIDGE BLVD.
N.T.S.
SECTION A-A



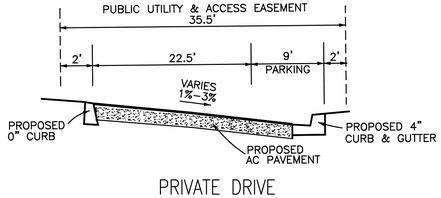
SUVA STREET
N.T.S.
SECTION B-B



PRIVATE DRIVE
N.T.S.
SECTION C-C



PRIVATE DRIVE
N.T.S.
SECTION D-D



PRIVATE DRIVE
N.T.S.
SECTION E-E

GENERAL NOTES

1. EXISTING LAND USE: CHURCH
2. PROPOSED LAND USE: 33 MULTI-FAMILY RESIDENTIAL CONDOMINIUMS.
3. EXISITING GENERAL PLAN: LOW DENSITY RESIDENTIAL
4. PROPOSED GENERAL PLAN: MEDIUM DENSITY RESIDENTIAL
5. EXISTING ZONING: R-1 6000
6. PROPOSED ZONING: R-3-0
7. WATER SERVICE PROVIDED BY: CITY OF DOWNEY.
8. SEWER SERVICE PROVIDED BY: CITY OF DOWNEY.
9. ALL PROPOSED UTILITIES ARE TO BE UNDERGROUND (OTHER THAN FOR TEMPORARY CONSTRUCTION PURPOSES AND EXISTING POLE LINES).
10. ELECTRIC SERVICE PROVIDED BY: SOUTHERN CALIFORNIA EDISON.
11. GAS SERVICE PROVIDED BY: NONE
12. TELEPHONE SERVICE PROVIDED BY: VERIZON.
13. CABLE TELEVISION PROVIDED BY: TIME WARNER.
14. PROJECT IS WITHIN THE DOWNEY UNIFIED SCHOOL DISTRICT.
15. STREET IMPROVEMENTS SHOWN HEREON SHALL MEET THE REQUIREMENTS OF THE CITY OF DOWNEY.
16. ALL LOTS SHALL BE HOMEOWNER OR HOMEOWNER ASSOCIATION MAINTAINED.
17. PROPERTY IS LOCATED WITHIN FLOOD ZONE "X", (AREAS OF MINIMAL HAZARD), PER FIRM MAP NUMBER 06037C1810F, EFFECTIVE DATE SEPTEMBER 26, 2008.
18. ASSESSOR'S PARCEL NUMBERS: 6358-015-058
19. PARKING PROVIDED: 66 ENCLOSED (2 PER UNIT IN GARAGE)
5 GUEST
71 TOTAL

DENSITY CALCULATIONS:

PROPOSED CONDMINIUMS:	33 UNITS
NET LOT AREA:	1.22 AC
PROPOSED DENSITY:	27.1 DU/AC

PROPOSED LOT AREA:

GROSS AREA =	56,029 SF	= 1.29 AC
FOSTER BRIDGE BLVD. ROAD DEDICATION =	2,755 SF	= 0.07 AC
NET AREA =	53,274 SF	= 1.22 AC
LOT 1 =	53,274 SF	= 1.22 AC

PROPERTY ADDRESS:

7360 FOSTER BRIDGE BOULEVARD
DOWNEY, CA 90240

DEVELOPER:

THE OLSON COMPANY
3020 OLD RANCH PARKWAY, SUITE 100
SEAL BEACH, CALIFORNIA 90740-2750
(562) 596-4770
ATTENTION: MR. STEVE ARMANINO

PREPARED BY:

REGISTERED PROFESSIONAL ENGINEER
ALAN R. SHORT
No. 30873
EXP. 3/31/24
CIVIL
STATE OF CALIFORNIA

7263 W Galen Drive
Herriman, UT 84096
(949) 586-5200
ALANSHORTPE@GMAIL.COM
ALAN R. SHORT, P.E.

DATE: 4/17/23

ALAN R. SHORT, P.E.
R.C.E. 30873, EXPIRES 3/31/24

STATEMENT OF OWNERSHIP:

WE, THE UNDERSIGNED, DO HEREBY STATE THAT WE ARE THE RECORD OWNERS OF THE PROPERTY COMPRISING THIS VESTING TENTATIVE TRACT MAP AND THAT WE HAVE CONSENTED TO THE FILING OF SAID MAP.

LORDS GRACE OF DOWNEY CHURCH CORPORATION
ATTN: JEREMIAH KERKHOFF
p.miah1972@gmail.com

BY: _____ DATE: _____

EXISTING ASSESSOR'S PARCEL NUMBERS: 6358-015-058

SCALE:	1" = 20'
DATE:	4/17/23
GROSS AREA:	±1.46 AC
CONTOUR:	1'
TOTAL LOTS:	1 NUMBERED

VESTING TENTATIVE TRACT NO. 84168

LEGNED:

- TENTATIVE TRACT BOUNDARY
- FF= 207.50 — FINISHED FLOOR ELEVATION
- PAD= 206.8 — PROPOSED PAD ELEVATION
- S — EXISTING SEWER MAIN
- W — EXISTING WATER MAIN
- EXISTING STREET LIGHT
- S — PROPOSED PRIVATE SEWER LINE
- PROPOSED PRIVATE SEWER CLEANOUT
- EX FH — EXISTING FIRE HYDRANT
- PR FH — PROPOSED FIRE HYDRANT
- PROPOSED WATER METER
- FDC — PROPOSED FDC AND BACKFLOW
- TC — TOP OF CURB ELEVATION
- FL — FLOW LINE ELEVATION
- FS — FINISHED SURFACE ELEVATION
- 1 — PROPOSED LOT NUMBER

N

20 0 20 40 60

Scale 1" = 20'

PREPARED BY:

REGISTERED PROFESSIONAL ENGINEER ALAN R. SHORT No. 30873 EXP. 3/31/24 CIVIL STATE OF CALIFORNIA

7263 W Galen Drive
Herriman, UT 84096
(949) 586-5200
ALANSHORTPE@GMAIL.COM

ALAN R. SHORT, P.E.

Alan R Short

ALAN R. SHORT, P.E.
R.C.E. 30873, EXPIRES 3/31/24

DATE: 4/17/23

VESTING TENTATIVE TRACT NO. 84168

4/17/23

LEGNED:

— — — —	TENTATIVE TRACT BOUNDARY
FF= 207.50	FINISHED FLOOR ELEVATION
PAD= 206.8	PROPOSED PAD ELEVATION
═══	PROPOSED AREA DRAIN LINE
TC	TOP OF CURB ELEVATION
FL	FLOW LINE ELEVATION
FS	FINISHED SURFACE ELEVATION
TG	TOP OF GRATE ELEVATION
INV	INVERT ELEVATION
1	PROPOSED LOT NUMBER

N

20 0 20 40 60

Scale 1" = 20'

PREPARED BY:

REGISTERED PROFESSIONAL ENGINEER ALAN R. SHORT No. 30873 EXP. 3/31/24 CIVIL STATE OF CALIFORNIA

7263 W Galen Drive
Herriman, UT 84096
(949) 586-5200
ALANSHORTPE@GMAIL.COM

ALAN R. SHORT, P.E.

Alan R Short

ALAN R. SHORT, P.E.
R.C.E. 30873, EXPIRES 3/31/24

DATE: 4/17/23

CONCEPTUAL GRADING PLAN VESTING TENTATIVE TRACT NO. 84168

4/17/23