

Draft Initial Study and Mitigated Negative Declaration

BNSF Waterline Crossing at Veterans Village and Highland Avenue

Prepared for	Yorba Linda Water District 1717 East Miraloma Avenue Placentia, California 92870 Contact: Reza Afshar, PE, PMP 714.701.3106
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Prepared by	Psomas 5 Hutton Centre Drive, Suite 300 Santa Ana, California 92707 Contact: Jennifer Marks 714.751.7373
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August 2022

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C	Cultural Resources
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E	Noise Calculations

LIST OF ACRONYMS

A

Air Quality Management Plan (AQMP)
Ambient Air Quality Standards (AAQS)
Assembly Bill (AB)
A-weighted decibels (dBA)

B

Best Management Practices (BMPs)

C

California Air Pollution Control Officers Association (CAPCOA)
California Air Resources Board (CARB)
California Association of Governments (SCAG)
California Building Code (CBC)
California Department of Fish and Wildlife (CDFW)
California Department of Transportation (Caltrans)
California Emissions Estimator Model (CalEEMod)
California Environmental Quality Act (CEQA)
California Facility Inventory Database underground storage tanks (CA FID UST)
California Historical Resources Information System (CHRIS)
California Native Plant Society (CNPS)
California Office of the State Fire Marshal (CAL FIRE)
California Regional Water Quality Control Board (RWQCB)
California Register of Historic Resources (CRHR)
California State Water Resources Control Board (SWRCB)
Carbon Dioxide (CO₂)
Carbon Dioxide Equivalent (CO₂e)
Carbon Monoxide (CO)
City of Placentia Municipal Code (CPMC)
Community Noise Equivalent Level (CNEL)
cubic yards (cy)

D

Diesel Particulate Matter (diesel PM)

E

Enforcement and Compliance History Online (ECHO)
Environmental Data Resources (EDR)
Environmental Impact Report (EIR)
Equivalent Continuous Sound Level (L_{eq})

F

Facility Index System (FINDS)
Fine Particulate Matter with a Diameter of 2.5 Microns or Less (PM_{2.5})

G

Global Warming Potential (GWP)
Greenhouse Gases (GHG)

H

Hazardous Waste and Substances Sites (CORTESE)
Hazardous Waste Tracking System (HWTS)
Hydrofluorocarbons (HFCs)

I

Inch(es) Per Second (in/sec)
Initial Study (IS)

K

Kilometer (KM)

L

Natural History Museum of Los Angeles County (LACM)
leaking underground storage tank (LUST)
Level of Service (LOS)
linear feet (lf)
Localized Significance Threshold (LST)

M

Methane (CH₄)
Metric Tons of CO₂ Equivalent Per Year (MTCO₂e/yr)
Metric Tons Per Year of Carbon Dioxide Equivalents (MT/yr CO₂e)
Micrograms Per Cubic Meter (µg/m³)
Migratory Bird Treaty Act (MBTA)
Mitigated Negative Declaration (MND)
Mitigation Measures (MMs)

N

National Pollutant Discharge Elimination System (NPDES)
Native American Heritage Commission (NAHC)
Nitric Oxide (NO)
Nitrogen Dioxide (NO₂)
Nitrogen Oxides (NO_x)
Nitrous Oxide (N₂O)
Non Generators (NonGen/NLR)

O

Orange County Flood Control District (OCFCD)
Ozone (O₃)

P

Parts Per Million (PPM)
Particulate Matter with a Diameter of 10 Microns or Less (PM₁₀)
PM 2.5 (no callout)
Peak Particle Velocity (PPV)
Perfluorocarbons (PFCs)
Pounds Per Day (lbs/day)

R

Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS)
Regional Water Quality Control Board (RWQCB)
Resource Conservation and Recovery Act (RCRA)

S

Sacred Lands File (SLF)
Senate Bill (SB)
Small Quantity Generator (SQG)
South-Central Coastal Information Center (SCCIC)
South Coast Air Basin (SoCAB)
South Coast Air Quality Management District (South Coast AQMD)
square feet (sf)
Standard Conditions and Regulations (SCs)
State Route (SR)
State Water Resources Control Board (SWRCB)
Statewide Environmental Evaluation and Planning System (SWEEPS)
Storm Water Pollution Prevention Plan (SWPPP)
State Water Resources Control Board (SWRCB)
Sulfur Dioxide (SO₂)
Sulfur Hexafluoride (SF₆)
Sulfur Oxides (SO_x)

T

Tons Per Day (tbd)
Toxic Air Contaminants (TACs)

U

underground storage tank (UST)
United States Environmental Protection Agency (USEPA)
United States Army Corps of Engineers (USACE)

V

Vehicles Miles Traveled (VMT)
Very High Fire Hazard Severity Zone (VHFHSZ)
Volatile Organic Compounds (VOCs)

Y

Year (yr)
Yorba Linda Water District (YLWD)

SECTION 1.0 INTRODUCTION

1.1 PURPOSE OF THE INITIAL STUDY

The purpose of this Initial Study (IS) is to (1) describe the proposed Burlington Northern and Santa Fe (BNSF) Waterline Crossing at Veterans Village and Highland Avenue (hereinafter referred to as the “Project”), which would occur in the City of Placentia and (2) provide an evaluation of potential environmental effects associated with the Project’s construction and operation. This IS has been prepared pursuant to the California Environmental Quality Act (CEQA), as amended (*Public Resources Code* §21000 et seq.) and in accordance with the State CEQA Guidelines (*California Code of Regulations* §15000 et seq.).

Pursuant to Section 15367 of the State CEQA Guidelines, Yorba Linda Water District (YLWD) is the lead agency for the Project. The lead agency is the public agency that has the principal responsibility for carrying out or approving a project that may have a significant effect on the environment. YLWD, as the lead agency, has the authority for Project approval and certification of the accompanying environmental documentation.

The purpose of this document is to evaluate the potential environmental impacts associated with construction and operation of two segments of a new waterline.

1.2 SUMMARY OF FINDINGS

Based on the environmental checklist form prepared for the Project (see Section 4, below) and supporting environmental analysis (Section 5), the proposed Project would have no impact or less than significant impacts in the following environmental areas: agriculture and forest land resources, aesthetics, air quality, energy, greenhouse gases, hazards and hazardous materials, land use, mineral resources, noise, public services, recreation, transportation, utilities and services systems, and wildfire. The proposed Project has the potential to have significant impacts on the following topics unless the mitigation measures recommended herein are incorporated into the Project: biological resources, cultural resources, geology and soils, hydrology and water quality, and tribal cultural resources.

According to the State CEQA Guidelines, it is appropriate to prepare a Mitigated Negative Declaration (MND) for the proposed Project because, after incorporation of the recommended mitigation measures, potentially significant environmental impacts would be eliminated or reduced to a level considered less than significant.

1.3 PROJECT APPROVAL

This IS/MND has been submitted to potentially affected agencies and individuals. A Notice of Availability of the IS/MND for review and comment as well as the environmental documentation are available on YLWD’s website (<https://www.ylwd.com/about/transparency/>) for review.

This IS/MND will be available for public review for a period of 30 days, in accordance with Section 15073 of the State CEQA Guidelines. During review of the IS/MND, affected public agencies and the interested public have an opportunity to focus on the document’s adequacy in identifying and analyzing the potential environmental impacts and the ways in which the potentially significant effects of the Project area can be avoided or mitigated. Comments on the IS/MND and the

analysis contained herein must be received by 5:00 p.m., September 12, 2022 and should be addressed to:

Yorba Linda Water District
Attn: Reza Afshar, Senior Engineer
1717 East Miraloma Avenue
Placentia CA, 92870

Email: RAfshar@ylwd.com
Phone: 714.701.3106

Following receipt and evaluation of comments from agencies, organizations, and/or individuals, YLWD will determine whether any substantial new environmental issues have been raised. If so, further documentation—such as an Environmental Impact Report (EIR) or an expanded IS/MND—may be required. If not, the Project and the environmental documentation are tentatively scheduled to be submitted to the Board of Directors for consideration.

1.4 ORGANIZATION OF THE INITIAL STUDY

The IS/MND is organized as described below.

- **Section 1: Introduction.** This section provides an introduction and overview of the conclusions in the IS/MND.
- **Section 2: Project Location and Environmental Setting.** This section provides a brief description of the Project location, relevant background information, and a description of the existing conditions of the Project site and vicinity.
- **Section 3: Project Description.** This section provides a description of the proposed Project, a statement of purpose and need, and necessary discretionary approvals.
- **Section 4: Environmental Checklist.** The completed Environmental Checklist Form from the State CEQA Guidelines provides an overview of the potential impacts that may or may not result from Project implementation. The Environmental Checklist Form also includes “mandatory findings of significance”, as required by CEQA.
- **Section 5: Discussion of Environmental Checklist Questions.** This section contains an analysis of environmental impacts identified in the environmental checklist and identifies standard conditions and regulations (SC) and mitigation measures (MM) that have been recommended to eliminate any potentially significant effects or to reduce them to a level considered less than significant.
- **Section 6: Report Preparers.** This section lists the authors, including staff members from YLWD, who assisted in preparing and reviewing the IS/MND.
- **Section 7: References.** This section identifies the references used to prepare the IS/MND.

SECTION 2.0 PROJECT LOCATION AND ENVIRONMENTAL SETTING

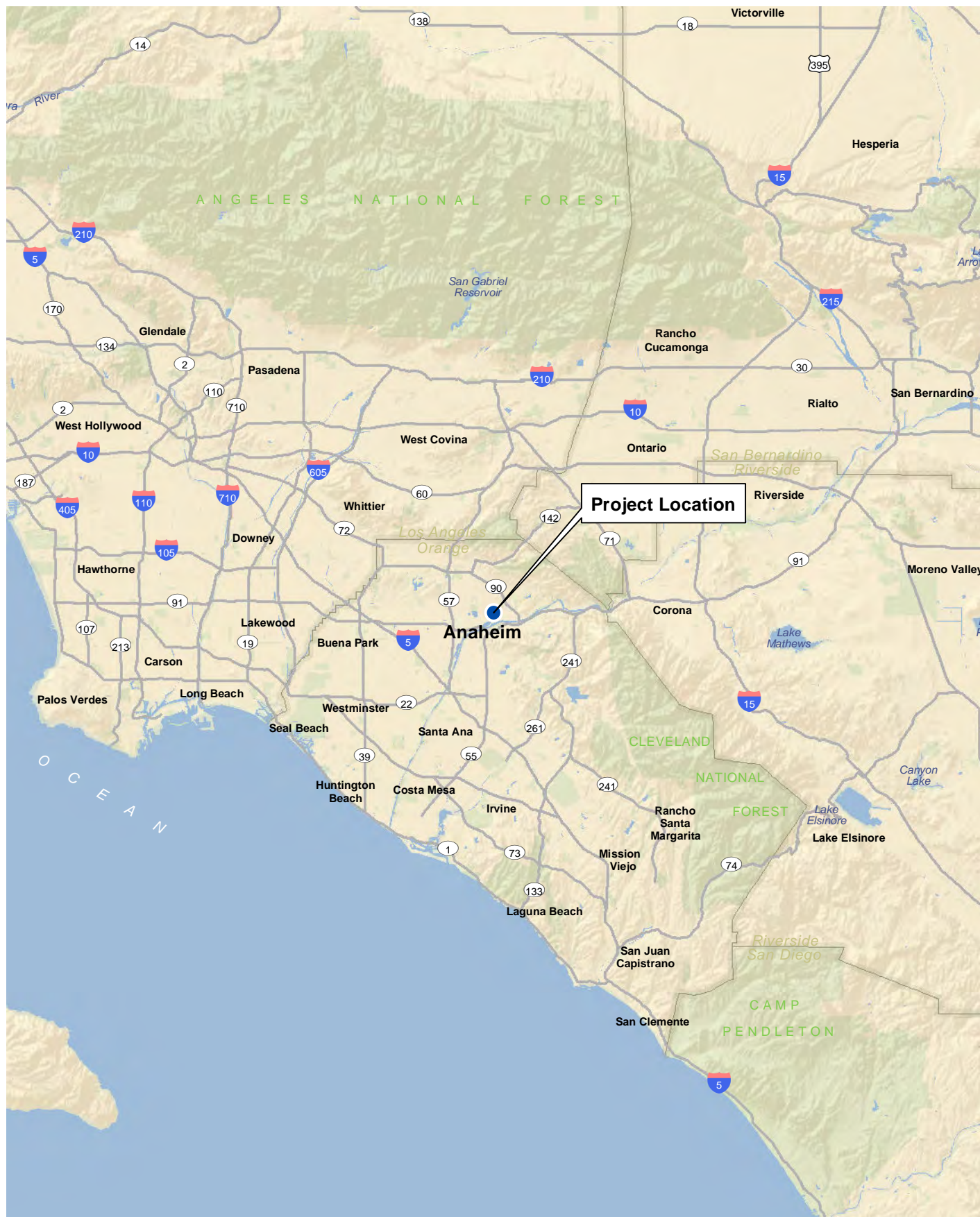
2.1 PROJECT LOCATION AND SURROUNDING USES

The proposed BNSF Waterline Crossing at Veterans Village and Highland Avenue Project (hereinafter referred to as the “proposed Project” or the “Project”) is located in City of Placentia, California. The Project consists of two separate segments of pipeline to be constructed: the northern stretch of pipeline is proposed to cross the BNSF railway right-of-way, and the southern segment that is proposed to cross Atwood Channel. The northern pipeline segment alignment is bound by Highland Avenue and residential uses to the north, commercial/restaurant uses to the east, Placentia Veterans Village apartments to the south, and residential uses to the west. The southern pipeline segment alignment is bound by the BNSF rail line and Orangethorpe Avenue to the north, Lakeview Avenue and commercial/industrial uses to the east, commercial/industrial to the south, and the Placentia Veterans Village apartments to the west. The regional and local vicinity of the Project site is depicted on Exhibits 1, Regional Location, and Exhibit 2, Aerial Photograph, respectively.

2.2 PROJECT BACKGROUND

YLWD currently has two pipelines that cross the BNSF right-of-way on the west end of the service area, one at Richfield Road and one at Lakeview Avenue. In this portion of the service area, the primary source of water is Lakeview Avenue. The Richfield Road pipeline is primarily used as a transmission pipeline to Highland Reservoir during emergencies only. YLWD constructed a water treatment plant at its headquarters and the new pipeline configuration eliminates the distribution option of the Richfield Road waterline. This Project includes construction of a third crossing to loop the system at Placentia Veterans Village apartments and Highland Avenue. In addition, YLWD intends to replace an existing water main crossing at the Orange County Flood Control District (OCFCD) Atwood Channel to the south of Veterans Way to provide additional water system redundancy in this area.

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Regional Location

BNSF Waterline Crossing at Veterans Village and Highland Avenue

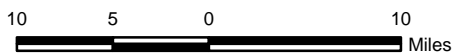


Exhibit 1



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Aerial Photograph

BNSF Waterline Crossing at Veterans Village and Highland Avenue



300 150 0 300
Feet

Exhibit 2



(Rev: 06/28/2022JVR) R:\Projects\2YOR\2YOR03203\Graphics\MND\ex_Aerial_Photograph.pdf

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SECTION 3.0 PROJECT DESCRIPTION

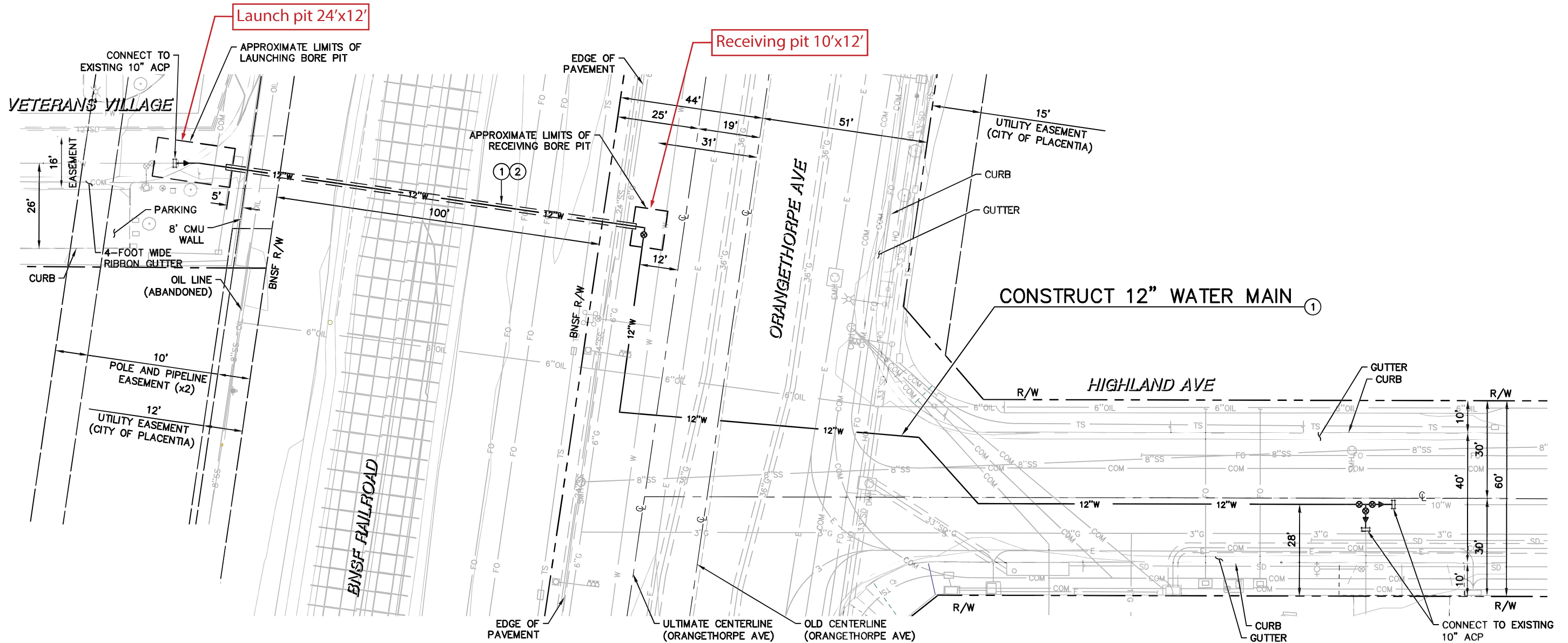
3.1 PHYSICAL CHARACTERISTICS

YLWD constructed a new, large water treatment plant known as Plant 1 or PFAS (Per- and Polyfluoroalkyl Substances) Water Treatment Plant at its headquarters, which is currently in service. Due to the high volume of water feeding into and exiting the plant, YLWD can no longer use its existing pipeline in Richfield Road to transport water both to and from the area of the plant. Therefore, YLWD proposes to construct a new water pipeline (new waterline) to transmit water to loop the water system and provide water system redundancy. The proposed pipeline would deliver water to the consumers south of Orangethorpe Avenue, leaving the Richfield Road pipeline to transport water to Highland Reservoir only in the other direction. A new 12-inch pipeline would be constructed to connect from the terminus of Nancita Circle in the south to a point in Highland Avenue to the north. As discussed above, the new pipeline would be constructed in two segments that would connect via an existing 10-inch pipeline.

The southern pipeline segment would be constructed from a connection point with an existing 10-inch pipeline that currently terminates in Nancita Circle as shown on Exhibit 3a, Southern Pipeline Segment. The pipeline would extend northeasterly from Nancita Circle into the parking lot at 1919 Nancita Circle, where it would then jog southeasterly for approximately 94 feet parallel to Atwood Channel. From this point, the pipeline would then extend northeasterly across Atwood Channel to Veterans Way, where it would turn south easterly and connect to an existing 10-inch pipeline. The 10-inch existing pipeline continues north from Veterans Way to the current terminus just south of the BNSF right-of-way line through Placentia Veterans Village apartments. Construction of the southern segment of the pipeline would consist primarily of open trench construction within roadway right-of-way. The proposed pipeline crossing of Atwood Channel would be constructed to extend above and outside of the channel, utilizing existing water main pipe supports.

The northern pipeline segment would be constructed from a connection point with the 10-inch pipeline as shown on Exhibit 3b, Northern Pipeline Segment. The new pipeline would be constructed in a northerly direction across BNSF right-of-way to Orangethorpe Avenue. From here, the pipeline would jog southeasterly along Orangethorpe Avenue for approximately 63 feet before turning northward into Highland Avenue. The pipeline would extend northerly along Highland Avenue and connect to an existing 10-inch pipeline located in Highland Avenue near 2007 East Orangethorpe Avenue. Construction of the northern segment of the pipeline would consist primarily of open trench construction, except for the proposed crossing of the BNSF rail line which would be constructed using a jack-and-bore method and access pits on either side of the rail line right-of-way. The southern, or launching bore pit would be 24-feet by 10-feet and would be located within an existing YLWD easement. Because the driveway functions as the only vehicle access point for the apartment complex, YLWD would require that the contractor constructing the bore pit maintain access for residents at all times YLWD would restore all existing hardscape and landscape improvements. The northern, or receiving, bore pit would be 12-feet by 10-feet in size and be constructed within the public right-of-way on the north side of the BNSF railroad.

Work within Nancita Circle, Orangethorpe Avenue, and Highland Avenue would be entirely within public right-of-way. Neither the Atwood Channel area nor the BNSF rail line are within the public right-of-way, however impacts would be limited to above Atwood Channel, or beneath the ground surface at the BNSF crossing. All construction activity would be coordinated with the Orange County Flood Control District (OCFCD) and BNSF, respectively. The total length of all new pipeline would be less than 1,000 feet.



Source: Yorba Linda Water District

Northern Pipeline Segment

BNSF Waterline Crossing at Veterans Village and Highland Avenue

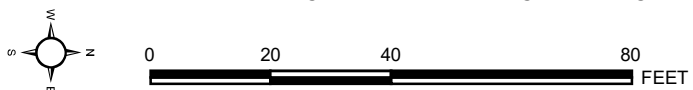


Exhibit 3b



The launching bore pit involves more noise and activities because it is where equipment would be staged. YLWD would place the launching bore pit at Placentia Veterans Village apartments.

3.2 CONSTRUCTION ACTIVITIES

Construction at the Project site is anticipated to begin in December 2022 and the Project is anticipated to be operational in December 2023. Construction activity would be phased to include construction of two segments of a new waterline, including crossing of Atwood Channel and the BNSF rail line. YLWD would require that the contractor constructing the bore pits maintain access for Veterans Village residents at all times and restore all existing hardscape and landscape improvements.

Total excavation for pipeline installation and bore pits would result in approximately 7,025 cubic yards (cy) of soil export. Pavement demolition would result in approximately 2,400 square feet (sf) of pavement disturbance. And approximately 836 linear feet (lf) of pipeline would be installed comprised of 650 linear feet of open trench, 130 lf of jack and bore, and 56 lf of above grade channel crossing.

3.3 PURPOSE

The purpose of this document is to evaluate the construction and operation of two segments of a new waterline.

3.4 PROJECT APPROVALS

As part of the Project, the following Project approvals and actions would be required:

- **Project Approval and Approval of the Mitigated Negative Declaration.** The proposed Project and its associated MND shall be reviewed and approved by the Board of Directors.
- **City of Placentia Encroachment Permit.**
- **Orange County Flood Control District (OCFCD) Permit and No-Rise Certification .**
- **BNSF Permit.**
- **Occupational Safety and Health (OSHA) Approval.**

SECTION 4.0 ENVIRONMENTAL CHECKLIST

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

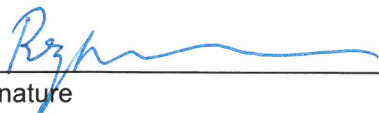
The environmental factors checked below would be potentially affected by this Project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

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

DETERMINATION: (To be completed by the Lead Agency.)

On the basis of this initial evaluation:

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


Signature

Reza Afshar
Printed Name

8/11/2022
Date

Yorba Linda Water District
For

EVALUATION OF ENVIRONMENTAL IMPACTS:

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

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

This section includes the completed Environmental Checklist Form. The checklist form is used to assist in evaluating the potential environmental impacts of the proposed Project. The Environmental Checklist Form identifies potential Project effects as follows: (1) Potentially Significant Impact; (2) Less Than Significant With Mitigation Incorporated; (3) Less Than Significant Impact; and (4) No Impact. Substantiation and clarification for each checklist response is provided in Section 5, Environmental Evaluation. Included in each discussion are mitigation measures, as appropriate, that are recommended for implementation as part of the proposed Project.

ENVIRONMENTAL ISSUES (See attachments for information sources)	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
I. AESTHETICS. Would the project:				
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
II. AGRICULTURE AND FOREST RESOURCES. In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of forestry and Fire Protection regarding the State's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

ENVIRONMENTAL ISSUES (See attachments for information sources)	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220[g]), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104[g])?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Result in the loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to nonagricultural use or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
III. AIR QUALITY. Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
IV. BIOLOGICAL RESOURCES. Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ENVIRONMENTAL ISSUES (See attachments for information sources)	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
V. CULTURAL RESOURCES. Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VI. ENERGY. Would the project:				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VII. GEOLOGY AND SOILS. Would the project:				
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iv) Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

ENVIRONMENTAL ISSUES (See attachments for information sources)	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VIII. GREENHOUSE GAS EMISSIONS. Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IX. HAZARDS AND HAZARDOUS MATERIALS. Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
X. HYDROLOGY AND WATER QUALITY. Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				

ENVIRONMENTAL ISSUES (See attachments for information sources)	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
i) result in substantial erosion or siltation on- or off-site;	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iv) impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
XI. LAND USE AND PLANNING. Would the project:				
a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
XII. MINERAL RESOURCES. Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
XIII. NOISE. Would the project result in:				
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
XIV. POPULATION AND HOUSING Would the project:				
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

ENVIRONMENTAL ISSUES (See attachments for information sources)	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XV. PUBLIC SERVICES.				
a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
Fire Protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Police Protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other Public Facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
XVI. RECREATION.				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
XVII. TRANSPORTATION/CIRCULATION. Would the project:				
a) Conflict with program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
XVIII. TRIBAL CULTURAL RESOURCES. Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

ENVIRONMENTAL ISSUES (See attachments for information sources)	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XIX. UTILITIES AND SERVICE SYSTEMS. Would the project:				
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Comply with federal, state, and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
XX. WILDFIRE. If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

ENVIRONMENTAL ISSUES (See attachments for information sources)	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XXI. MANDATORY FINDINGS OF SIGNIFICANCE.				
a. Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of rare or endangered plants or animals, or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Fish and Wildlife Determination

(Per Section 21089(b) of the Public Resources Code, all project applicants and public agencies subject to the California Environmental Quality Act shall pay a Fish and Game filing fee for each proposed project that would adversely affect wildlife resources.)*

Based on the responses contained in this Environmental Checklist, there is no evidence that the project has a potential for a change that would adversely affect wildlife resources or the habitat upon which the wildlife depends. Has the presumption of adverse effect set forth in 14 CCR 753.5 (d) been rebutted by substantial evidence?

☐ Yes (Certificate of Fee Exemption and County Administrative fee required)

☒ No (Pay fee)

***Note:** Fish and Game Code Section 711.4(c)(2)(A) states that projects that are Categorically Exempt from CEQA are also exempt from filing fee.

SECTION 5.0 DISCUSSION OF ENVIRONMENTAL CHECKLIST QUESTIONS

I. AESTHETICS

Existing Views and Visual Character

The Project site is surrounded by an urbanized environment with the existing water pipelines extending generally in a north-south direction. As discussed previously, a new pipeline would be constructed to connect from the terminus of Nancita Circle in the south to a point in Highland Avenue to the north. The new pipeline would be constructed in two segments that would connect via an existing pipeline. The southern pipeline segment would be constructed from a point located in Veterans Way, would cross above the OCFCD Atwood Channel, and terminate in Nancita Circle. Commercial/industrial uses exist to the east, south, and west of the Placentia Veterans Village apartments and the Atwood channel.

The northern pipeline segment would be constructed in a northerly direction across BNSF right-of-way to Orangethorpe Avenue. From here, the pipeline would jog southeasterly along Orangethorpe Avenue before turning northward into Highland Avenue. The pipeline would extend northerly along Highland Avenue and connect to an existing pipeline located in Highland Avenue. Adjacent to the northern pipeline segment is high-density residential (Placentia Veterans Village apartments); single-family residential to the north of East Orangethorpe Avenue and west of South Highland Avenue; and commercial and high-density residential uses to the east of South Highland Avenue. Please refer to Exhibits 4a through 4d, Site Photographs, which provide photographs from several vantage points and depicts the overall existing character of the site and surrounding areas from public views.

Southern Segment

View 1 – View from Nancita Circle, Looking North. As shown on Exhibit 4a, View 1 shows the cul-de-sac on Nancita Circle at the proposed terminus of the southern pipeline segment. Commercial/industrial buildings are visible to the east and west of a private driveway along with a single mature tree and ornamental landscaping. On the north end of the driveway, a green fence is visible which divides the properties from the Atwood Channel. The Placentia Veterans Village apartments, mature trees south and north of the apartments, light posts, and various electrical lines are visible to the northeast. Distant views include several rolling hills that are visible to the northeast from this location.

View 2 – View from Veterans Way, Looking Southeast. As shown on Exhibit 4a, View 2 depicts the OCFCD Atwood Channel looking south from the sidewalk along the south side of Veterans Way. In the foreground, is a chain link fence located along the northern side of the channel. An existing YLWD water main and pipe supports is visible in the center of the view, crossing above the channel. Atwood Channel extends to the east and west and visible features of the channel include standing water, limited ornamental landscaping, and rock- and dirt-lined embankments. South of the Atwood Channel is a green fence surrounding the Channel. Two commercial/industrial buildings and mature trees are visible in the distance to the southeast.

View 3 – View from Veterans Way, Looking North. As shown on Exhibit 4b, View 3 depicts the Placentia Veterans Village apartments from the cul-de-sac on Veterans Way. The foreground view is dominated by the Veterans Way cul-de-sac, sidewalks, wrought iron fence surrounding the apartment complex, an entrance/exit gate, light poles, and signage. Additionally, there is partial view of a brick wall separating the apartment parking lot and a commercial property to the east. Ornamental landscaping and bushes are interspersed on and in front of the apartments. A



View 1 - View from Nancita Circle, Looking North



View 2 - View from Veterans Way, Looking Southeast

Site Photographs – Southern Segment

BNSF Waterline Crossing at Veterans Village and Highland Avenue

Exhibit 4a





View 3 - View from Veterans Way, Looking North



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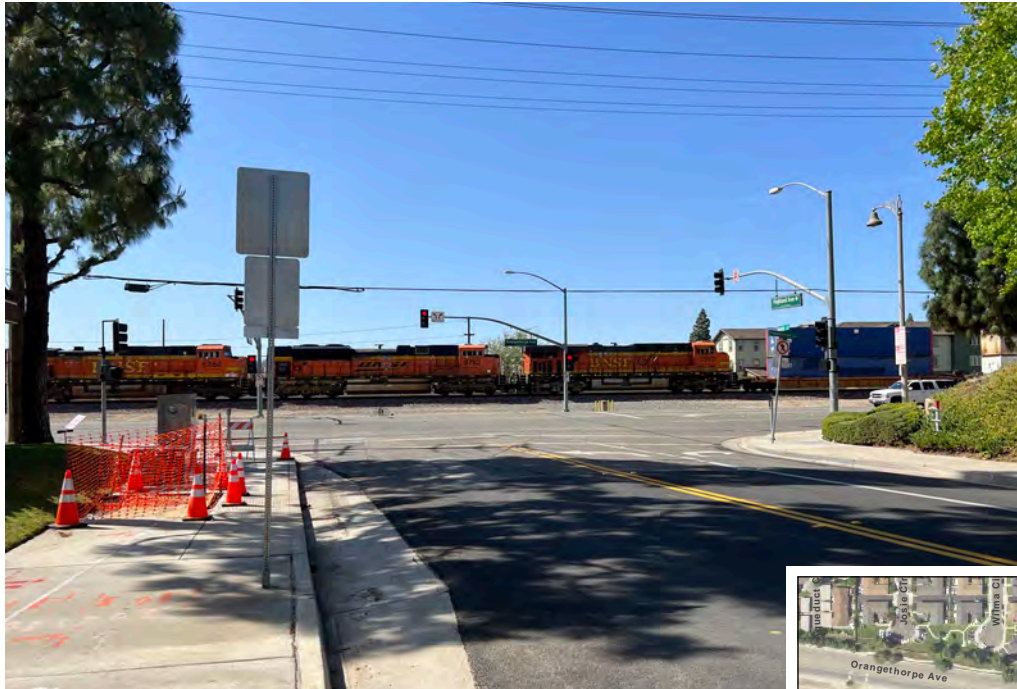
Site Photographs – Southern Segment

BNSF Waterline Crossing at Veterans Village and Highland Avenue

Exhibit 4b



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View 4 - View from South Highland Avenue, Looking South



View 5 - View from South Highland Avenue, Looking South

Site Photographs – Northern Segment

BNSF Waterline Crossing at Veterans Village and Highland Avenue

Exhibit 4c





View 6 - View from South Highland Avenue and East Orangethorpe Avenue, Looking North



Site Photographs – Northern Segment

BNSF Waterline Crossing at Veterans Village and Highland Avenue

Exhibit 4d



train is visible heading east on the rail line. In the distance are mature trees, electrical lines, and partial views of hills to the east.

Northern Segment

View 4 – View from South Highland Avenue, Looking South. As shown on Exhibit 4c, View 4 depicts the intersection of South Highland Avenue and East Orangethorpe Avenue from South Highland Avenue looking south. As shown in the photograph, a train is traveling parallel to East Orangethorpe Avenue in a westward direction. Sidewalks are visible along the east and west sides of South Highland Avenue, as well as mature trees, ornamental landscaping, light poles, electrical lines, and signage. Beyond the rail line is a partial view of the Placentia Veterans Village apartments between two train cars.

View 5 – View from South Highland Avenue, Looking South. As shown on Exhibit 4c, View 5 shows South Highland Avenue, existing single-family residential uses to the east and commercial/retail one-story buildings to the west. Sidewalks on either side of South Highland Avenue, mature trees, and grass are also visible. Distant views show industrial buildings, light poles, and electrical poles at the corner of South Highland Avenue and East Orangethorpe Avenue.

View 6 – View from South Highland Avenue and East Orangethorpe Avenue, Looking North. As shown on Exhibit 4d, View 6 shows single-story commercial buildings, a driveway, sidewalk, mature trees and ornamental landscaping on the eastern side of South Highland Avenue. Additionally, along the west side of the street, a sidewalk, light pole, and a landscaped slope with mature trees leading to a block wall are visible. Distant views to the north along South Highland Avenue include high-density apartments on the eastern side of South Highland Avenue and additional residential uses in the distance.

IMPACT ANALYSIS

Would the Project:

a) Have a substantial adverse effect on a scenic vista?

No Impact. The City of Placentia's General Plan Land Use Element includes policies directed at the preservation of aesthetic character in the City; however, there are no scenic vistas identified in the City or the vicinity of the Project site (Placentia 2019b). Due to the nature of the proposed Project, which includes the construction of a new waterline and associated channel crossing, and because no scenic vistas are identified in the City or Project vicinity, no impacts would occur, and no mitigation is required.

b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a State scenic highway?

No Impact. The City's General Plan Mobility Element identifies State Route (SR) 90 and SR-57 as intersecting the City of Placentia (Placentia 2019d). According to the California Department of Transportation's (Caltrans') California Scenic Highway Mapping System, SR-91 is a scenic highway with segments classified as Officially Designated and Eligible in the Counties of Orange and Riverside. Additionally, SR-57 is an Eligible scenic highway in the County of Orange (Caltrans 2022). However, the Officially Designated and Eligible scenic highway segments of SR-91 and SR-57 do not extend into the City and are not visible from the Project site. SR-91 (Officially Designated) is approximately 1.0 mile south; SR-91 (designated Eligible) is approximately

3.25 miles to the east; and SR-57 (designated Eligible) is approximately 4.75 miles northwest from the Project site.

As discussed in the response to CEQA Checklist Question I.(a), the proposed Project proposes to construct a new waterline and associated channel crossing. Except for the crossing of Atwood Channel, the proposed pipeline would be constructed beneath the ground surface and, following construction, would not be visible. The proposed pipeline would extend above the Atwood Channel; however, the pipeline would be constructed adjacent to an existing water main crossing and utilize the same pipeline supports. Therefore, the Project would not substantially alter the visual character of the area. Further, the Project would not obstruct views during operation. Views of the proposed pipeline alignment from the scenic highway segments of SR-91 and SR-57 would be obstructed by intervening topography, the existing urban environment, and the physical distance. Therefore, motorists traveling along SR-91 or SR-57 would be unaffected by the Project. No impacts would occur, and no mitigation is required.

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

No Impact. The Project is located in an urbanized area surrounded by commercial, industrial, high and low density residential uses, as well as infrastructure including the BSNF rail line and the OCFCD Atwood Channel. Exhibit 4a through 4c, Site Photographs, depict the existing visual character and urban setting of the proposed pipeline alignment.

As discussed in the response to CEQA Checklist Question I.(a), the proposed Project would include the construction of two segments of a new waterline. Some ornamental trees and landscaping within the Project site may require removal during construction activities; however, the visual appearance of the Project from surrounding areas would remain largely unchanged. Upon completion of the Project, all landscaping and hardscape, including roads and driveways, would be restored to current conditions. No impact would occur related to the visual character or quality of the site or surrounding areas, and no mitigation is required.

- d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?**

No Impact. As discussed in the response to CEQA Checklist Question I.(a), the proposed Project includes the construction of a new waterline and associated channel crossing. Project construction would occur during daytime hours in accordance with local ordinances; therefore, no temporary construction lighting would be used. No permanent lighting would be associated with operation of the proposed waterline and channel crossing. Further, the majority of the pipeline would be located underground and the portion that would be visible (i.e., the pipeline segment proposed to cross above Atwood Channel) would consist of non-reflective materials and coatings to reduce the potential for glare. Therefore, no impact would occur related to the light or glare that would adversely affect day or nighttime views in the area, and no mitigation is required.

II. AGRICULTURE AND FOREST RESOURCES

IMPACT ANALYSIS

Would the Project:

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

No Impact. Based on a review of the California Department of Conservation Farmland Mapping and Monitoring Program (FMMP 2016), the Project site is designated as Urban and Built-Up Land. A small parcel of land located northeast of the Project site along Lakewood Avenue, south of Via Madera Avenue, is designated as Unique Farmland, but has since been developed with residential uses. The nearest land not designated as Urban and Built-Up Land is Yorba Linda Lake (designated as Other Land), located approximately 0.25 miles northeast of the Project. Further, as described in Section 2.1, Project Location and Surrounding Uses, the Project site is surrounded by an urbanized environment. Therefore, there is no land designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance on or near the Project site. No impact would occur, and no mitigation is required.

- b) **Conflict with existing zoning for agricultural use, or a Williamson Act contract?**

No Impact. According to the City's General Plan Conservation Element, the existence of row crops (predominantly strawberries and oranges) exists in the City, but not in significant quantities (Placentia 2019a). These crops are not currently in production on the Project site. Further, the Project is surrounded by a mixture of urban land uses, as shown on the City's General Plan Land Use Map and described in Section 2.1, Project Location and Surrounding Uses. Along South Highland Avenue, medium density residential exists to the west and commercial uses are to the east. High density residential uses are located directly south of East Orangethorpe Avenue and the BSNF rail line; and industrial uses are located south of the OCFCD Atwood Channel (Placentia 2019c). Therefore, the site is not within a Williamson Act contract and would not conflict with existing zoning for agricultural use or a Williamson Act contract. No impact would occur, and no mitigation is required.

- c) **Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?** and

- d) **Result in the loss of forest land or conversion of forest land to non-forest use?**

No Impact. According to Section 12220(g) of the *California Public Resources Code*, "forest land is land that can support 10 percent native tree cover of any species, including hardwoods, under natural conditions, and that allows for management of one or more forest resources, including timber, aesthetics, fish and wildlife, biodiversity, water quality, recreation, and other public benefits". The Project site is located in an urbanized area, does not support timber or forest uses, and does not meet the definition of forest land; therefore, no impacts would occur, and no mitigation is required.

- e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?**

No Impact. As discussed previously in the response to CEQA Checklist Question II.(b), the proposed Project site is not designated as farmland of significance and is not being used for agricultural production. There are areas in the City that are currently used for minor agricultural purposes; however, proposed Project actions would not convert these areas to non-agricultural use. Further, there are no forest lands in the vicinity of the Project site; therefore, the Project would not convert forest land to non-forest use. No impacts would occur, and no mitigation is required.

III. AIR QUALITY

Existing Conditions

The Project site is located within the South Coast Air Basin (SoCAB) and is under the jurisdiction of the South Coast Air Quality Management District (AQMD). Both the State of California and the United States Environmental Protection Agency (USEPA) have established health-based Ambient Air Quality Standards (AAQS) for air pollutants, which are known as “criteria pollutants”. The AAQS are designed to protect the health and welfare of the populace within a reasonable margin of safety. The AAQS for ozone (O₃), carbon monoxide (CO), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), respirable particulate matter with a diameter of 10 microns or less (PM₁₀), fine particulate matter with a diameter of 2.5 microns or less (PM_{2.5}), and lead are shown in Table 1.

TABLE 1
CALIFORNIA AND FEDERAL AMBIENT AIR QUALITY STANDARDS

Pollutant	Averaging Time	California Standards	Federal Standards	
			Primary ^a	Secondary ^b
O ₃	1 Hour	0.09 ppm (180 µg/m ³)	–	–
	8 Hour	0.070 ppm (137 µg/m ³)	0.070 ppm (137 µg/m ³)	Same as Primary
PM10	24 Hour	50 µg/m ³	150 µg/m ³	Same as Primary
	AAM	20 µg/m ³	–	Same as Primary
PM2.5	24 Hour	–	35 µg/m ³	Same as Primary
	AAM	12 µg/m ³	12.0 µg/m ³	15.0 µg/m ³
CO	1 Hour	20 ppm (23 mg/m ³)	35 ppm (40 mg/m ³)	–
	8 Hour	9.0 ppm (10 mg/m ³)	9 ppm (10 mg/m ³)	–
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m ³)	–	–
NO ₂	AAM	0.030 ppm (57 µg/m ³)	0.053 ppm (100 µg/m ³)	Same as Primary
	1 Hour	0.18 ppm (339 µg/m ³)	0.100 ppm (188 µg/m ³)	–
SO ₂	24 Hour	0.04 ppm (105 µg/m ³)	0.14 ppm	–
	3 Hour	–	–	0.5 ppm (1,300 µg/m ³)
	1 Hour	0.25 ppm (655 µg/m ³)	0.075 ppm (196 µg/m ³)	–
Lead	30-day Avg.	1.5 µg/m ³	–	–
	Calendar Quarter	–	1.5 µg/m ³	Same as Primary
	Rolling 3-month Avg.	–	0.15 µg/m ³	
Visibility Reducing Particles	8 hour	Extinction coefficient of 0.23 per km – visibility ≥ 10 miles (0.07 per km – ≥30 miles for Lake Tahoe)	No Federal Standards	
Sulfates	24 Hour	25 µg/m ³		
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m ³)		
Vinyl Chloride	24 Hour	0.01 ppm (26 µg/m ³)		
O ₃ : ozone; ppm: parts per million; µg/m ³ : micrograms per cubic meter; PM10: respirable particulate matter; AAM: Annual Arithmetic Mean; –: No Standard; PM2.5: fine particulate matter; CO: carbon monoxide; mg/m ³ : milligrams per cubic meter; NO ₂ : nitrogen dioxide; SO ₂ : sulfur dioxide; km: kilometer.				
^a <i>National Primary Standards</i> : The levels of air quality necessary, within an adequate margin of safety, to protect the public health.				
^b <i>National Secondary Standards</i> : The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.				
Note: More detailed information in the data presented in this table can be found at the CARB website (www.arb.ca.gov).				
Source: CARB 2016.				

Regional air quality is defined by whether the area has attained or not attained State and federal air quality standards, as determined by air quality data from various monitoring stations. Areas that are considered in “nonattainment” are required to prepare plans and implement measures that will bring the region into “attainment”. When an area has been reclassified from nonattainment to attainment for a federal standard, the status is identified as “maintenance”, and there must be a plan and measures established that will keep the region in attainment for the following 10 years.

For California Air Resources Board (CARB), an “Unclassified” designation indicates that the air quality data for the area are incomplete and do not support a designation of attainment or nonattainment. Table 2 summarizes the attainment status of the SoCAB for the criteria pollutants.

TABLE 2
CRITERIA POLLUTANT DESIGNATIONS
IN THE SOUTH COAST AIR BASIN

Pollutant	State	Federal
O ₃ (1-hour)	Nonattainment	Extreme Nonattainment
O ₃ (8-hour)		Extreme Nonattainment
PM10	Nonattainment	Attainment/Maintenance
PM2.5	Nonattainment	Serious Nonattainment
CO	Attainment	Attainment/Maintenance
NO ₂	Attainment	Attainment/Maintenance
SO ₂	Attainment	Attainment
Lead	Attainment	Nonattainment/Attainment ^a
Visibility-Reducing Particles	Unclassified ^b	No Standards
Sulfates	Attainment	
Hydrogen Sulfide	Unclassified	
O ₃ : ozone; PM10: respirable particulate matter with a diameter of 10 microns or less; PM2.5: fine particulate matter with a diameter of 2.5 microns or less; CO: carbon monoxide; NO ₂ : nitrogen dioxide; SO ₂ : sulfur dioxide; CARB: California Air Resources Board; SoCAB: South Coast Air Basin.		
^a Los Angeles County is classified as nonattainment for lead; the remainder of the SoCAB is in attainment of State and federal standards.		
^b “Unclassified” designation indicates that the air quality data for the area are incomplete and do not support a designation of attainment or nonattainment.		
Source: CARB 2017, USEPA 2019.		

O₃ is formed by photochemical reactions between Nitrogen Oxides (NO_x) and volatile organic compounds (VOCs) rather than being directly emitted. O₃ is the principal component of smog. Elevated O₃ concentrations cause eye and respiratory infection; reduce resistance to lung infection; and may aggravate pulmonary conditions in persons with lung disease. O₃ is also damaging to vegetation and untreated rubber. The entire SoCAB is designated as a nonattainment area for the State one-hour O₃ standard.

CO is formed by the incomplete combustion of fossil fuels, almost entirely from automobiles. It is a colorless, odorless gas that can cause dizziness, headaches, and fatigue. The SoCAB is designated as an attainment area for federal CO standards.

NO₂ (a “whiskey brown”-colored gas) and nitric oxide (NO) (a colorless, odorless gas) are formed from combustion devices. These compounds are referred to as NO_x. NO_x is a primary component of the photochemical smog reaction. The severity of health effects of NO_x depends primarily on the concentration inhaled. Acute symptoms can include coughing, difficulty breathing, vomiting, headache, and eye irritation. Respiratory symptoms may also increase in severity after prolonged exposure.

SO₂ is a corrosive gas that is primarily formed from the combustion of fuels containing sulfur (e.g., from power plants) and heavy industry that use coal or oil as fuel. SO₂ irritates the respiratory tract and can result in lung disease and breathing problems for asthmatics. Atmospheric SO₂ also contributes to acid rain.

Lead is found in old paints and coatings, plumbing, and a variety of other materials including gasoline anti-knock additives. Once in the blood stream, lead can cause damage to the brain, nervous system, and other body systems. Children are highly susceptible to the effects of lead. However, lead emissions have significantly decreased due to the near elimination of the use of leaded gasoline.

Particulate matter is the term used for a mixture of solid particles and liquid droplets found in the air. Respirable particulate matter (i.e., PM₁₀) derives from a variety of sources including road dust from paved and unpaved roads; diesel soot; combustion products; tire and brake abrasion; construction operations; and fires. Fuel combustion and certain industrial processes are primarily responsible for fine particle (i.e., PM_{2.5}) levels. Coarse particles (PM₁₀) can accumulate in the respiratory system and aggravate health problems such as asthma. PM_{2.5} can deposit itself deep in the lungs and may contain substances that are harmful to human health.

Toxic air contaminants (TACs) are a diverse group of air pollutants that may cause or contribute to an increase in deaths or in serious illness or that may pose a present or potential hazard to human health. TACs may be emitted from a variety of common sources, including motor vehicles, gasoline stations, dry cleaners, industrial operations, painting operations, and research and teaching facilities. TACs are different than the “criteria” pollutants previously discussed in that AAQS have not been established for them. TACs occurring at extremely low levels may still affect health, and it is typically difficult to identify levels of exposure that do not produce adverse health effects. TAC impacts on human health are described by having carcinogenic risk and being chronic (i.e., of long duration) or acute (i.e., severe but of short duration). Diesel particulate matter (diesel PM) is a TAC and is responsible for the majority of California’s known cancer risk from outdoor air pollutants.

The effects from air pollution can be significant, both in the short-term during smog alerts, but also from long-term exposure to pollutants. While most of the populace can overcome short-term air quality health concerns, selected segments of the population are more vulnerable to its effects. Specifically, young children, the elderly, and persons with existing health problems are most susceptible to respirator complications.

Air quality data for the Project site is represented by the La Habra Monitoring Station. Pollutants measured at the La Habra Monitoring Station include CO, O₃, and NO₂. PM₁₀, and PM_{2.5} were not measured at this location. The monitoring data presented in Table 3, Air Quality Levels Measured at the La Habra Monitoring Station, were obtained from CARB (CARB 2022). Federal and State air quality standards are presented with the frequency that may be exceeded.

TABLE 3
AIR QUALITY LEVELS MEASURED AT THE
LA HABRA MONITORING STATION

Pollutant	California Standard	National Standard	Year	Max. Level ^a	Days State Standard Exceeded	Days National Standard Exceeded
O ₃ (1 hour)	0.09 ppm	None	2018	0.111	3	–
			2019	0.107	2	–
			2020	0.171	15	–
O ₃ (8 hour)	0.070 ppm	0.070 ppm	2018	0.077	4	4
			2019	0.094	6	6
			2020	0.113	23	23
NO ₂ (1 Hour)	0.18 ppm	0.100 ppm	2018	0.067	0	0
			2019	0.059	0	0
			2020	0.057	0	0
CO (1 hour)	20 ppm	35 ppm	2018	3.0	0	0
			2019	2.6	0	0
			2020	2.1	0	0
CO (8 hour)	9 ppm	9 ppm	2018	1.4	0	0
			2019	1.2	0	0
			2020	1.2	0	0
–: Data Not Reported or insufficient data available to determine the value; O ₃ : ozone; ppm: parts per million; NO ₂ : nitrogen dioxide; CO: carbon monoxide.						
^a California maximum levels were used.						
Source: USEPA 2019.						

The data from the La Habra Monitoring Station shows that O₃ is the air pollutant of primary concern in the Project area. At the monitoring station, the State 1-hour O₃ standard was exceeded 3 days in 2018, 2 days in 2019, and 15 days in 2020. The State and federal 8-hour O₃ standards were exceeded 4 days in 2018, 6 days in 2016, and 23 days in 2020. O₃ is a secondary pollutant and is not directly emitted from a source; it occurs as the result of photochemical reactions from ozone precursors, which include VOCs, NO₂ and sunlight.

Sensitive receptors near the Project site (i.e., proposed pipeline alignment) include single-family residences.

Significance Criteria

Appendix G of the State CEQA Guidelines states that the significance criteria established by the applicable air quality management district may be relied upon to make significance determinations. The South Coast AQMD has established significance thresholds to assess the regional and localized impacts of Project-related air pollutant emissions; Table 4 presents the current significance thresholds.

TABLE 4
SOUTH COAST AQMD AIR QUALITY SIGNIFICANCE THRESHOLDS

Mass Daily Thresholds ^a		
Pollutant	Construction	Operation
NOx	100 lbs/day	55 lbs/day
VOC	75 lbs/day	55 lbs/day
PM10	150 lbs/day	150 lbs/day
PM2.5	55 lbs/day	55 lbs/day
SOx	150 lbs/day	150 lbs/day
CO	550 lbs/day	550 lbs/day
Lead	3 lbs/day	3 lbs/day
TACs, Odor, and GHG Thresholds		
TACs (including carcinogens and non-carcinogens)	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)	
Odor	Project creates an odor nuisance pursuant to South Coast AQMD Rule 402	
GHG	10,000 MT/yr CO ₂ e for industrial facilities	
Ambient Air Quality Standards for Criteria Pollutants ^{b, c}		
NO ₂ 1-hour average annual arithmetic mean	The South Coast AQMD is in attainment; the Project is significant if it causes or contributes to an exceedance of the following attainment standards: 0.18 ppm (State) 0.03 ppm (State) and 0.0534 ppm (federal)	
PM10 24-hour average annual average	10.4 µg/m ³ (construction) ^c & 2.5 µg/m ³ (operation) 1.0 µg/m ³	
PM2.5 24-hour average	10.4 µg/m ³ (construction) ^c & 2.5 µg/m ³ (operation)	
SO ₂ 1-hour average 24-hour average	0.25 ppm (State) & 0.075 ppm (federal – 99 th percentile) 0.04 ppm (State)	
Sulfate 24-hour average	25 µg/m ³ (State)	
CO 1-hour average 8-hour average	South Coast AQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards: 20.0 ppm (State) and 35 ppm (federal) 9.0 ppm (State/federal)	
Lead 30-day average Rolling 3-month average	1.5 µg/m ³ (State) 0.15 µg/m ³ (federal)	
NOx: nitrogen oxides; lbs/day: pounds per day; VOC: volatile organic compound; PM10: respirable particulate matter with a diameter of 10 microns or less; PM2.5: fine particulate matter with a diameter of 2.5 microns or less; SOx: sulfur oxides; CO: carbon monoxide; TACs: toxic air contaminants; GHG: greenhouse gases; South Coast AQMD: South Coast Air Quality Management District; MT/yr CO ₂ e: metric tons per year of carbon dioxide equivalents; NO ₂ : nitrogen dioxide; ppm: parts per million; µg/m ³ : micrograms per cubic meter; SO ₂ : sulfur dioxide.		
^a Source: South Coast AQMD CEQA Handbook (South Coast AQMD 1993)		
^b Ambient air quality thresholds for criteria pollutants based on South Coast AQMD Rule 1303, Table A-2 unless otherwise stated		
^c Ambient air quality threshold is based on South Coast AQMD Rule 403		
Source: South Coast AQMD 2019.		

IMPACT ANALYSIS

Would the Project:

a) Conflict with or obstruct implementation of the applicable air quality plan?

No Impact. Air quality in Orange County is regulated by the South Coast Air Quality Management District (South Coast AQMD), which is the agency principally responsible for comprehensive air pollution control in the SoCAB. The South Coast AQMD develops rules and regulations; establishes permitting requirements for stationary sources; inspects emissions sources; and enforces such measures through educational programs or fines, when necessary. The South Coast AQMD is directly responsible for reducing emissions from stationary (area and point), mobile, and indirect sources. It has responded to this requirement by preparing a sequence of Air Quality Management Plans (AQMPs).

On March 3, 2017, the South Coast AQMD adopted the 2016 AQMP, which is a regional and multi-agency effort (South Coast AQMD, CARB, Southern California Association of Governments [SCAG], and USEPA). The 2016 AQMP incorporates the latest scientific and technical information and planning assumptions, including the 2016–2040 Regional Transportation Plan/Sustainable Communities Strategy; updated emission inventory methodologies for various source categories; and SCAG's latest growth forecasts. The main purpose of an AQMP is to bring an area into compliance with the requirements of federal and State air quality standards.

The two principal criteria for conformance to an AQMP are the following:

1. Whether the project would result in an increase in the frequency or severity of existing air quality violations; cause or contribute to new violations; or delay timely attainment of air quality standards and
2. Whether the project would exceed the assumptions in the AQMP.

As noted previously in Table 2, the Orange County portion of the SoCAB is a nonattainment area for O₃, PM₁₀, and PM_{2.5}. With respect to the first criterion, the following analyses demonstrate that the Project would not (1) generate short-term or long-term emissions of VOCs, oxides of nitrogen (NO_x, which are O₃ precursors), or PM_{2.5} that could potentially cause an increase in the frequency or severity of existing air quality violations; (2) cause or contribute to new violations; or (3) delay timely attainment of air quality standards.

The South Coast AQMD has developed significance thresholds to determine whether State and federal air quality standards would be violated or whether a substantial contribution to a violation would occur. These significance thresholds have been developed for the construction and operations phases of the Project and examine the potential impacts of the Project's emissions on both a regional and local context. As discussed in the response to CEQA Checklist Question III.B, both short- and long-term emissions associated with the Project would be below the regional and localized air quality significance adopted by the South Coast AQMD for CEQA evaluations. These South Coast AQMD significance thresholds were developed to assess whether an individual project would individually or cumulatively contribute to exceedances of the ambient air quality standards. Therefore, regarding the first criterion for conformance to an AQMP, the Project would not (1) generate short-term or long-term emissions of VOCs, NO_x, or PM_{2.5} that could potentially cause an increase in the frequency or severity of existing air quality violations; (2) cause or contribute to new violations; or (3) delay timely attainment of air quality standards.

With respect to the second criterion, the Project would not increase or modify SCAG's population, housing, or employment projections. The proposed Project is designed to develop redundant

water pipeline infrastructure. Therefore, the Project would not directly affect population, housing, or employment projections and would be consistent with the region's AQMP. There would be a less than significant impact, and no mitigation is required.

b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable Federal or State ambient air quality standard?

Less than Significant Impact. The Project is evaluated for construction and operations phase emissions against significance thresholds adopted by the South Coast AQMD in the following evaluations of potential air quality impacts for CEQA.

Construction Emissions – Regional

Criteria pollutant emissions would occur during construction from operation of construction equipment; grading and earth-moving activities, which would generate fugitive dust; export of excavated soil; import of construction materials; and operation of vehicles driven to and from the site by construction workers. Emissions would vary from day to day, depending on the level of activity; the specific type of construction activity occurring; and, for fugitive dust, prevailing weather conditions.

A construction-period mass emissions inventory was compiled based on an estimate of construction equipment as well as scheduling and Project phasing assumptions. More specifically, the mass emissions analysis considers the following:

- Combustion emissions from operating on-site stationary and mobile construction equipment;
- Fugitive dust emissions from demolition, site preparation, and grading phases; and
- Mobile-source combustion emissions and fugitive dust from worker commute and truck travel.

Project emissions were estimated using the California Emissions Estimator Model (CalEEMod) version 2020.4.0 computer program (CAPCOA 2022). CalEEMod is designed to model construction and operational emissions for land development projects and allows for the input of project- and County-specific information. CalEEMod has separate databases for specific counties and air districts, and the Orange County database was used for the proposed Project.

The mass emissions thresholds (see Table 4) are based on the rate of emissions (i.e., pounds of pollutants emitted per day). Therefore, the quantity, duration, and intensity of construction activity are important in ensuring the analysis of worst case (i.e., maximum daily emissions) scenarios. The Project activities (e.g., excavation, building) are identified by start date and duration. Each activity has associated off-road equipment (e.g., excavators, cranes) and on-road vehicles (e.g., haul trucks, concrete trucks, worker commute vehicles).

For the purposes of estimating emissions associated with construction activities, a 12-month timeframe was applied to the analysis. Construction hauling truck trips were estimated based on the phase length and amount of demolition debris and soil exported from the Project site. Project-specific inputs can be found in the CalEEMod output data, located in Appendix A of this IS/MND.

Dust control by watering was assumed, consistent with the requirements of South Coast AQMD Rule 403.

Maximum daily emissions for the peak workday are shown in Table 5, Estimated Maximum Daily Construction Emissions. If construction is delayed or occurs over a longer time period, emissions could be reduced because of (1) a more modern and cleaner-burning construction equipment fleet mix and/or (2) a less intensive buildout schedule (i.e., fewer daily emissions occurring over a longer time interval). As shown, all criteria pollutant emissions would be less than their respective thresholds. Thus, regional construction-related impacts would be less than significant.

TABLE 5
ESTIMATED MAXIMUM DAILY CONSTRUCTION EMISSIONS
(LBS/DAY)

Maximum Daily Emissions	VOC	NOx	CO	SOx	PM10	PM2.5
2022	1	6	7	<1	<1	<1
2023	1	9	9	<1	1	<1
Maximum	1	9	9	<1	1	<1
South Coast AQMD Daily Thresholds (Table 4)	75	100	550	150	150	55
Exceeds South Coast AQMD Thresholds?	No	No	No	No	No	No
lbs/day: pounds per day; VOC: volatile organic compound(s); NOx: nitrogen oxides; CO: carbon monoxide; SOx: sulfur oxides; PM10: inhalable particulate matter with a diameter of 10 microns or less; PM2.5: fine particulate matter with a diameter of 2.5 microns or less; South Coast AQMD: South Coast Air Quality Management District.						
Source: CalEEMod data in Appendix A.						

Construction Emissions – Local/Ambient Air Quality

The localized effects from the on-site portion of daily emissions were evaluated at receptor locations potentially impacted by the Project according to the South Coast AQMD's localized significance threshold (LST) method, which utilizes on-site emissions rate look up tables and Project-specific modeling, where appropriate. LSTs are applicable to the following criteria pollutants: NO₂, CO, PM10, and PM2.5. LSTs represent the maximum emissions from a project that are not expected to cause or contribute to an exceedance of the most stringent applicable federal or State ambient air quality standard and are developed based on the ambient concentrations of that pollutant for each source receptor area and distance to the nearest receptor. For the LST CO and NO₂ exposure analysis, receptors who could be exposed for one hour or more are considered. For PM10 and PM2.5 exposure analysis, receptors who could be exposed for 24 hours are considered. The mass rate look-up tables were developed for each source receptor area and can be used to determine whether a project may generate significant adverse localized air quality impacts. The South Coast AQMD provides LST mass rate look-up tables for projects that are less than or equal to five acres, which means this is the appropriate method for the Project. When quantifying mass emissions for localized analysis, only emissions that occur on site are considered. Consistent with the South Coast AQMD's LST method guidelines, emissions related to off-site delivery/haul truck activity and employee trips are not considered in the evaluation of localized impacts.

As shown in Table 6, localized emissions for all criteria pollutants would be less than their respective South Coast AQMD LSTs for all pollutants. Thus, localized construction-related impacts would be less than significant, and no mitigation is required.

TABLE 6
LOCALIZED CONSTRUCTION POLLUTANT EMISSIONS
(LBS/DAY)

	NOx	CO	PM10	PM2.5
Maximum Daily Emissions	8	8	<1	<1
South Coast AQMD LSTs*	103	522	4	3
Exceeds South Coast AQMD Thresholds?	No	No	No	No
lbs/day: pounds per day; NOx: nitrogen oxides; CO: carbon monoxide; PM10: respirable particulate matter with a diameter of 10 microns or less; PM2.5: fine particulate matter with a diameter of 2.5 microns or less; South Coast AQMD: South Coast Air Quality Management District; LST: Localized Significance Threshold.				
* Thresholds for Source Receptor Area 20, Central Orange County Coastal, 1-acre site, 54-meter receptor distance				
Source: South Coast AQMD 2009.				

Long-Term Operational Emissions

The Project would develop redundant water pipeline infrastructure. The Project does not involve the generation of additional day-to-day vehicle trips, except for infrequent inspection and maintenance related trips, nor would it require additional energy demands. Because the Project would not involve recurring air pollutant emissions during the operations phase, the impact related to long-term operational emissions would be less than significant, and no mitigation is required.

c) Expose sensitive receptors to substantial pollutant concentrations?

Less Than Significant Impact. Exposure of sensitive receptors is addressed for the following situations: CO hotspots; criteria pollutants from on-site construction; and TACs from on-site construction.

Carbon Monoxide Hotspot

A CO hotspot is an area of localized CO pollution caused by severe vehicle congestion on major roadways, typically near intersections. If a project increases average delay at signalized intersections operating at level of service (LOS) E or F or causes an intersection that would operate at LOS D or better without the project to operate at LOS E or F with the project, a quantitative screening is required. As discussed in the response to CEQA Checklist Question III.b, operational traffic would be negligible. Thus, it may be inferred that the Project would neither cause new severe congestion nor significantly worsen existing congestion. There would be no potential for a CO hotspot or exposure of sensitive receptors to substantial, Project-generated local CO emissions. The impact would be less than significant, and no mitigation is required.

Criteria Pollutants from On-Site Construction

Exposure of persons to NO₂, CO, PM10, and PM2.5 emissions is discussed in the LST analysis under CEQA Checklist Question III.b above. As discussed, there would be a less than significant impact, and no mitigation is required.

Toxic Air Contaminant (Diesel PM) Emissions from On-Site Construction

Construction activities would result in short-term, Project-generated emissions of diesel PM from the exhaust of off-road, heavy-duty diesel equipment used for site preparation (e.g., demolition, excavation, and grading); paving; and building construction. CARB identified diesel PM as a TAC

in 1998. The dose to which receptors are exposed is the primary factor used to determine health risk. Dose is a function of the concentration of a substance or substances in the environment and the duration of exposure to the substance. Thus, the risks estimated for a maximally exposed individual are higher if a fixed exposure occurs over a longer time period. According to the Office of Environmental Health Hazard Assessment, health risk assessments—which determine the exposure of sensitive receptors to TAC emissions—should be based on a 30- to 70-year exposure period; however, such assessments should be limited to the period/duration of activities associated with a project.

For the Project, there would be few pieces of off-road, heavy-duty diesel equipment in operation, and the construction period would be short when compared to a 30- to 70-year exposure period. When considering these facts combined with the highly dispersive properties of diesel PM and additional reductions in particulate emissions from newer construction equipment, as required by USEPA and CARB regulations, it can be concluded that TAC emissions during construction of the Project would not expose sensitive receptors to substantial emissions of TACs. There would be a less than significant impact, and no mitigation is required.

d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Less than Significant Impact. The Project would not result in other emissions that would affect a substantial number of people. Objectionable odors are generally associated with agricultural activities; landfills and transfer stations; the generation or treatment of sewage; the use or generation of chemicals; food processing; or other activities that generate unpleasant odors (South Coast AQMD 1993). The proposed Project would involve the development of redundant water pipeline infrastructure. None of the proposed Project elements would generate emissions that would lead to objectionable odors. Objectionable odors associated with operations would not change from the existing conditions. There would be a less than significant impact, and no mitigation is required.

During construction, the proposed Project would operate equipment that may generate odors resulting from on-site construction equipment's diesel exhaust emissions or paving operations. However, these odors would be temporary and would dissipate rapidly from the source with an increase in distance such that it would not be considered a public nuisance. The Project would also be regulated from nuisance odors and other objectionable emissions by South Coast AQMD Rule 402. Rule 402 prohibits discharge from any source of air contaminants or other material which would cause injury, detriment, nuisance, or annoyance to people or the public. Therefore, Project odors would be considered less than significant, and no mitigation is required.

IV. BIOLOGICAL RESOURCES

The California Native Plant Society's (CNPS's) Inventory of Rare and Endangered Vascular Plants of California (CNPS 2022) and the California Department of Fish and Wildlife's (CDFW's) California Natural Diversity Database (CDFW 2022) were reviewed prior to conducting a survey of the Project site to identify special status plants, wildlife, and habitats known to occur within the Project vicinity. Database searches included the U.S. Geological Survey's Orange and Yorba Linda 7.5-minute quadrangles.

Psomas Senior Biologist Allison Rudalevige conducted a field survey on April 7, 2022, to document biological and jurisdictional water resources on the Project site. The area surveyed consists of a 100-foot buffer on either side of the northern and southern pipeline segments.

Ornamental landscaping is associated with developed areas and includes species such as pine (*Pinus* sp.), coast live oak (*Quercus agrifolia*), India hawthorn (*Raphiolepis indica*), pride of Madeira (*Echium candicans*), freeway iceplant (*Carpobrotus edulis*), rosemary (*Salvia rosmarinus*), bougainvillea (*Bougainvillea* sp.), and turf grass. A small patch (i.e., approximately 900 sf) of ruderal/non-native grass intermixed with native species occurs on the north side of Veterans Way just east of its terminus. Non-native species include wall barley (*Hordeum murinum*), ripgut grass (*Bromus diandrus*), red brome (*Bromus rubens*), Bermuda grass (*Cynodon dactylon*), shortpod mustard (*Hirschfeldia incana*), Russian thistle (*Salsola tragus*), tocalote (*Centaurea melitensis*), cheeseweed (*Malva parviflora*), and redstem filaree (*Erodium cicutarium*); native species include scattered California poppy (*Eschscholzia californica*), miniature lupine (*Lupinus bicolor*), and jimson weed (*Datura wrightii*).

In general, the Project site provides limited habitat value for wildlife as it is comprised almost entirely of developed areas and ornamental vegetation. Only wildlife species acclimated to an urban environment are expected to occur on the Project site. Bird species observed in the vicinity during the survey include mallard (*Anas platyrhynchos*), mourning dove (*Zenaida macroura*), and American crow (*Corvus brachyrhynchos*). Common amphibian species that may occur in Atwood Channel include California toad (*Anaxyrus boreas halophilus*). Common reptile species that may occur in the vicinity include western fence lizard (*Sceloporus occidentalis*), side-blotched lizard (*Uta stansburiana*), and alligator lizard (*Elgaria multicarinata*). Small mammal species that may occur in the vicinity include the California ground squirrel (*Spermophilus beecheyi*) and deer mouse (*Peromyscus* sp.). Medium- to large-sized mammals that may occur in the vicinity include coyote (*Canis latrans*), northern raccoon (*Procyon lotor*), and striped skunk (*Mephitis mephitis*).

IMPACT ANALYSIS

Would the Project:

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

Less than Significant Impact. The Project site is comprised almost entirely of developed areas with only ornamental vegetation. The approximate 900-sf area containing a mix of native and non-native species is too small and disconnected from larger areas of native vegetation to provide suitable habitat for special status species. Additionally, this area was developed prior to construction of Veterans Way between 2014 and 2015.

Chaparral sand verbena (*Abronia villosa* var. *aurita*; California Rare Plant Rank 1B.1) has been historically reported approximately one mile from the Project site (CDFW 2022). No current observations have been made from this portion of Orange County; records are from 1935 or prior. Suitable habitat for this species is not present on the Project site. No other special status plant species have been reported in the immediate Project vicinity; most special status plant species occurrences reported from the literature review occur in the Santa Ana Mountains and foothills, east of the Project site. Due to the highly disturbed nature of the Project site and lack of natural habitat, special status plant species are not expected to occur on the Project site. Therefore, there would be no significant impact on special status plant species, and no mitigation would be required.

Santa Ana sucker (*Catostomus santaanae*; federally Threatened species) has been reported approximately 1.3 mile from the Project site in the Santa Ana River (CDFW 2022). However, the Atwood Channel does not provide suitable habitat for this species and the connection between

the Santa Ana River and Atwood Channel does not provide suitable habitat; therefore, Santa Ana sucker is not expected to occur on the Project site. Therefore, there would be no significant impact on this species, and no mitigation would be required.

California least tern (*Sternula antillarum browni*; federally and State Endangered species; Fully Protected species) has been reported nesting on islands at large groundwater recharge basins within two miles of the Project site (CDFW 2022). While there is potential for the species to forage along the Atwood Channel, there is no suitable nesting habitat on the Project site. Active construction may temporarily make a small amount of foraging habitat unavailable, but there is comparable and higher quality habitat in the Project vicinity and Project impacts would not result in the permanent loss of foraging habitat for this species. Therefore, there would be no significant impact on this species, and no mitigation would be required.

Suitable habitat is not present on the Project site for other special status wildlife species reported in the literature review. Therefore, there would be no significant impact on special status wildlife species, and no mitigation would be required.

- b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or US Fish and Wildlife Services? and**
- c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?**

Less Than Significant With Mitigation. The Project proposes to construct a portion of the new pipeline across and above Atwood Channel. A jurisdictional delineation was performed on April 7, 2022; see Appendix B for the full report. Based on the results of the jurisdictional delineation, the Atwood Channel contains wetland and non-wetland waters of the United States under the regulatory authority of the U.S. Army Corps of Engineers (USACE), wetland and non-wetland waters of the State under the regulatory authority of the Regional Water Quality Control Board (RWQCB), and waters under the regulatory authority of the CDFW. Based on current Project plans, the new pipeline would span Atwood Channel. Therefore, there are no anticipated direct impacts on areas under the jurisdiction of the USACE, the RWQCB, or the CDFW, and no permits/certifications/agreements from these agencies would be required. If Project design changes require modifications to the Atwood Channel, then permit authorization from the regulatory authorities would be required.

Any change to water quality could affect biological resources (e.g., wetlands) that occur in the Atwood Channel. During construction, runoff carrying excessive silt or petroleum residues from construction equipment have the potential to impact water quality. Impacts on water quality or increases in dust would be considered potentially significant. As discussed in Section X, Hydrology and Water Quality, YLWD would require the Construction Contractor to include Best Management Practices (BMPs) in the Stormwater Pollution Prevention Plan (SWPPP) for the Project to minimize soil erosion and sedimentation from the Project site. Implementation of **MM HYDRO-1**, detailed in Section X, Hydrology and Water Quality, which requires preparation of a SWPPP and BMPs, would be required to reduce this impact to a less than significant level.

- d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?**

Less than Significant Impact. The Project site is currently developed and is surrounded by other developed areas. Common, urban-acclimated wildlife species may move through the area, particularly along the Atwood Channel and rail line. Construction noise may deter wildlife from using these areas. However, most wildlife movement would occur at night when construction activities would not occur. Therefore, there may be a temporary adverse impact on wildlife movement, but impacts would be less than significant, and no mitigation would be required.

- e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?**

Less Than Significant With Mitigation. On July 20, 2020, the City Council adopted the Urban Forest Protection Ordinance via Ordinance No. O-2020-04 amending Title 14 of the Placentia Municipal Code. This ordinance regulates the planting, removal, and maintenance of City trees by anyone other than the City. A “City tree” is defined as any tree which is located in a place or area under ownership or control of the City including, but without limitation, to streets, parkways, open space, and City-owned property. Under this ordinance, the removal of any City tree requires City review and approval. Based on current Project plans, one tree would be removed and replaced. However, this tree is located on private property and so would not fall under the provisions of the City Ordinance and an impact would not occur.

Raptor species (i.e., birds of prey) have potential to nest in ornamental trees within and adjacent to the Project site. If construction occurs during the raptor nesting season (i.e., February 1 to June 30), the loss of an active nest of any raptor species, including common raptor species, would be considered a violation of Sections 3503, 3503.5, and 3513 of the *California Fish and Game Code* and would be a significant impact. Implementation of **MM BIO-1** which requires vegetation removal outside of the breeding season or establishing a protective buffer until the nest is no longer active would be required to reduce this impact to a less than significant level.

Other common bird species also have potential to nest in ornamental trees and shrubs within and adjacent to the Project site; ground-nesting birds such as killdeer (*Charadrius vociferus*) may also occur. The Migratory Bird Treaty Act (MBTA) protects the taking of migratory birds and their nests and eggs. Bird species protected under the provisions of the MBTA are identified by the List of Migratory Birds (*Code of Federal Regulations*, Title 50, §10.13). Any impact on an active bird nest would be considered a violation of the MBTA and would be considered significant. Implementation of **MM BIO-1** would be required to reduce this impact to a less than significant level.

- f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or State habitat conservation plan?**

No Impact. The Project site is not located within the boundary of a Habitat Conservation Plan, Natural Community Conservation Plan, or other approved conservation plan. Therefore, there would be no impact.

MITIGATION PROGRAM

Mitigation Measures

MM BIO-1 To the extent possible, vegetation removal will be conducted during the non-breeding season (September 1 to January 31) in order to minimize direct impacts on nesting birds and raptors. If construction activities would be initiated during the breeding season for nesting birds/raptors (i.e., February 1–August 31), a pre-construction survey will be conducted by a qualified Biologist within five days prior to the initiation of construction (including demolition of structures). The nesting bird/raptor survey area will include a buffer of 300 feet around the work area for nesting birds and a buffer of 500 feet around the work area for nesting raptors (including burrowing owl). If no active nests are found, no further mitigation will be required.

If the Biologist finds an active nest within or immediately adjacent to the construction area, and determines that the nest may be impacted or breeding activities substantially disrupted by increased activity around the nest, the Biologist will determine an appropriate protective buffer around the nest depending on the sensitivity of the species and the nature of the construction activity. The protective buffer shall be between 25 to 300 feet for nesting birds; 300 to 500 feet for nesting raptors. The active nest will be protected within the designated buffer until nesting activity has ended. Any protective buffers will be mapped on construction plans and designated as “Environmentally Sensitive Areas”. Construction can proceed within the protective buffer when the qualified Biologist has determined that the nest is no longer active (i.e., fledglings have left the nest or the nest has failed).

V. CULTURAL RESOURCES

Information in the section is based upon the records searches and literature reviews of information available from the South-Central Coastal Information Center (SCCIC) and the Native American Heritage Commission (NAHC), compiled as Appendix C to this IS/MND.

South-Central Coastal Information Center Cultural Resources Records and Literature Review

A literature review of documents on file at the SCCIC at California State University, Fullerton was completed on May 24, 2022. The results of the record search yielded 13 studies (Table 7) within a half mile from the Project site. In general, these studies consisted of archaeological reconnaissance or cultural resource assessments conducted between 1967–2014. Two studies (OR-02558 and OR-04104) reviewed the Project site as part of an overview study of the geographic area.

TABLE 7
CULTURAL RESOURCES STUDIES WITHIN ½-MILE
OF THE PROJECT SITE

Report Number	Year and Author	Report Title	Proximity to Project Site
OR-00168	Scientific Resource Surveys, Inc. (1977)	Archaeological Survey Report on Parcels 1, 2, and 3 (4.8 Acres) of Lot 14 in Block 36 of the Yorba Linda Tract in the County of Orange	Outside
OR-00203	Archaeological Associates, Ltd. (1978)	Ultrasystems Project #: Archaeological Report	Outside
OR-00557	N/A (1967)	Report on an Archaeological Survey in the Orchard Drive Watershed	Outside
OR-01596	University of California, Los Angeles (1974)	Preliminary Report of the Potential Impact on Archaeological Resources of the Proposed Gas Transmission Pipeline From Los Angeles Harbor to Yorba Linda - Southern California Gas Co.: Environmental Analysis	Outside
OR-02256	Archaeological Resource Management Corp. (1999)	Cultural Resources Assessments for Orange County Sanitation Districts	Outside
OR-02501	LSA Associates, Inc. (1994)	Cultural Resources Assessment for Five Vacant Lots and 42 Potential Historic Buildings Within the Northeast Anaheim Redevelopment Area, Orange County, California	Outside
OR-02558	LSA Associates, Inc. (2002)	Cultural Resource Assessment: Orange County Water District Lakeview Water Transfer Pipeline Project, Cities of Placentia and Anaheim, County of Orange, Ca	Within
OR-02788	EarthTouch, LLC. (2002)	Cultural Resource Assessment for the Orangethorpe (cinsna-58) Cellular Facility in Placentia, California	Outside
OR-03104	W.H. Bonner Associates (2002)	Records Search Results for Cingular Wireless Site Sc-105-03 (the OC Rebuilding Site), Located at 4616 E. La Palma, Anaheim, Orange County, California	Outside
OR-03533	Cellular Archaeological Resource Evaluations (2008)	A Records Search and Field Reconnaissance for the Proposed Bechtel Wireless Telecommunications Site OC0192 (Silver State Trailways), Located at 701 South Fee Ana Street, Placentia, California 92870.	Outside
OR-03612	SWCA Environmental Consultants, Inc. (2003)	A Cultural Resources Literature Review and Field Reconnaissance for the Proposed Mariposa Senior Citizen Apartment Complex, Located in Yorba Linda, California	Outside
OR-04043	IBI Group (1993)	Northeast Area Specific Plan No. 93-1 and Draft Program Environmental Impact Report No. 317	Outside
OR-04079	Marsh and Associates (1988)	Placentia Historic Resources Survey	Outside
OR-04104	City of Placentia and Placentia Historical Committee (2002)	Historic Resource Inventory for the City of Placentia: Update 2002	Within
OR-04326	BonTerra Psomas (2014)	Highland Reservoir Cultural Resources Report	Outside
Source: SCCIC 2022.			

One historical resource was identified within the Project site. This historic structure was identified as a house located at 1924 East Orangeview Avenue in the City of Placentia. Additionally, the

literature review and record search at the SCCIC identified one other resource (P-30-000593) within a half-mile of the Project site (refer to Table 8) and outside of the proposed area of work. This cultural resource is a prehistoric site described as a lithic scatter (remnants of stone tool production) with habitation debris. The archaeological artifacts documented on the surface of the site were collected by California State University in 1975.

TABLE 8
CULTURAL RESOURCES WITHIN ½-MILE OF THE PROJECT SITE

Primary/Trinomial Number	Recorder/Year	Resource Description	Age	Proximity to Project Site
P-30-000593/CA-ORA-000593	1975, California State University, Fullerton	Lithic scatter and habitation debris	Prehistoric	Outside
P-30-176738	2003, LSA Associates, Inc.	1924 East Orangeview Avenue Placentia, CA 92870	Historic	Within
Source: SCCIC 2022.				

Native American Heritage Commission Sacred Lands File Search

Psomas submitted a request to the NAHC on February 22, 2022, to review the Sacred Lands File database regarding the possibility of Native American cultural resources and/or sacred places in the project vicinity that are not documented on other databases. The results from the NAHC were received on April 4, 2022. Based on revisions to the project location, updated results from the NAHC were received on May 19, 2022. The results of the Sacred Lands File (SLF) search conducted through the NAHC were positive. The NAHC recommends that the lead agency contact the Juaneño Band of Mission Indians Acjachemen Nation – Belardes, in addition to any tribes that are traditionally and culturally affiliated with the geographic area. YLWD contacted the tribes listed on their consultation list on April 19, 2022. The consultation results are discussed in Section XVIII, Tribal Cultural Resources.

IMPACT ANALYSIS

Would the Project:

- a) **Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?**

No Impact. A significant impact could occur if the Project were to disturb historic resources that presently exist within the Project site. Section 15064.5 of the CEQA Guidelines generally defines a historic resource as a resource that is (1) listed in or determined to be eligible for listing in the California Register of Historical Resources (California Register); (2) included in a local register of historical resources (pursuant to Section 5020.1(k) of the Public Resources Code); or (3) identified as significant in an historical resources survey (meeting the criteria in Section 5024.1(g) of the Public Resources Code). Additionally, any object, building, structure, site, area, place, record, or manuscript that a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California may be considered to be an historical resource, provided the lead agency's determination is supported by substantial evidence in light of the whole record. Generally, a resource shall be considered by the lead agency to be "historically significant" if the resource meets the criteria for listing on the California Register. The California Register automatically includes all properties listed in the National Register of Historic Places and those formally determined to be eligible for listing in the National Register.

The SCCIC record search and literature review identified one built structure that may be considered a historic resource near the Project site. This historic structure was identified as a house located at 1924 East Orangeview Avenue in the City of Placentia. However, this property has since been demolished and rebuilt with apartments. Therefore, the Project will not cause an adverse change in the significance of a historical resource.

b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?

Less than Significant With Mitigation. A significant impact could occur if grading or excavation activities associated with the Project were to disturb archaeological resources that presently exist within the Project site. There are no known archaeological sites on the Project site. The SCCIC record search and literature review identified one prehistoric archaeological resource located within a half-mile of the Project site. As such, there is the possibility that undiscovered intact archaeological resources may be present below the surface in native sediments. These potential effects would be mitigated to a less than significant level with the implementation of **MM CULT-1** requiring evaluation of a resources by a qualified professional archaeologist.

c) Disturb any human remains, including those interred outside of formal cemeteries?

Less than Significant With Mitigation. A significant impact could occur if grading or excavation activities associated with the Project were to disturb previously interred human remains. The Project site is located within a developed area that has been subject to earth-moving activities in the past, and no known burial sites are located on or adjacent to the Project site. In the unlikely event of an unanticipated encounter with human remains in Project site, the *California Health and Safety Code* and the *California Public Resources Code* require that any activity in the area of a potential find be halted and the Orange County Coroner be notified, as described in **MM CULT-2**. Implementation of **MM CULT-2** would reduce this impact to a less than significant level.

MITIGATION PROGRAM

Mitigation Measures

MM CULT-1 In the event that cultural (archaeological) resources are inadvertently unearthed during excavation activities, the contractor shall immediately cease all earth-disturbing activities within a 100-foot radius of the area of discovery and the contractor shall contact YLWD immediately. YLWD shall retain a qualified professional archaeologist to evaluate the significance of the find, and in consultation with YLWD, determine an appropriate course of action. If the archaeological resources are found to be significant, the archeologist, in consultation with YLWD, shall determine appropriate actions for exploration and salvage. After the find has been appropriately avoided or mitigated, work in the area may resume.

MM CULT-2 In accordance with Section 7050.5 of the *California Health and Safety Code*, if human remains are found during ground-disturbing activities, no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent remains shall occur. The County Coroner shall be notified of the discovery immediately. If the County Coroner determines that the remains are or believed to be Native American, s/he shall notify the NAHC in Sacramento within 24 hours of the discovery. In accordance with Section 5097.98 of the *California Public Resources Code*, the NAHC must immediately notify those persons it believes to be the most likely descended from the deceased Native American. The

descendants shall complete their inspection within 48 hours of being granted access to the site by YLWD. YLWD would meet and confer with the most likely descendant regarding their recommendations prior to disturbing the site by further construction activity.

VI. ENERGY

IMPACT ANALYSIS

Would the Project:

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

Less than Significant Impact. Energy consumption attributable to the Project's construction and operations phases is evaluated in the following:

Construction

Project construction would require the use of construction equipment for excavation and building activities; all off-road construction equipment is assumed to use diesel fuel. Fuel energy consumed during construction would be temporary in nature and would not occur after completion of construction activities. Due to the limited number of vehicles and equipment and the limited duration of construction activities, construction-related fuel energy consumption would also not represent a significant demand on energy resources. Furthermore, there are no unusual Project characteristics that would necessitate the use of construction equipment that would be less energy-efficient than at comparable construction sites in other parts of the State. Therefore, the proposed construction activities would not result in inefficient, wasteful, or unnecessary fuel consumption.

Operations

The proposed Project is designed to develop redundant water pipeline infrastructure. Because the Project would provide more secure water infrastructure to the YLWD service area, the proposed Project would not result in an inefficient, wasteful, or unnecessary consumption of energy. There would be a less than significant impact, and no mitigation is required.

- b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?**

No Impact.

The Project would not result in additional energy consumption because the Project does not involve the generation of additional day-to-day vehicle trips, except for infrequent inspection and maintenance related trips, nor would it require additional energy demands from the electrical grid. Because there is no additional energy demand from the Project, it would not conflict with or obstruct a State or local plan for renewable energy or energy efficiency.

VII. GEOLOGY AND SOILS

IMPACT ANALYSIS

- a) **Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:**
 - i) **Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42?**
 - ii) **Strong seismic ground shaking?**

Less than Significant Impact. According to the City of Placentia's General Plan Seismic Safety Element, the City is located in seismically active Southern California. Active and potentially active faults (defined by the California Geologic Survey [CGS] as faults that have been active in the past 1.5 million years) are located adjacent to Placentia; however, there are no Alquist-Priolo Earthquake Fault Zones within the city limits. Maps of Earthquake Fault Zones have been published by the CGS in accordance with the Alquist-Priolo Special Studies Zone Act, 1994, which regulates development near active faults. Although Placentia does not lie within an Alquist-Priolo Earthquake Fault Zone, seismic risk is still considered high because of the proximity to other active Alquist-Priolo faulting in the region (Placentia 2019e). Major faults that have potential to impact the City are shown in Exhibit 7-1, Regional Faults of the General Plan Safety Element. The faults shown on this map are summarized below:

1. Yorba Linda seismic source zone is a group of faults located approximately 0.3 miles northeast of the City of Placentia.
2. The Puente Hills (Coyote Hills) is a northwest trending blind Thrust Fault system that extends approximately 26 miles between downtown Los Angeles and northern Orange County. Locally the approximate location of the fault is between Whittier fault and the City of Placentia.
3. The Peralta Hills thrust fault is located approximately 3 miles southeast of the City of Placentia.
4. The Whittier Fault is approximately 3.8 mile north of the center of the City of Placentia.
5. The Newport-Inglewood Structural Zone is located approximately 14.6 miles southwest of the City of Placentia.
6. The Sierra Madre Fault is located approximately 17 miles north of the City of Placentia.
7. The San Jacinto Fault is located approximately 34 miles northeast of the City of Placentia.
8. The San Andreas Fault is located approximately 36 miles north of the City of Placentia.
9. The Norwalk Fault is located approximately 4.5 miles west-northwest of the City of Placentia.

Although surface rupture is not considered to be a major concern for the City of Placentia, it is still likely that the City will be subject to some moderate to severe seismic ground shaking (Placentia 2019e). Adherence to standard engineering practices and design criteria as contained in the *California Building Code* (CBC) relative to seismic and geological hazards would ensure that impacts related to seismic ground shaking would be less than significant. Therefore, impacts would be less than significant, and no mitigation is required.

iii) Seismic-related ground failure, including liquefaction?

Less Than Significant Impact. Soil liquefaction is a seismically induced form of ground failure, which has been a major cause of earthquake damage in Southern California. Liquefaction takes place when granular materials that are saturated by water lose strength and transform from a solid to a liquid state. Liquefaction generally occurs during significant earthquake activity, and structures located on saturated granular soils such as silt or sand may experience significant damage during an earthquake due to the instability of structural foundations and the moving earth. Soils most susceptible to liquefaction are saturated, loose, uniformly graded, fine-grained sand deposits. However, silty sands and sandy silts have also been reported to be susceptible to liquefaction or partial liquefaction.

Potential problems associated with soil liquefaction include ground surface settlement (i.e., vertical movement of the ground), loss of foundation bearing support strength, and lateral spreading (i.e., landslides) (Placentia 2019e). According to the California Department of Conservation, Division of Mines and Geology, areas of high liquefaction potential for the City of Placentia are provided in Exhibit 7-2, Potential Liquefaction and Landslide Hazard Zones, of the General Plan Safety Element. The Project site is located within an area of high potential for seismically-induced liquefaction (Placentia 2019e). However, the City's building codes require structures in liquefaction areas to be designed to withstand the potential impacts that could be caused by liquefaction. Because the Project would be constructed in compliance with the City's building codes and standard engineering practices, impacts related to the potential for liquefaction, lateral spreading, and seismic compaction are considered less than significant, and no mitigation is required.

iv) Landslides?

Less Than Significant Impact. According to the City of Placentia's General Plan Seismic Safety Element, slope failure can occur as either rapid movement of large masses of soil ("landslide") or slow, continuous movement ("creep"). Landslides result from the downward movement of earth or rock materials that have been influenced by gravity. In general, landslides occur due to various factors including steep slope conditions, erosion, rainfall, groundwater, nature of the underlying soil or bedrock, previous landslide deposits, and grading impacts (Placentia 2019e).

The majority of City of Placentia has not been mapped as being within a zone susceptible to landslide as designated by the State of California Seismic Hazard Zones, Yorba Linda Quadrangle (Placentia 2019e). However, a few local slope instabilities appear in the northwest area of the City, just south side of Anaheim Union Reservoir in Tri City Park. Landslide potential within the City is shown in Exhibit 7-2, Potential Liquefaction and Landslide Hazard Zones, of the General Plan Safety Element. The Project site is not located within an area that is designated by the State of California as a Zone of Required Investigation for Earthquake-Induced Landslides (Placentia 2019e). Therefore, the proposed Project would not be exposed to or impacted by a landslide. Impacts would be less than significant, and no mitigation is required.

b) Result in substantial soil erosion or the loss of topsoil?

- c) **Less Than Significant With Mitigation.** As discussed in Section X, Hydrology and Water Quality, YLWD would require the Construction Contractor to include Best Management Practices (BMPs) in the Stormwater Pollution Prevention Plan (SWPPP) for the Project to minimize soil erosion and sedimentation from the Project site. Implementation of **MM HYDRO-1**, detailed in Section X, Hydrology and Water Quality, which requires preparation of a SWPPP and BMPs, would be required to reduce this impact to a less than significant level. **Be located on a geologic unit or soil that is**

- unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse? and
- d) **Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?**

Less Than Significant Impact. Seismic hazards, including liquefaction, lateral spreading, and landslides are addressed in CEQA Checklist Questions VI.a (iii–iv).

Subsidence

The major cause of ground subsidence is the excessive withdrawal of groundwater. The Project site is not in a subsidence area mapped by the US Geological Survey (USGS 2022). Project development would not cause subsidence hazards onsite, and no impact would occur.

Collapsible Soils

Collapsible soils shrink upon being wetted and/or being subject to a load. The Project would be designed and built in compliance with CBC requirements which would remediate on-site soils and reduce any potential impacts related to collapsible soils; therefore, impacts would be less than significant.

After compliance with CBC regulations, project development would not cause substantial hazards arising from collapsible soils. Impacts would be less than significant.

Expansive Soils

Expansive soils contain substantial amounts of clay that swells when wetted and shrinks when dried; the swelling or shrinking can shift, crack, or break structures built on such soils. As such, the proposed Project would be designed and constructed in accordance with the CBC seismic safety requirements which would remediate on-site soils and eliminate any potential impacts related to expansive soils; therefore, impacts would be less than significant.

- e) **Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?**

No Impact. The proposed Project would not involve the use of septic tanks or alternative wastewater disposal systems. No impacts would occur, and no mitigation is required.

- f) **Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?**

Less Than Significant With Mitigation. A paleontological records search was requested from the Natural History Museum of Los Angeles County (LACM), Vertebrate Paleontology Department on April 15, 2022, and results were received on April 24, 2022. The results indicate that there are no fossil localities that lie directly within the proposed Project site; however, there are fossil localities nearby from the same sedimentary deposits that occur in the proposed Project site, either at the surface or at depth. Therefore, the Project would not impact known paleontological resources; however, surface sediments within and surrounding the Project site consist of Alluvium (Pleistocene); La Habra Formation (Pleistocene; sandy silt shot through with caliche); Unknown formation (Pleistocene); La Habra Formation (lacustrine silt with caliche and plant); and Unknown

(Pleistocene). Deep excavation that involves disturbance of native soils could result in the disturbance and/or destruction of paleontological resources that may be present in deeper Pleistocene alluvial deposits that underlie the Project site. Implementation of **MM GEO-1** requiring evaluation of discovered resources would reduce this impact to a less than significant level.

MITIGATION PROGRAM

Mitigation Measure

MM GEO-1 In the event that paleontological resources are inadvertently unearthed during excavation activities, the contractor shall immediately cease all earth-disturbing activities within a 100-foot radius of the area of discovery and the contractor shall contact YLWD immediately. YLWD shall retain a qualified professional paleontologist to evaluate the significance of the find, and in consultation with YLWD, determine an appropriate course of action. If the paleontological resources are found to be significant, the paleontologist, in consultation with YLWD, shall determine appropriate actions for exploration and salvage. After the find has been appropriately avoided or mitigated, work in the area may resume.

VIII. GREENHOUSE GASES

Climate change refers to any significant change in climate, such as the average temperature, precipitation, or wind patterns, over a period of time. Climate change may result from natural factors, natural processes, and/or human activities that change the composition of the atmosphere and alter the surface and features of the land. Significant changes in global climate patterns have been associated with global warming, which is an average increase in the temperature of the atmosphere near the Earth's surface; this is attributed to an accumulation of greenhouse gas (GHG) emissions in the atmosphere. GHGs trap heat in the atmosphere, which in turn increases the Earth's surface temperature. Some GHGs occur naturally and are emitted into the atmosphere through natural processes, while others are created and emitted solely through human activities. The majority of climate scientists attribute climate change to the increase in GHG emissions generated by human activities.

GHGs, as defined under California's Assembly Bill (AB) 32, include carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF₆). General discussions on climate change often include water vapor, O₃, and aerosols in the GHG category. Water vapor and atmospheric O₃ are not gases that are formed directly in the construction or operation of development projects, nor can they be controlled in these projects. Aerosols are not gases. While these elements have a role in climate change, they are not considered by regulatory bodies, such as CARB, or climate change groups, such as The Climate Registry, as gases to be reported or analyzed for control. Therefore, no further discussion of water vapor, O₃, or aerosols is provided herein.

GHGs vary widely in the power of their climatic effects; therefore, climate scientists have established a unit called global warming potential (GWP). The GWP of a gas is a measure of both its potency and lifespan in the atmosphere as compared to CO₂. For example, since CH₄ and N₂O are approximately 21 and 310 times more powerful than CO₂, respectively, in their ability to trap heat in the atmosphere, they have GWPs of 21 and 310, respectively (CO₂ has a GWP of 1). Carbon dioxide equivalent (CO₂e) is a quantity that enables all GHG emissions to be considered as a group despite their varying GWP. The GWP of each GHG is multiplied by the emission rate of that gas to produce the CO₂e emissions.

On June 1, 2005, Governor Arnold Schwarzenegger signed Executive Order S-3-05, which proclaims that California is vulnerable to the impacts of climate change. It declares that increased temperatures could reduce snowpack in the Sierra Nevada Mountains; could further exacerbate California's air quality problems; and could potentially cause a rise in sea levels. In an effort to avoid or reduce the impacts of climate change, Executive Order S-3-05 calls for a reduction in GHG emissions to the year 2000 level by 2010, to year 1990 levels by 2020, and to 80 percent below 1990 levels by 2050.

AB 32, the California Global Warming Solutions Act of 2006 (*California Health and Safety Code* §38501), recognizes that California is the source of substantial amounts of GHG emissions. The statute states that:

Global warming poses a serious threat to the economic well-being, public health, natural resources, and the environment of California. The potential adverse impacts of global warming include the exacerbation of air quality problems, a reduction in the quality and supply of water to the state from the Sierra snowpack, a rise in sea levels resulting in the displacement of thousands of coastal businesses and residences, damage to marine ecosystems and the natural environment, and an increase in the incidences of infectious diseases, asthma, and other human health-related problems.

In order to avert these consequences, AB 32 establishes a State goal of reducing GHG emissions to 1990 levels by the year 2020, which is a reduction of approximately 15 percent from forecasted emission levels, with further reductions to follow (CARB 2018). To help achieve this reduction, on November 17, 2008, Governor Arnold Schwarzenegger signed Executive Order S-14-08, raising California's renewable energy goals to 33 percent by 2020.

California Executive Order B-30-15 (April 29, 2015) set an "interim" statewide emission target to reduce GHG emissions to 40 percent below 1990 levels by 2030 and directed State agencies with jurisdiction over GHG emissions to implement measures pursuant to statutory authority to achieve this 2030 target and the 2050 target of 80 percent below 1990 levels.

On September 8, 2016, the Governor signed Senate Bill 32 (SB 32) to codify the GHG reduction goals of EO B-30-15, requiring the State to reduce GHG emissions by 40 percent below 1990 levels by 2030 (Health and Safety Code Section 38566). This goal is expected to keep the State on track to meeting the goal set by EO S-3-05 of reducing GHG emissions by 80 percent below 1990 levels by 2050 (California Legislative Information 2017a). SB 32's findings state that CARB will "achieve the state's more stringent greenhouse gas emission reductions in a manner that benefits the state's most disadvantaged communities and is transparent and accountable to the public and the Legislature".

Orange County has not formally adopted a quantitative GHG emissions significance criterion to date. Beginning in April 2008, the South Coast AQMD convened a Working Group to provide guidance to local lead agencies on determining significance for GHG emissions in their CEQA documents. On December 5, 2008, the South Coast AQMD Governing Board adopted its staff proposal for an interim CEQA GHG significance threshold of 10,000 metric tons of CO₂ equivalent per year (MTCO₂e/yr) for projects where the South Coast AQMD is the lead agency (South Coast AQMD 2008). In September 2010, the Working Group proposed that the 10,000 MTCO₂e/yr threshold be expanded to apply to industrial projects where South Coast AQMD is not the lead agency (South Coast AQMD 2010). The Working Group has not convened since the fall of 2010. As of July 2017, the proposal has not been considered or approved for use by the South Coast AQMD Board. However, this threshold is selected by YLWD as appropriate for the proposed Project.

IMPACT ANALYSIS

Would the Project:

- a) **Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?**

Less Than Significant Impact.

Construction GHG emissions are generated by vehicle engine exhaust from construction equipment, on-road hauling trucks, vendor trips, and worker commuting trips. Construction GHG emissions were calculated concurrently with air quality criteria pollutant emissions by using CalEEMod Version 2020.4.0 and the Project information as described in Section III, Air Quality.

The results are output in MTCO₂e for each year of construction. The estimated construction GHG emissions for the Project are shown in Table 9.

TABLE 9
ESTIMATED ANNUAL GREENHOUSE GAS EMISSIONS
FROM CONSTRUCTION

Year	Emissions (MTCO ₂ e)
2022	7
2023	223
Total	230
Annual Emissions*	8
MTCO ₂ e: metric tons of carbon dioxide equivalent	
* Combined total amortized over 30 years	
Source: CalEEMod data in Appendix A.	

GHG emissions generated from construction activities are finite and occur for a relatively short-term period. Unlike the numerous opportunities available to reduce a project's long-term GHG emissions through design features, operational restrictions, use of green-building materials, and other methods, GHG emissions-reduction measures for construction equipment are relatively limited. Therefore, South Coast AQMD staff members recommended that construction emissions be amortized over a 30-year project lifetime, so that GHG reduction measures will address construction GHG emissions as part of the operational GHG reduction strategies (South Coast AQMD 2008). As shown in Table 9, Estimated Annual Greenhouse Gas Emissions from Construction, the 30-year amortized construction emissions would be 8 MTCO₂e/yr.

The proposed Project is designed to develop redundant water pipeline infrastructure. The Project would not require additional YLWD employees or generate regular vehicle trips. Because the Project does not involve recurring vehicular trips or electricity or natural gas consumption, there would not be GHG emissions associated with the operations phase. As such, the Project construction related GHG emissions of 8 MTCO₂e shown in Table 9 would be substantially less than the 10,000 MTCO₂e/yr threshold for industrial projects. There would be a less than significant impact, and no mitigation measures are required.

b) Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

No Impact. As discussed above, the principal State plan and policy adopted for the purpose of reducing GHG emissions is the AB 32 Scoping Plan. The quantitative goal of AB 32 is to reduce GHG emissions to 1990 levels by 2020 and adapt to climate change. Providing redundant water pipeline delivery infrastructure does not result in additional GHG emissions during the operations phase of the Project and consequently does not conflict with these plans and regulations. There would be no impact.

IX. HAZARDS AND HAZARDOUS MATERIALS

IMPACT ANALYSIS

Would the Project:

- a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?**
- b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?**

Less than Significant Impact. Project construction activities would require the transport and use of standard construction equipment and materials, some of which may include a hazardous component such as transport and storage of fuels. These activities would be conducted in compliance with existing federal, State, and local regulations.

Daily Project operations would not involve the use or transport of hazardous materials. The Project site is located near several major transportation facilities and arterials, including Lakeview Avenue, Orangethorpe Avenue, and SR-91. These roadways may be used to transport hazardous materials; however, the proposed Project would neither increase the frequency of transport, nor would it introduce hazards that would increase the likelihood for accidental release of hazardous materials into the environment. Additionally, the Project would not require any new or additional chemical storage or transport beyond existing operational activities. As such, a less than significant impact related to the transport, use, or disposal of hazardous materials or the release of hazardous materials into the environment would occur.

- c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?**

Less Than Significant Impact. The nearest school to the proposed Project site is El Camino Real High School, located at 1351 East Orangethorpe Avenue, approximately 1.0 mile west of the Project site. Temporary construction activities may require the use of materials listed as hazardous; however, these materials would be routine construction materials and would not be required in large quantities. Therefore, the potential impacts associated with the transport and use of hazardous materials during construction would be less than significant, and no mitigation is required.

- d) **Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?**

No Impact. An EDR Radius Map™ with Geocheck® Report was prepared for the Project by Environmental Data Resources, Inc. (EDR 2022). Search parameters were based on a one-mile radius of the Project site and consisted of a search of federal, State, local, tribal, and other databases. The complete list of databases and additional information regarding the identified sites can be found in Appendix D. The following sites are listed within ¼-mile of the Project site:

- **Kramer Oil Field (Esperanza Road, Yorba Linda).** This site is listed in the Cleanup Program Sites (formerly known as Spills, Leaks, Investigations, and Cleanups sites) and California Environmental Reporting System (CERS) databases. According to the EDR Report, the facility status is “Completed – Case Closed”.
- **Cliff Lester (8187 East Woodsboro, Anaheim).** This site is listed in the Resource Conservation and Recovery Act (RCRA) non generators (NonGen/NLR) database. According to the EDR Report, no violations were found.
- **Weir Canyon Honda (8323 East La Palma, Anaheim).** This is a cluster of four sites listed in the RCRA small quantity generator (RCRA-SQG), CERS, HAZ WASTE, Statewide Environmental Evaluation and Planning System (SWEEPS) underground storage tank (UST), CERS TANKS, Facility Index System (FINDS), Enforcement and Compliance History Online (ECHO), UST, and California Facility Inventory Database underground storage tanks (CA FID UST) databases. According to the EDR Report, the facility status is “Completed – Case Closed”.
- **Weir Canyon Acura (8323 East La Palma, Anaheim).** This is a cluster of three sites listed in the leaking underground storage tank (LUST), Hazardous Waste and Substances Sites (CORTESE), RCRA-SQG, FINDS, ECHO AST, CERS HAZ WASTE, CERS TANKS, HAZNET, CERS, and Hazardous Waste Tracking System (HWTS). According to the EDR Report, no violations were found.
- **YL One LLC and YL Two LLC (21580 Yorba Linda Boulevard, Yorba Linda).** This site is listed in the RCRA NONGEN/NLR database. According to the EDR Report, no violations were found.
- **Medical Management Intl Inc, DBA Banfield Pet Hospital (21540 Yorba Linda Boulevard, Unit C2, Yorba Linda).** This is a cluster of two sites listed in the CERS HAZ WASTE, HWTS, and RCRA NONGEN/NLR databases. According to the EDR Report, no violations were found.
- **Mobil Oil/Circle K (21440 Yorba Linda, Yorba Linda).** This is a cluster of nine sites listed in the EDR HIST AUTO, UST, SWEEPS UST, CHMIRS, LUST, CORTESE, CERS, RCRA NONGEN/NLR, UST, CERS HAZ WASTE, CA FID UST, CERS TANKS, HIST CORTESE, and UST databases. According to the EDR Report, the latest evaluation found no violations.
- **Smart & Final (21500 Yorba Linda Boulevard, Yorba Linda).** This is a cluster of two sites listed in the RCRA NONGEN/NLR, CERS HAZ WASTE, and CERS databases. According to the EDR Report, no violations were found.
- **Canyon Cleaners (2150 Yorba Linda Boulevard, Yorba Linda).** This is a cluster of four sites listed in the CERS HAZ WASTE, DRYCLEANERS, CERS, HWTS, and HAZNET databases. According to the EDR Report, the permit status was identified as inactive.

- **Coldwell Bank (21580 New River Road, Yorba Linda).** This site is located in the RCRA NONGEN/NLR database. According to the EDR Report, no violations were found.
- **Michael Porsche (21640 Calle Delgado, Yorba Linda).** This site is located in the RCRA NONGEN/NLR database. According to the EDR Report, no violations were found.
- **Sal Lozano (5685 Avenida Barcelona, Yorba Linda).** This site is located in the RCRA NONGEN/NLR database. According to the EDR Report, no violations were found.
- **Christina Villamil (5695 Whitewater Street, Yorba Linda).** According to the EDR Report, no violations were found.

Of the hazardous materials sites identified, none pose a hazard to the proposed Project. Based on a search of hazardous materials sites compiled pursuant to Section 65962.5 of the *California Government Code*, no sites qualifying for the Cortese List, or subject to corrective action, are identified on the Project site. No impacts related to known hazardous materials sites would occur, and no mitigation is required.

- e) **For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?**

No Impact. The Project site is not located within an adopted Airport Land Use Plan or in the vicinity of a private airstrip, heliport, or helistop. The nearest airport is the Fullerton Municipal Airport, located approximately nine miles west of the Project site. The Project would be located outside the Fullerton Airport influence area and would not expose additional people to safety hazards related to airport operations. Implementation of the proposed Project would not impact the airport facilities or their operation; no mitigation would be required.

- f) **Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?**

No Impact. Construction of the proposed project is not anticipated to physically interfere with an adopted emergency response plan or evacuation plan because all construction activities and staging areas would be within the Project boundaries. Implementation of the Project would involve construction and operation of two segments of a new waterline, and would not alter traffic conditions or modify the local or regional circulation system. Additionally, should an emergency occur at the proposed Project site, the internal street systems would provide access to the outlying arterial roadway system. Therefore, no impacts related to the adopted emergency response or evacuation plans would occur, and no mitigation is required.

- g) **Expose people or structure, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?**

No Impact. According to the Fire and Resource Assessment Program *Very High Fire Hazard Severity Zones in LRA As Recommended by CAL FIRE* map for Orange County, the Project site is not located within or near a Very High Fire Hazard Severity Zone (VHFHSZ). Therefore, the Project site is not susceptible to wildfires, therefore, further analysis of the hazards related to wildfire is warranted (CAL FIRE 2022a, CAL FIRE 2022b).

X. HYDROLOGY AND WATER QUALITY

IMPACT ANALYSIS

Would the Project:

- a) **Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality? and**
- e) **Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?**

Short-Term Construction-Related Water Quality Impacts

Potentially Significant Unless Mitigation Incorporated. Potential impacts of construction activities on water quality focus on sediments, turbidity, and pollutants associated with sediments. Construction-related activities primarily responsible for sediment releases are related to exposing soils to potential mobilization by rainfall, runoff, and wind. These activities include grading and other earth-disturbing activities. Non-sediment-related pollutants that are also of concern during construction include waste construction materials and chemicals, liquid products, and petroleum products used in building construction or the maintenance of heavy equipment, which have the potential to create a significant impact related to water quality. Implementation of **MM HYDRO-1**, stated below, would reduce construction-related impacts from implementation of the proposed Project through compliance with the Construction General Permit. This permit requires the development and implementation of an SWPPP for the proposed Project site, which must include erosion- and sediment-control BMPs that meet or exceed measures required by the National Pollutant Discharge Elimination System (NPDES) Construction General Permit, as well as BMPs that control the other potential construction-related pollutants. A SWPPP would be developed, as required by and in compliance with, the NPDES Construction General Permit. Erosion-control BMPs are designed to prevent erosion, whereas sediment controls are designed to trap sediment once it has been mobilized. The NPDES Construction General Permit requires the SWPPP to include BMPs to be selected and implemented based on the phase of construction and weather conditions.

The SWPPP would be designed and implemented to address site-specific conditions related to Project construction. The SWPPP would identify and describe the sources of sediment and other pollutants that may affect the quality of storm water discharges; it would also ensure the implementation and maintenance of BMPs to reduce or eliminate sediment, pollutants adhering to sediment, and other non-sediment pollutants in storm water and non-storm water discharges.

Compliance with the NPDES Construction General Permit and the preparation of an SWPPP would ensure that any impacts to downstream waters resulting from construction activities on the Project site would be less than significant. Erosion-control and treatment-control BMPs would be implemented per NPDES requirements.

Therefore, full compliance with applicable local, State, and federal regulations, and implementation of **MM HYDRO-1**, would ensure that water quality impacts associated with construction would be less than significant.

Long-Term Operational Water Quality Impacts

As shown in Exhibits 4a–c, Site Photographs, the Project site is comprised entirely of developed areas with limited areas of vegetation. Implementation of the proposed Project would expand

existing water infrastructure uses and would not introduce new uses to the site; as such, development of the Project would not introduce substantial amounts of urban pollutants to the storm water runoff beyond existing conditions. Therefore, impacts related to long-term operational water quality impacts would not represent a significant impact.

- b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?**

Less Than Significant Impact. The proposed Project would not deplete groundwater supplies or substantially interfere with groundwater recharge. A substantial portion of the site is covered with impervious surface including Atwood Channel, which is partially concrete lined in the Project vicinity. This limits its current ability to contribute to groundwater recharge. Therefore, impacts related to groundwater recharge would be less than significant, and no mitigation is required.

- c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:**
- i) result in substantial erosion or siltation on- or off-site?**
 - ii) substantially increase the rate or amount of surface runoff in a manner in which would result in flooding on- or off-site?**
 - iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or?**
 - iv) Impede or redirect flood flows?**

Less Than Significant Impact. As discussed in Section 3.0, Project Description, the Project involves construction of two segments of a new waterline; no changes would be made to the YLWD easement as part of this Project. Therefore, Project implementation would not alter the existing drainage pattern by substantially increasing the rate or amount of surface runoff or altering the course of a stream or river. Impacts would be less than significant, and no mitigation is required.

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

Less Than Significant Impact.

Flood Hazard

The proposed Project site is outside of 100-year flood hazard zones; however, the northeast corner of the disturbance area boundary is next to a 100-year flood hazard zone (FEMA Flood Hazard Zone A) (FEMA 2022).

Tsunami

A tsunami is a series of ocean waves caused by a sudden displacement of the ocean floor, most often due to earthquakes. The proposed Project site is approximately 20 miles inland from the Pacific Ocean and thus is not at risk of flooding due to tsunami.

Seiche

The Project site is not located near any large bodies of water; therefore, there is no potential for inundation of the Project site by seiche.

Conclusion

Development of the proposed Project would not risk release of pollutants due to Project inundation due to a flood within a 100-year flood zone, tsunami, or seiche. Impacts would be less than significant, and no mitigation is required.

MITIGATION PROGRAM

Mitigation Measures

HYDRO-1 Prior to initiation of construction, YLWD shall ensure that a Notice of Intent with the State Water Resources Control Board (SWRCB) has been filed in order to obtain coverage under the Construction General Permit. Pursuant to the permit requirements, the Construction Contractor shall develop a Storm Water Pollution Prevention Plan (SWPPP) that incorporates Best Management Practices for reducing or eliminating construction-related pollutants in the site runoff.

XI. LAND USE AND PLANNING

IMPACT ANALYSIS

Would the Project:

a) Physically divide an established community?

No Impact. As described in Section 2.0 Project Location and Environmental Setting, the proposed pipeline alignments are located in an urban environment, with land uses and development including residential uses to the northwest and east, commercial (retail and restaurants) to the northeast, and industrial uses to the east and south. Additionally, the site is bound by infrastructure such as the BSNF rail line to the north and the OCFCD's Atwood Channel to the south. However, due to the nature of the proposed Project, which includes the construction of two segments of a new waterline, implementation of the proposed Project would not divide an established community. No impact would occur, and no mitigation is required.

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

No Impact. As stated previously, the pipeline alignments are located in a urban environment. The proposed Project would be constructed within the right-of-way along South Highland Avenue and East Orangethorpe Avenue, cross beneath the BSNF rail line and span OCFCD Atwood Channel. The Project does not propose to change the existing land use designation of the site, and, pursuant to Government Code Section 53091(e), the proposed Project would be exempt from City zoning ordinances because it involves the construction of facilities for the production, generation, storage, treatment, or transmission of water. Implementation of the proposed Project would not conflict with applicable plans, policies, and regulations. Therefore, no impacts would occur, and no mitigation is required.

XII. MINERAL RESOURCES

IMPACT ANALYSIS

Would the Project:

- a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?**
- b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?**

No Impact. The CGS designates Mineral Resources Zones according to the presence of or potential for underlying mineral resources. According to the County of Orange's General Plan Resources Element, most mineral reserves in Orange County are located in five resource areas including the Santa Ana River, Lower Santiago Creek, Upper Santiago Creek, San Juan Creek, and Arroyo Trabuco; none of which intersects the City of Placentia (County of Orange 2022). Additionally, according to the City of Placentia's General Plan Conservation Element, the City does not contain any mineral resources as defined by the geologic map of Orange County. The only mineral extraction within the City at the present time is petroleum (Placentia 2019a). However, petroleum is not extracted presently on the Project site. Thus, the Project would not result in the loss or availability of known mineral resources or locally important mineral resources. No impact would occur, and no mitigation is required.

XIII. NOISE

Several rating scales (or noise "metrics") exist to analyze the effects of noise on a community. These scales include the equivalent noise level (L_{eq}) and the community noise equivalent level (CNEL). Average noise levels over a period of minutes or hours are usually expressed as A-weighted decibels (dBA) L_{eq} , which is the equivalent noise level for that period of time. The period of time averaging may be specified; $L_{eq(3)}$ would be a 3-hour average. When no period is specified, a one-hour average is assumed. Noise of short duration (i.e., substantially less than the averaging period) is averaged into ambient noise during the period of interest. Thus, a loud noise lasting many seconds or a few minutes may have minimal effect on the measured sound level averaged over a one-hour period.

To evaluate community noise impacts, CNEL was developed to account for human sensitivity to evening and night-time noise. CNEL separates a 24-hour day into three periods: daytime (7:00 AM to 7:00 PM), evening (7:00 PM to 10:00 PM), and nighttime (10:00 PM to 7:00 AM). The evening sound levels are assigned a 5 dBA penalty, and the night-time sound levels are assigned a 10 dBA penalty prior to averaging them with daytime hourly sound levels.

Several statistical descriptors are also often used to describe noise, including L_{max} and L_{min} . L_{max} and L_{min} are the highest and lowest A-weighted sound levels that occur during a noise event, respectively.

Existing Noise Levels

The existing noise environment in the Project area is primarily influenced by traffic noise on nearby roads as well as the BNSF rail line. The roadways contributing the most noise to the Project site is Orangethorpe Avenue which bisects the Project site. To characterize the existing noise environment, Psomas conducted an ambient noise survey at the site on June 21, 2022. Short-term (approximately 20 minutes each) noise level measurements were taken using a

Larson Davis Laboratories SoundTrack LxT® sound level meter. This sound level meter was placed proximate to the Project areas, approximately five feet above the ground and equipped with a windscreen. The existing noise levels are shown in Table 10, Existing Ambient Noise Levels.

**TABLE 10
EXISTING AMBIENT NOISE LEVELS**

	L_{min} dBA (Minimum)	L_{eq} dBA (Average)	L_{max} dBA (Maximum)
Highland Avenue north of Orangethorpe Avenue	43	66	83
Veterans Way Cul-de-Sac	43	51	68
Nancita Circle Cul-de-Sac	47	55	65
dBA: A-weight decibels			
Source: Psomas 2022 (Appendix E).			

Noise measurements taken at the proposed pipeline alignment on South Highland Avenue north of Orangethorpe Avenue included a passing train on the BNSF rail line which generated substantially higher noise levels than other noise sources within the area which include traffic noise along South Highland Avenue and Orangethorpe Avenue. Minor sources of noise at this location include birds, aircraft overflights, and parking lot noise.

Noise measurements were also taken at the Veterans Way cul-de-sac. Noise levels were relatively quiet and characteristic of suburban environments. The primary source of noise is distant traffic noise from Orangethorpe Avenue and Lakeview Avenue. Secondary sources of noise include birds, as well as industrial activities and truck movements at industrial uses located along Lakeview Loop.

Lastly, noise measurements were taken at the Nancita Circle cul-de-sac. Noise levels were also relatively quiet and consisted of minor sources of which include a radio playing music, distant traffic noise, birds, and industrial activities.

As shown, existing noise levels at the Project site are considered low and typical of urban development. Noise monitoring data and calculations are provided in Appendix E of this IS/MND.

Regulatory Background

For the evaluation of potential noise impacts, YLWD complies with the City of Placentia Noise Ordinances.

City of Placentia Municipal Code

The City of Placentia Municipal Code (CPMC) (Title 23, Chapter 23.76 Noise Control) contains the City of Placentia Noise Ordinance. The Noise Ordinance is designed to control unnecessary, excessive, and annoying sounds from sources on private property by setting limits that cannot be exceeded at adjacent properties. Noise Ordinance requirements cannot be applied to mobile noise sources (e.g., heavy trucks traveling on public roadways, trains, or aircraft). Control of noise generated by these transportation sources is preempted by federal and State laws, and is therefore not subject to the provisions of the Noise Ordinance. All activities within the City are subject to the Noise Ordinance unless specifically exempted. All new development must implement measures to ensure that activities at the new development do not violate the Noise Ordinance.

The Noise Ordinance specifies that noise generated on a site cannot exceed defined noise levels at adjacent properties for a specified period of time as shown in Table 11, City of Placentia Noise Ordinance Standards for Noise Zones 1 Through 3. Both interior and exterior noise level limits are specified by noise zones. The applicable noise zone is based on the land use being exposed to the noise. The residential units west of Highland Avenue and west of Veterans Way are in Noise Zone 1. Retail uses located to the east of Highland Avenue are in Noise Zone 2 and industrial uses along Nancita Circle are in Noise Zone 3.

**TABLE 11
CITY OF PLACENTIA NOISE ORDINANCE STANDARDS FOR
ZONES 1 THROUGH 3**

Noise Levels for a Period Not Exceeding (minutes/hour)			
Noise Zone ^a		Noise Level (dBA)	Time Period
1	Exterior	55	7:00 AM–10:00 PM
		50	10:00 PM–7:00 AM
	Interior	55	7:00 AM–10:00 PM
		45	10:00 PM–7:00 AM
2	Exterior	65	Any time
	Interior	NA	N/A
3	Exterior	70	Any time
	Interior	NA	N/A
dBA: A-weighted decibel(s) N/A: Not Applicable ^a Noise zone 1: All hospitals, libraries, churches, schools, and residential properties. Noise zone 2: All commercial properties excluding professional office properties. Noise zone 3: All industrial properties. Source: City of Placentia 1975.			

CPMC Section 23.81.170 Grading, construction, and maintenance of real property, limits construction activities to between the hours of 7:00 AM and 7:00 PM, Mondays through Fridays, and 9:00 AM and 6:00 PM on Saturdays, with no construction activities permitted outside of the hours listed above or on Sundays or federal holidays unless a temporary waiver is granted by the Chief Building Official or the City Engineer upon receipt of evidence that an emergency exists which would constitute a hazard to persons or property.

Noise-Sensitive Receptors and Existing Conditions near the Project Site

Noise-sensitive land uses typically include residences, hospitals, convalescent and day care facilities, schools, and libraries, which could all be adversely affected by an increase in noise levels. The Project site is generally located within portions of the right-of-way of South Highland Avenue, Orangethorpe Avenue, Veterans Way, and Nancita Circle. The nearest noise sensitive receptors (residential uses) are located to the west of South Highland Avenue and Veterans Way.

IMPACT ANALYSIS

Would the project result in:

- a) **Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?**

Less than Significant Impact. Construction and operational noise associated with the Project would result in impacts that are less than significant, as described below.

Construction Noise

Project construction activities would not occur between 7:00 PM and 7:00 AM on weekdays or before 9:00 AM or after 6:00 PM Saturdays, or at any time on Sundays or federal holidays, consistent with the CPMC Section 23.81.170, as discussed above. Noise would be generated by construction equipment at the Project site. Construction activities may require use of a variety of equipment including, but not limited to excavators, dump trucks, and cranes. No pile driving or blasting is anticipated.

Local residents located to the west of South Highland Avenue and Veterans Way would be subject to temporary elevated noise levels due to Project-related construction equipment. Construction activities are carried out in discrete steps, each of which has its own mix of equipment and, consequently, its own noise characteristics. These various sequential phases would change the character of the noise levels surrounding the construction site as work progresses. Construction noise levels reported in the USEPA's *Noise from Construction Equipment and Operations, Building Equipment, and Home Appliances* were used to estimate future construction noise levels for the Project (USEPA 1971). Typically, the estimated construction noise levels are governed primarily by equipment that produces the highest noise levels. Construction noise levels for each generalized construction phase (ground clearing/demolition, excavation, foundation construction, building construction, paving, and site cleanup) are based on a typical construction equipment mix for an industrial Project and do not include use of atypical, very loud, and vibration-intensive equipment (e.g., pile drivers).

Project construction activities would occur for approximately 12 months. However, the Project would develop its components at different locations and consequently would not result in noise exposure at the same locations for the full duration of the construction period. The degree to which noise-sensitive receptors are affected by construction activities depends heavily on their proximity. Worst-case estimated noise levels attributable to the development of the proposed Project are shown in Table 12, and calculations are included in Appendix E, Noise Calculations. Table 12 shows both noise levels from construction equipment at the nearest land use in each cardinal direction from the Project site. Noise levels from general Project-related construction activities would range from 75 to 94 dBA L_{eq} at the closest distances for the nearest land uses. Noise level reductions from existing intervening buildings or sound walls were not included. Construction noise levels would be less at locations located further than identified in Table 12.

TABLE 12
CONSTRUCTION NOISE LEVELS AT NOISE-SENSITIVE USES

Construction Phase	Noise Levels (Leq dBA)			
	North – Retail along Highland Avenue at 30 feet	West – Wilma Circle Residences at 50 feet	South – Industrial Uses at 15 feet	East – Retail along Highland Avenue at 30 feet
Ground Clearing/Demolition	88	84	94	88
Excavation	83	79	89	83
Foundation Construction	82	78	88	82
Building Construction	79	75	85	79
Paving and Site Cleanup	79	75	85	79
Leq dBA: Average noise energy level Note: Noise levels from construction activities do not take into account attenuation provided by intervening structures. Source: USEPA 1971.				

Demolition debris from pavement cutting and excavated soils from the Project site would be removed by truck. During the demolition and grading phase, it is estimated that 878 one-way truck trips would occur over 264 workdays. Noise impacts related to Project related truck trips would be less than significant due to the relatively small number of average daily truck trips occurring during the construction period and because construction traffic would be limited to the least noise sensitive hours of the day.

Noise from construction activities on-site would be audible above the existing ambient noise environment. However, because construction noise would occur during the least noise-sensitive portions of the day, as per CPMC Section 23.81.170, would involve relatively minimal construction equipment, and would occur for a relatively short duration at each location, noise associated with Project-related construction would result in less than significant impacts, and no mitigation is required.

Operational Noise

The proposed Project is designed to develop redundant water pipeline infrastructure. The Project would not have elements that may have the potential to generate stationary sources of noise from the operations phase of the Project. The Project would also not require additional YLWD employees, nor would it generate regular vehicle trips. YLWD staff members may periodically visit the for routine inspection and maintenance activities. As such, there would be no recurring increase in traffic related noise associated with the Project. Because the Project does not have substantial sources of noise during the operations phase, noise associated with the Project would result in less than significant noise impacts, and no mitigation is required.

b) Generation of excessive ground borne vibration or ground borne noise levels?

Less than Significant Impact. The proposed Project would not generate or expose persons or structures to excessive groundborne vibration from the construction. There are no applicable City standards for vibration-induced annoyance or structural damage from vibration. Caltrans vibration damage potential guideline thresholds are shown in Table 13. These thresholds represent the vibration limits for structural damage to uses proximate to the Project site from continuous sources of vibration.

TABLE 13
VIBRATION RELATED BUILDING DAMAGE THRESHOLDS

Building Class	Continuous Source PPV (in/sec)	Single-Event Source PPV (in/sec)
Class I: buildings in steel or reinforced concrete, such as factories, retaining walls, bridges, steel towers, open channels, underground chambers, and tunnels with and without concrete alignment	0.5	1.2
Class II: buildings with foundation walls and floors in concrete, walls in concrete or masonry, stone masonry retaining walls, underground chambers and tunnels with masonry alignments, and conduits in loose material	0.3	0.7
Class III: buildings as mentioned above but with wooden ceilings and walls in masonry	0.2	0.5
Class IV: construction very sensitive to vibrations; objects of historic interest	0.12	0.3
ppv: peak particle velocity		
Source: Caltrans 2020.		

The Caltrans vibration annoyance potential guideline thresholds are shown in Table 14. Based on the guidance in Table 14, the “strongly perceptible” vibration level of 0.9 peak particle velocity (ppv) inches per second (in/sec) is considered as a threshold for a potentially significant vibration impact for human annoyance.

TABLE 14
VIBRATION ANNOYANCE CRITERIA

Average Human Response	ppv (in/sec)
Severe	2.0
Strongly perceptible	0.9
Distinctly perceptible	0.24
Barely perceptible	0.035
ppv: peak particle velocity; in/sec: inch(es) per second	
Source: Caltrans 2020.	

Pile driving and blasting are generally the sources of the most severe vibration during construction. Neither pile driving nor blasting would be used during Project construction. Conventional construction equipment would be used for demolition and grading activities. Table 15 summarizes typical vibration levels measured during construction activities for various vibration-inducing pieces of equipment.

TABLE 15
VIBRATION LEVELS FOR CONSTRUCTION EQUIPMENT

Equipment		ppv at 25 ft (in/sec)
Pile driver (impact)	upper range	1.518
	typical	0.644
Pile driver (sonic)	upper range	0.734
	typical	0.170
Vibratory roller		0.210
Large bulldozer		0.089
Caisson drilling		0.089
Loaded trucks		0.076
Jackhammer		0.035
Small bulldozer		0.003
ppv: peak particle velocity; ft: feet; in/sec: inches per second		
Source: Caltrans 2020; FTA 2018.		

Table 16, Vibration Annoyance Assessment, shows the vibration annoyance criteria from construction-generated vibration activities proposed at the Project site. Table 16 shows the ppv generated by Project-related construction activities at the nearest uses proximate to the Project site. As shown in Table 16, ppv would not exceed the criteria threshold when construction activities occur under maximum (i.e., closest to the receptor) exposure conditions. Because vibration levels would be below the significance thresholds, vibration generated by the Project's construction equipment would not be expected to generate strongly perceptible levels of vibration at the nearest uses and would result in less than significant vibration impacts related to vibration annoyance.

TABLE 16
VIBRATION ANNOYANCE ASSESSMENT

Equipment	Vibration Levels (ppv)			
	North – Retail along Highland Avenue at 65 feet	West – Wilma Circle Residences at 55 feet	South – Industrial Uses at 20 feet	East – Retail along Highland Avenue at 40 feet
Vibratory roller	0.050	0.064	0.293	0.104
Large bulldozer	0.021	0.027	0.124	0.044
Small bulldozer	0.001	0.001	0.004	0.001
Jackhammer	0.008	0.011	0.049	0.017
Loaded trucks	0.018	0.023	0.106	0.038
Criteria*	0.900	0.900	0.900	0.900
Exceeds Criteria?	No	No	No	No
ppv: peak particle velocity				
*Criteria derived from "Strongly Perceptible" vibration annoyance criteria, as shown in Table 14.				
Source: FTA 2018 (Calculations can be found in Appendix E).				

Table 17, Building Damage Assessment, shows the ppv relative to building damage to nearby uses from the Project's construction activities.

**TABLE 17
BUILDING DAMAGE ASSESSMENT**

Equipment	Vibration Levels (ppv)			
	North – Retail along Highland Avenue at 65 feet	West – Wilma Circle Residences at 55 feet	South – Industrial Uses at 20 feet	East – Retail along Highland Avenue at 40 feet
Vibratory roller	0.050	0.064	0.293	0.104
Large bulldozer	0.021	0.027	0.124	0.044
Small bulldozer	0.001	0.001	0.004	0.001
Jackhammer	0.008	0.011	0.049	0.017
Loaded trucks	0.018	0.023	0.106	0.038
Criteria*	0.200	0.200	0.500	0.200
Exceeds Criteria?	No		No	No
ppv: peak particle velocity *Criteria derived from Table 13 "VIBRATION RELATED BUILDING DAMAGE THRESHOLDS" Source: FTA 2018 (Calculations can be found in Appendix B).				

As shown in Table 17, all ppv levels would be below the building damage threshold at adjacent offsite structures. As such, impacts related to the potential for cosmetic building damage would be less than significant, and no mitigation is required.

- c) **For a project located within the vicinity of a private airstrip or an airport land use plan or, where such plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?**

No Impact. The Project is not located within an Airport Land Use Plan area or in the vicinity of a private airstrip or heliport, and it would not expose people to excessive noise levels associated with airport operations or aircraft travel. The closest airport to the Project site is Fullerton Municipal Airport, located approximately nine miles west of the Project site. No impacts would result, and no mitigation is required.

XIV. POPULATION AND HOUSING

IMPACT ANALYSIS

Would the Project:

- a) **Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)? and**
- b) **Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?**

No Impact. As described in Section 2.0, Project Description and Environmental Setting, the proposed Project involves construction and operation of two segments of a new waterline, which

are improvements to the existing infrastructure intended to continue water service to existing YLWD customers or new customers within established or planned areas of the YLWD's service area. Services areas include portions of the Cities of Yorba Linda, Placentia, Anaheim, and Brea along with portions of unincorporated Orange County (YLWD 2021). Implementation of the proposed Project would not extend water service into an area that is not currently developed or approved for future development. Therefore, the proposed Project would not increase employment and population resulting in direct population growth or increase infrastructure resulting in indirect population growth. Additionally, as described in Section XI, Land Use and Planning, the Project would not displace existing housing or population, resulting in construction of replacement housing elsewhere. No impacts would occur, and no mitigation is required.

XV. PUBLIC SERVICES

IMPACT ANALYSIS

Would the Project:

- a) **Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services: fire protection, police protection, schools, parks, and other public facilities?**

No Impact. As described in Section 2.0, Project Description and Environmental Setting, the proposed Project is the construction and operation of two segments of a new waterline, which are improvements to the existing infrastructure; therefore, no new demand for public services such as fire protection, police protection, schools, parks, libraries, or other public facilities would occur. Any increase in maintenance of the proposed infrastructure improvements would be the responsibility of YLWD. No impact would occur, and no mitigation is required.

XVI. RECREATION

IMPACT ANALYSIS

Would the Project:

- a) **Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated? and**
- b) **Include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?**

No Impact. As described in Section 2.0 Project Description and Environmental Setting, the proposed Project is construction and operation of two segments of a new waterline, which are improvements to the existing infrastructure. As discussed in Section XI. Land Use, the proposed Project is not anticipated to induce population growth; therefore, it would not directly or indirectly impact any local recreational facilities through increase of use. Additionally, the nearest public park is Los Niños Park approximately 0.30 miles west of the Project site (Placentia 2018). Therefore, no physical impacts to a nearby park or recreational area would occur. No impacts related to demand or use of recreational facilities would occur, and no mitigation is required.

XVII. TRANSPORTATION

IMPACT ANALYSIS

Would the Project:

- a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?**

Less Than Significant Impact. Implementation of the proposed Project is expected to generate short-term traffic impacts generated during the construction period. Vehicle trips would be generated by trucks hauling materials and supplies to the site and workers commuting to and from the Project site. As discussed previously in Section XIII, Noise, it is anticipated that on average 878 one-way truck trips would occur over 264 construction days. It is anticipated that these trips would occur throughout the day and would not be concentrated during traffic peak hours. It should be noted that there is potential for lane closure along Orangethorpe Avenue. However, this would be a temporary and short-term construction-related impact.

Under existing conditions, a small number of vehicle trips are associated with routine inspection and maintenance at the existing Project site. It is anticipated that routine inspection and maintenance trips would continue, and no new operational trips would occur with implementation of the proposed Project. Therefore, because there would be no increase in daily trips associated with daily operation of the Project components, no Project-related traffic impacts are anticipated.

The proposed Project would not result in any long-term trip generation or associated traffic impacts and would not involve any activities that would conflict with non-vehicular modes of transportation. Impacts would be less than significant, and no mitigation is required.

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

No Impact. Section 15064.3(b)(1) of the State CEQA Guidelines refers to evaluating transportation impacts using vehicle miles traveled (VMT) as a method of determining the significance of transportation impacts for land use projects. The proposed Project is not a land use project and would not generate any long-term change in traffic. As discussed in the response to CEQA Checklist Question XVII. (a), the Project's construction-related traffic would be temporary and operational traffic would be nominal. Because the Project would generate or attract fewer than 110 trips per day, the Project is assumed to cause a less than significant transportation impact according to the *Technical Advisory on Evaluating Transportation Impacts in CEQA*, prepared by the Governor's Office of Planning and Research in April 2018 (OPR 2018). Therefore, the Project would not conflict or be inconsistent with CEQA Guidelines and no impact would occur.

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

No Impact. The Project does not propose any modifications to the existing circulation system in the Project's vicinity. Further, traffic patterns and the types of vehicles traveling along the roads near the Project site would not be affected. Therefore, no impact would occur related to hazards due to a design feature or incompatible uses. No impact would occur, and no mitigation is required.

d) Result in inadequate emergency access?

Less Than Significant Impact. The proposed Project would involve construction and operation of two segments of a new waterline. During construction, existing access routes would be maintained at the Project site. As noted above, there is potential for lane closure along Orangethorpe Avenue. However, this would be a temporary and short-term construction-related impact. Furthermore, emergency access routes are already in place at the Project site, and proposed Project actions would not alter access. Therefore, no impact to local or regional emergency access routes would occur, and no mitigation is required.

XVIII. TRIBAL CULTURAL RESOURCES

Section V of this IS/MND provides an evaluation of cultural resources and human remains. As noted in that section, a cultural resource record search and literature review was conducted at the California Historical Resources Information System (CHRIS), which maintains records and literature regarding cultural resources within California. The South Central Coastal Informational Center (SCCIC) is a designated branch of the CHRIS and houses records recorded in San Bernardino, Los Angeles, Orange, and Ventura Counties. The CHRIS office for Orange County is located at the SCCIC at California State University, Fullerton. The literature review at the SCCIC revealed that 13 cultural resources studies have been undertaken within ½-mile of Project site, two of these studies included a portion of the Project area. One historical resource was identified within the Project site. This historic structure was identified as a house located at 1924 East Orange View Avenue in the City of Placentia. One other resource (P-30-000593) was identified within a half-mile of the Project site and outside of the proposed work area. This resource is a prehistoric archaeological site described as a lithic scatter (remnants of stone tool production) with habitation debris. Additionally, the NAHC conducted a SLF search for the Project. The search results for the SLF were positive. Furthermore, and consistent with requirements of AB 52, YLWD has sent letters to tribes that have expressed an interest in being consulted regarding Native American resources for the projects being undertaken by YLWD.

Letters were sent to interested tribal organizations on April 19, 2022. On April 22, 2022, the Gabrieleño Band of Mission Indians – Kizh Nation requested consultation with YLWD regarding the Project. On April 27, 2022, YLWD scheduled consultation for July 7, 2022; however, YLWD was notified by the tribe on June 27, 2022, that the meeting would need to be rescheduled. YLWD subsequently rescheduled consultation for August 11, 2022. On August 3, 2022, YLWD was notified that consultation would again need to be rescheduled. No consultation date has been decided at this time.

IMPACT ANALYSIS

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

- a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k).**

No Impact. The Project does not propose any modifications to the existing circulation system in the Project's for purposes of impact analysis, a tribal cultural resource is considered a site, feature, place, cultural landscape, sacred place, or object which is of cultural value to a California Native

American Tribe and is either eligible for the California Register of Historic Resources (CRHR) or a local register. As indicated in Section V of this IS/MND, based on a SCCIC record search, the results indicate there are no resources on the Project site that are currently listed on the CRHR. Therefore, the proposed Project would not have an impact on tribal cultural resources associated with an impact to a resource that is listed or eligible for listing on the CRHR or a local register.

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

Less Than Significant With Mitigation. The second component of this threshold is if the proposed Project would impact a tribal cultural resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a Native American tribe. Subdivision (c) states the following:

A resource may be listed as an historical resource in the California Register if it meets any of the following CRHR criteria:

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

Based on information available through the record searches at the SCCIC, and the long-term past use of the Project site, there is no information available that indicates there are significant tribal resources within the Project site that would be significant pursuant to criteria set forth in subdivision (c) of Public Resource Code Section 5024.1. However, as noted in Section above, YLWD requested consultation with tribes that notified YLWD of a desire to be consulted with regarding the Project.

YLWD received one response. Mr. Salas (the Tribal Chair), for the Gabrieliño Band of Mission Indians – Kizh Nation, responded on April 22, 2022. Consultation between the Gabrieliño Band of Mission Indians – Kizh Nation and YLWD was initially scheduled on July 7, 2022. On June 27, 2022, YLWD was notified by the tribe that the July 7, 2022 meeting would be cancelled due to lack of availability. On June 29, 2022, consultation was rescheduled for August 11, 2022. On August 3, 2022, YLWD received email notice that the meeting would again need to be cancelled and rescheduled. No consultation date has been decided at this time.

Based on available information from the records search results, no information was provided that identifies a specific potential for a significant impact. However, because the tribe has identified a desire to consult with YLWD regarding the project, this analysis assumes potential for a significant impact related to tribal cultural resources. MM TCR-1 is recommended to reduce the potential for discovery or impacts to unknown resources by setting up a process for tribal monitoring and subsequent exploration and discovery.

MITIGATION PROGRAM

Mitigation Measure

MM TCR-1 Prior to the commencement of earthwork activities, YLWD shall provide written notification to the Native American representatives from the Gabrieleno Band of Mission Indians - Kizh Nation indicating the date and time of the commencement of earthwork activities. The representatives from the Gabrieleno Band of Mission Indians - Kizh Nation ("tribal representative") shall be provided reasonable access to the Project site in a manner that does not interfere with the earthwork activities. Tribal representatives, at their own expense, and in a manner that does not interfere with earthwork activities, shall be allowed to monitor subsurface ground-disturbing construction activities to the depth of 20 feet below the undisturbed ground surface. If any cultural resources are identified during the monitoring and evidence is presented that the discovery proves to be potentially significant under CEQA, as determined by YLWD's consulting Project Archaeologist, the tribal representative and the Project Archaeologist will determine the appropriate actions for explorations and/or recovery.

XIX. UTILITIES AND SERVICE SYSTEMS

IMPACT ANALYSIS

Would the Project:

- a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?**

Less than Significant Impact. The proposed Project is a utility project that involves improvements to the existing infrastructure. As detailed in Section 3.0, Project Description, the Project would include construction and operation of two segments of a new waterline. The Project would not require any further relocation or construction of new or expanded facilities beyond what is currently proposed and analyzed as part of this IS/MND.

- b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?**

No Impact. The proposed Project involves construction and operation of two segments of a new waterline, and would not result in additional demand for water supply. Instead, the Project would improve the existing infrastructure. No additional impacts related to water-related facilities are anticipated, and no mitigation is required.

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

No Impact. As noted previously in the responses to Questions XIX.a and XIX.e, the Project would include construction and operation of two segments of a new waterline, and would not generate significant quantities of wastewater. No impacts would occur related to capacity of wastewater infrastructure or wastewater treatment facilities.

- d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?**

Less Than Significant Impact. Solid waste generated from the Project site would most likely be disposed of at the Olinda Alpha Landfill, which is part of the Orange County landfill system operated by OC Waste & Recycling. The landfill is permitted to receive a maximum of 8,000 tons per day (tpd) maximum with a 7,000 tpd annual average. The Olinda Alpha Landfill is approximately 565 acres with 453 acres allocated for waste disposal. The landfill opened in 1960 and has enough projected capacity to serve residents and businesses until approximately 2036 (OC Waste & Recycling 2022; Halligan 2022). The increase in solid waste disposal resulting from implementation of the Project would be nominal and could be accommodated within the permitted capacity of the County's overall landfill system, which includes the Olinda Alpha Landfill (Halligan 2022). A less than significant impact related to landfill capacity would occur from implementation of the proposed Project, and no mitigation is required.

- e) Comply with federal, State, and local statutes and regulations related to solid waste?**

No Impact. Solid waste practices in California are governed by multiple federal, State, and local agencies that enforce legislation and regulations to ensure landfill operations minimize impacts to public health and safety and the environment. OC Waste & Recycling is obligated to obtain a Solid Waste Facilities Permit, a Storm Water Discharge Permit, and a permit to construct and operate gas management systems and to meet Waste Discharge Requirements. The Local Enforcement Agency (South Coast AQMD) and the SWRCB enforce landfill regulations related to health, air quality, and water quality, respectively. The proposed Project would not inhibit OC Waste & Recycling's compliance with the requirements of each of these governing bodies. No impact would occur, and no mitigation is required.

XX. WILDFIRE

IMPACT ANALYSIS

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:

- a) Substantially impair an adopted emergency response plan or emergency evacuation plan? and**
- b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire? and**
- c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment? and**
- d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?**

No Impact. According to the Fire and Resource Assessment Program *Very High Fire Hazard Severity Zones in LRA As Recommended by CAL FIRE* map for Orange County, the Project site located in the City of Placentia is not within or near a VHFHSZ. Therefore, the Project site is not susceptible to wildfires, therefore, further analysis of the hazards related to wildfire is warranted (CAL FIRE 2022a, CAL FIRE 2022b).

XXI. MANDATORY FINDINGS OF SIGNIFICANCE

IMPACT ANALYSIS

Does the Project:

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

Less Than Significant With Mitigation. As described throughout the analysis in Section 5.0, with the incorporation of the identified mitigation measures, implementation of the proposed Project would not degrade the quality of the environment; would not substantially reduce the habitats of fish or wildlife species; would not cause a fish or wildlife population to drop below self-sustaining levels; would not threaten to eliminate a plant or animal; and would not eliminate important examples of major periods of California history or prehistory. With respect to the quality of the environment, the Project would not preclude the ability to achieve long-term environmental goals.

- b) **Have impacts that are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental efforts of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probably future projects)?**

Less Than Significant Impact. While the Project may have the potential to impact the environment on a project-specific basis, these impacts would be limited in nature, as detailed throughout Section 5.0 of this IS/MND and would not contribute to a cumulative impact.

- c) **Have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?**

Less Than Significant With Mitigation. Based on the analysis of the above-listed topics, the proposed Project could have the potential to impact human beings, either directly or indirectly; however, the implementation of the mitigation measures described throughout this document would reduce all potential impacts to less than significant levels.

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APPENDIX A
CALEEMOD CALCULATIONS

BNSF Waterline Crossing - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

BNSF Waterline Crossing

Orange County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1.00	User Defined Unit	0.10	2,960.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2023
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Estimated based on lineal feet of pipes

Construction Phase - Based on project's anticipated schedule

Off-road Equipment - Estimated

Off-road Equipment - Estimated

Off-road Equipment - Estimated

Off-road Equipment - Estimated

Off-road Equipment - Estimated

Trips and VMT - Estimated

Demolition -

Grading -

Construction Off-road Equipment Mitigation -

BNSF Waterline Crossing - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	1480	400
tblAreaCoating	Area_Nonresidential_Interior	4440	1200
tblConstructionPhase	NumDays	10.00	44.00
tblConstructionPhase	NumDays	1.00	66.00
tblConstructionPhase	NumDays	2.00	66.00
tblConstructionPhase	NumDays	100.00	66.00
tblConstructionPhase	NumDays	5.00	22.00
tblLandUse	LandUseSquareFeet	0.00	2,960.00
tblLandUse	LotAcreage	0.00	0.10
tblOffRoadEquipment	HorsePower	221.00	80.00
tblOffRoadEquipment	LoadFactor	0.50	0.38
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	0.00	878.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	8.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00

2.0 Emissions Summary

BNSF Waterline Crossing - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	4.7400e-003	0.0382	0.0465	9.0000e-005	9.7000e-004	1.8600e-003	2.8200e-003	2.5000e-004	1.8100e-003	2.0500e-003	0.0000	7.3646	7.3646	9.1000e-004	1.2000e-004	7.4238
2023	0.0935	0.8781	0.9979	2.5100e-003	0.0230	0.0347	0.0577	6.2500e-003	0.0325	0.0388	0.0000	219.7492	219.7492	0.0532	6.3900e-003	222.9843
Maximum	0.0935	0.8781	0.9979	2.5100e-003	0.0230	0.0347	0.0577	6.2500e-003	0.0325	0.0388	0.0000	219.7492	219.7492	0.0532	6.3900e-003	222.9843

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	4.7400e-003	0.0382	0.0465	9.0000e-005	8.9000e-004	1.8600e-003	2.7500e-003	2.3000e-004	1.8100e-003	2.0400e-003	0.0000	7.3646	7.3646	9.1000e-004	1.2000e-004	7.4238
2023	0.0935	0.8781	0.9979	2.5100e-003	0.0228	0.0347	0.0575	6.2200e-003	0.0325	0.0388	0.0000	219.7490	219.7490	0.0532	6.3900e-003	222.9841
Maximum	0.0935	0.8781	0.9979	2.5100e-003	0.0228	0.0347	0.0575	6.2200e-003	0.0325	0.0388	0.0000	219.7490	219.7490	0.0532	6.3900e-003	222.9841

BNSF Waterline Crossing - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	1.09	0.00	0.41	0.77	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
2	9-20-2022	12-19-2022	0.0141	0.0141
3	12-20-2022	3-19-2023	0.2013	0.2013
4	3-20-2023	6-19-2023	0.2375	0.2375
5	6-20-2023	9-19-2023	0.2996	0.2996
6	9-20-2023	9-30-2023	0.0379	0.0379
		Highest	0.2996	0.2996

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0111	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	3.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0111	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	3.0000e-005

BNSF Waterline Crossing - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0111	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	3.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0111	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	3.0000e-005

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/14/2022	2/13/2023	5	44	
2	Site Preparation	Site Preparation	2/14/2023	5/16/2023	5	66	
3	Grading	Grading	5/17/2023	8/16/2023	5	66	

BNSF Waterline Crossing - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4	Building Construction	Building Construction	8/17/2023	11/16/2023	5	66
5	Paving	Paving	11/17/2023	12/18/2023	5	22

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 0****Acres of Paving: 0****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Signal Boards	1	24.00	6	0.82
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Bore/Drill Rigs	1	8.00	80	0.38
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Signal Boards	1	24.00	6	0.82
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Excavators	1	8.00	158	0.38
Grading	Signal Boards	1	24.00	6	0.82
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Signal Boards	1	24.00	6	0.82
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Paving	Signal Boards	1	24.00	6	0.82
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50

BNSF Waterline Crossing - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	3	8.00	6.00	4.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	4	10.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	6.00	878.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	4	1.00	8.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	3	8.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.4000e-004	0.0000	1.4000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5100e-003	0.0361	0.0442	7.0000e-005		1.8300e-003	1.8300e-003		1.7900e-003	1.7900e-003	0.0000	6.1435	6.1435	8.6000e-004	0.0000	6.1648
Total	4.5100e-003	0.0361	0.0442	7.0000e-005	1.4000e-004	1.8300e-003	1.9700e-003	2.0000e-005	1.7900e-003	1.8100e-003	0.0000	6.1435	6.1435	8.6000e-004	0.0000	6.1648

BNSF Waterline Crossing - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	1.0000e-004	3.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0363	0.0363	0.0000	1.0000e-005	0.0381
Vendor	6.0000e-005	1.8300e-003	6.3000e-004	1.0000e-005	2.5000e-004	2.0000e-005	2.6000e-004	7.0000e-005	2.0000e-005	9.0000e-005	0.0000	0.7337	0.7337	4.0000e-005	1.1000e-004	0.7661
Worker	1.6000e-004	1.2000e-004	1.6300e-003	0.0000	5.7000e-004	0.0000	5.7000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4512	0.4512	1.0000e-005	1.0000e-005	0.4548
Total	2.2000e-004	2.0500e-003	2.2900e-003	1.0000e-005	8.3000e-004	2.0000e-005	8.4000e-004	2.2000e-004	2.0000e-005	2.4000e-004	0.0000	1.2211	1.2211	5.0000e-005	1.3000e-004	1.2590

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5100e-003	0.0361	0.0442	7.0000e-005		1.8300e-003	1.8300e-003		1.7900e-003	1.7900e-003	0.0000	6.1434	6.1434	8.6000e-004	0.0000	6.1648
Total	4.5100e-003	0.0361	0.0442	7.0000e-005	6.0000e-005	1.8300e-003	1.8900e-003	1.0000e-005	1.7900e-003	1.8000e-003	0.0000	6.1434	6.1434	8.6000e-004	0.0000	6.1648

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3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	1.0000e-004	3.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0363	0.0363	0.0000	1.0000e-005	0.0381
Vendor	6.0000e-005	1.8300e-003	6.3000e-004	1.0000e-005	2.5000e-004	2.0000e-005	2.6000e-004	7.0000e-005	2.0000e-005	9.0000e-005	0.0000	0.7337	0.7337	4.0000e-005	1.1000e-004	0.7661
Worker	1.6000e-004	1.2000e-004	1.6300e-003	0.0000	5.7000e-004	0.0000	5.7000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4512	0.4512	1.0000e-005	1.0000e-005	0.4548
Total	2.2000e-004	2.0500e-003	2.2900e-003	1.0000e-005	8.3000e-004	2.0000e-005	8.4000e-004	2.2000e-004	2.0000e-005	2.4000e-004	0.0000	1.2211	1.2211	5.0000e-005	1.3000e-004	1.2590

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.3000e-004	0.0000	3.3000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.0806	0.1053	1.8000e-004		3.8100e-003	3.8100e-003		3.7200e-003	3.7200e-003	0.0000	14.6545	14.6545	2.0000e-003	0.0000	14.7045
Total	0.0102	0.0806	0.1053	1.8000e-004	3.3000e-004	3.8100e-003	4.1400e-003	5.0000e-005	3.7200e-003	3.7700e-003	0.0000	14.6545	14.6545	2.0000e-003	0.0000	14.7045

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3.2 Demolition - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	1.8000e-004	6.0000e-005	0.0000	2.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0818	0.0818	1.0000e-005	1.0000e-005	0.0859
Vendor	9.0000e-005	3.4100e-003	1.3700e-003	2.0000e-005	5.9000e-004	2.0000e-005	6.0000e-004	1.7000e-004	2.0000e-005	1.9000e-004	0.0000	1.6669	1.6669	1.0000e-004	2.4000e-004	1.7407
Worker	3.5000e-004	2.5000e-004	3.6200e-003	1.0000e-005	1.3600e-003	1.0000e-005	1.3700e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.0480	1.0480	2.0000e-005	2.0000e-005	1.0560
Total	4.4000e-004	3.8400e-003	5.0500e-003	3.0000e-005	1.9700e-003	3.0000e-005	2.0000e-003	5.4000e-004	3.0000e-005	5.7000e-004	0.0000	2.7967	2.7967	1.3000e-004	2.7000e-004	2.8826

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.5000e-004	0.0000	1.5000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.0806	0.1053	1.8000e-004		3.8100e-003	3.8100e-003		3.7200e-003	3.7200e-003	0.0000	14.6545	14.6545	2.0000e-003	0.0000	14.7045
Total	0.0102	0.0806	0.1053	1.8000e-004	1.5000e-004	3.8100e-003	3.9600e-003	2.0000e-005	3.7200e-003	3.7400e-003	0.0000	14.6545	14.6545	2.0000e-003	0.0000	14.7045

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3.2 Demolition - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	1.8000e-004	6.0000e-005	0.0000	2.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0818	0.0818	1.0000e-005	1.0000e-005	0.0859
Vendor	9.0000e-005	3.4100e-003	1.3700e-003	2.0000e-005	5.9000e-004	2.0000e-005	6.0000e-004	1.7000e-004	2.0000e-005	1.9000e-004	0.0000	1.6669	1.6669	1.0000e-004	2.4000e-004	1.7407
Worker	3.5000e-004	2.5000e-004	3.6200e-003	1.0000e-005	1.3600e-003	1.0000e-005	1.3700e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.0480	1.0480	2.0000e-005	2.0000e-005	1.0560
Total	4.4000e-004	3.8400e-003	5.0500e-003	3.0000e-005	1.9700e-003	3.0000e-005	2.0000e-003	5.4000e-004	3.0000e-005	5.7000e-004	0.0000	2.7967	2.7967	1.3000e-004	2.7000e-004	2.8826

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0202	0.1791	0.2686	4.3000e-004		8.1800e-003	8.1800e-003		7.6400e-003	7.6400e-003	0.0000	35.8320	35.8320	0.0106	0.0000	36.0974
Total	0.0202	0.1791	0.2686	4.3000e-004	0.0000	8.1800e-003	8.1800e-003	0.0000	7.6400e-003	7.6400e-003	0.0000	35.8320	35.8320	0.0106	0.0000	36.0974

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3.3 Site Preparation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-004	7.2700e-003	2.9200e-003	4.0000e-005	1.2500e-003	4.0000e-005	1.2800e-003	3.6000e-004	3.0000e-005	3.9000e-004	0.0000	3.5488	3.5488	2.1000e-004	5.1000e-004	3.7060
Worker	9.3000e-004	6.7000e-004	9.6300e-003	3.0000e-005	3.6200e-003	2.0000e-005	3.6400e-003	9.6000e-004	2.0000e-005	9.8000e-004	0.0000	2.7890	2.7890	6.0000e-005	7.0000e-005	2.8104
Total	1.1300e-003	7.9400e-003	0.0126	7.0000e-005	4.8700e-003	6.0000e-005	4.9200e-003	1.3200e-003	5.0000e-005	1.3700e-003	0.0000	6.3378	6.3378	2.7000e-004	5.8000e-004	6.5164

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0202	0.1791	0.2686	4.3000e-004		8.1800e-003	8.1800e-003		7.6400e-003	7.6400e-003	0.0000	35.8319	35.8319	0.0106	0.0000	36.0974
Total	0.0202	0.1791	0.2686	4.3000e-004	0.0000	8.1800e-003	8.1800e-003	0.0000	7.6400e-003	7.6400e-003	0.0000	35.8319	35.8319	0.0106	0.0000	36.0974

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3.3 Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-004	7.2700e-003	2.9200e-003	4.0000e-005	1.2500e-003	4.0000e-005	1.2800e-003	3.6000e-004	3.0000e-005	3.9000e-004	0.0000	3.5488	3.5488	2.1000e-004	5.1000e-004	3.7060
Worker	9.3000e-004	6.7000e-004	9.6300e-003	3.0000e-005	3.6200e-003	2.0000e-005	3.6400e-003	9.6000e-004	2.0000e-005	9.8000e-004	0.0000	2.7890	2.7890	6.0000e-005	7.0000e-005	2.8104
Total	1.1300e-003	7.9400e-003	0.0126	7.0000e-005	4.8700e-003	6.0000e-005	4.9200e-003	1.3200e-003	5.0000e-005	1.3700e-003	0.0000	6.3378	6.3378	2.7000e-004	5.8000e-004	6.5164

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0240	0.2047	0.2780	6.5000e-004		8.5700e-003	8.5700e-003		7.9900e-003	7.9900e-003	0.0000	55.8335	55.8335	0.0171	0.0000	56.2606
Total	0.0240	0.2047	0.2780	6.5000e-004	0.0000	8.5700e-003	8.5700e-003	0.0000	7.9900e-003	7.9900e-003	0.0000	55.8335	55.8335	0.0171	0.0000	56.2606

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3.4 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.9000e-004	0.0550	0.0180	2.5000e-004	7.5400e-003	3.4000e-004	7.8700e-003	2.0700e-003	3.2000e-004	2.3900e-003	0.0000	25.4800	25.4800	2.5700e-003	4.0900e-003	26.7623
Vendor	2.0000e-004	7.2700e-003	2.9200e-003	4.0000e-005	1.2500e-003	4.0000e-005	1.2800e-003	3.6000e-004	3.0000e-005	3.9000e-004	0.0000	3.5488	3.5488	2.1000e-004	5.1000e-004	3.7060
Worker	9.3000e-004	6.7000e-004	9.6300e-003	3.0000e-005	3.6200e-003	2.0000e-005	3.6400e-003	9.6000e-004	2.0000e-005	9.8000e-004	0.0000	2.7890	2.7890	6.0000e-005	7.0000e-005	2.8104
Total	2.0200e-003	0.0630	0.0306	3.2000e-004	0.0124	4.0000e-004	0.0128	3.3900e-003	3.7000e-004	3.7600e-003	0.0000	31.8178	31.8178	2.8400e-003	4.6700e-003	33.2787

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0240	0.2047	0.2780	6.5000e-004		8.5700e-003	8.5700e-003		7.9900e-003	7.9900e-003	0.0000	55.8334	55.8334	0.0171	0.0000	56.2605
Total	0.0240	0.2047	0.2780	6.5000e-004	0.0000	8.5700e-003	8.5700e-003	0.0000	7.9900e-003	7.9900e-003	0.0000	55.8334	55.8334	0.0171	0.0000	56.2605

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3.4 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.9000e-004	0.0550	0.0180	2.5000e-004	7.5400e-003	3.4000e-004	7.8700e-003	2.0700e-003	3.2000e-004	2.3900e-003	0.0000	25.4800	25.4800	2.5700e-003	4.0900e-003	26.7623
Vendor	2.0000e-004	7.2700e-003	2.9200e-003	4.0000e-005	1.2500e-003	4.0000e-005	1.2800e-003	3.6000e-004	3.0000e-005	3.9000e-004	0.0000	3.5488	3.5488	2.1000e-004	5.1000e-004	3.7060
Worker	9.3000e-004	6.7000e-004	9.6300e-003	3.0000e-005	3.6200e-003	2.0000e-005	3.6400e-003	9.6000e-004	2.0000e-005	9.8000e-004	0.0000	2.7890	2.7890	6.0000e-005	7.0000e-005	2.8104
Total	2.0200e-003	0.0630	0.0306	3.2000e-004	0.0124	4.0000e-004	0.0128	3.3900e-003	3.7000e-004	3.7600e-003	0.0000	31.8178	31.8178	2.8400e-003	4.6700e-003	33.2787

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0294	0.2795	0.2311	6.7000e-004		0.0113	0.0113		0.0105	0.0105	0.0000	57.5912	57.5912	0.0177	0.0000	58.0325
Total	0.0294	0.2795	0.2311	6.7000e-004		0.0113	0.0113		0.0105	0.0105	0.0000	57.5912	57.5912	0.0177	0.0000	58.0325

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3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	9.6900e-003	3.8900e-003	5.0000e-005	1.6600e-003	5.0000e-005	1.7100e-003	4.8000e-004	5.0000e-005	5.3000e-004	0.0000	4.7318	4.7318	2.8000e-004	6.8000e-004	4.9413
Worker	9.0000e-005	7.0000e-005	9.6000e-004	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2789	0.2789	1.0000e-005	1.0000e-005	0.2810
Total	3.5000e-004	9.7600e-003	4.8500e-003	5.0000e-005	2.0200e-003	5.0000e-005	2.0700e-003	5.8000e-004	5.0000e-005	6.3000e-004	0.0000	5.0107	5.0107	2.9000e-004	6.9000e-004	5.2223

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0294	0.2795	0.2311	6.7000e-004		0.0113	0.0113		0.0105	0.0105	0.0000	57.5911	57.5911	0.0177	0.0000	58.0325
Total	0.0294	0.2795	0.2311	6.7000e-004		0.0113	0.0113		0.0105	0.0105	0.0000	57.5911	57.5911	0.0177	0.0000	58.0325

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3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	9.6900e-003	3.8900e-003	5.0000e-005	1.6600e-003	5.0000e-005	1.7100e-003	4.8000e-004	5.0000e-005	5.3000e-004	0.0000	4.7318	4.7318	2.8000e-004	6.8000e-004	4.9413
Worker	9.0000e-005	7.0000e-005	9.6000e-004	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2789	0.2789	1.0000e-005	1.0000e-005	0.2810
Total	3.5000e-004	9.7600e-003	4.8500e-003	5.0000e-005	2.0200e-003	5.0000e-005	2.0700e-003	5.8000e-004	5.0000e-005	6.3000e-004	0.0000	5.0107	5.0107	2.9000e-004	6.9000e-004	5.2223

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.4600e-003	0.0472	0.0584	1.0000e-004		2.2900e-003	2.2900e-003		2.1500e-003	2.1500e-003	0.0000	7.9485	7.9485	2.2500e-003	0.0000	8.0046
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.4600e-003	0.0472	0.0584	1.0000e-004		2.2900e-003	2.2900e-003		2.1500e-003	2.1500e-003	0.0000	7.9485	7.9485	2.2500e-003	0.0000	8.0046

BNSF Waterline Crossing - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	2.4200e-003	9.7000e-004	1.0000e-005	4.2000e-004	1.0000e-005	4.3000e-004	1.2000e-004	1.0000e-005	1.3000e-004	0.0000	1.1829	1.1829	7.0000e-005	1.7000e-004	1.2353
Worker	2.5000e-004	1.8000e-004	2.5700e-003	1.0000e-005	9.7000e-004	1.0000e-005	9.7000e-004	2.6000e-004	0.0000	2.6000e-004	0.0000	0.7437	0.7437	2.0000e-005	2.0000e-005	0.7494
Total	3.2000e-004	2.6000e-003	3.5400e-003	2.0000e-005	1.3900e-003	2.0000e-005	1.4000e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.9267	1.9267	9.0000e-005	1.9000e-004	1.9848

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.4600e-003	0.0472	0.0584	1.0000e-004		2.2900e-003	2.2900e-003		2.1500e-003	2.1500e-003	0.0000	7.9484	7.9484	2.2500e-003	0.0000	8.0046
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.4600e-003	0.0472	0.0584	1.0000e-004		2.2900e-003	2.2900e-003		2.1500e-003	2.1500e-003	0.0000	7.9484	7.9484	2.2500e-003	0.0000	8.0046

BNSF Waterline Crossing - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Paving - 2023****Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	2.4200e-003	9.7000e-004	1.0000e-005	4.2000e-004	1.0000e-005	4.3000e-004	1.2000e-004	1.0000e-005	1.3000e-004	0.0000	1.1829	1.1829	7.0000e-005	1.7000e-004	1.2353
Worker	2.5000e-004	1.8000e-004	2.5700e-003	1.0000e-005	9.7000e-004	1.0000e-005	9.7000e-004	2.6000e-004	0.0000	2.6000e-004	0.0000	0.7437	0.7437	2.0000e-005	2.0000e-005	0.7494
Total	3.2000e-004	2.6000e-003	3.5400e-003	2.0000e-005	1.3900e-003	2.0000e-005	1.4000e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.9267	1.9267	9.0000e-005	1.9000e-004	1.9848

BNSF Waterline Crossing - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.544795	0.058861	0.186903	0.129401	0.024381	0.006522	0.014242	0.004855	0.000656	0.000385	0.024332	0.000723	0.003942

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Historical Energy Use: N

5.1 Mitigation Measures Energy

[illegible]

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Unmitigated

[illegible]

Mitigated

[illegible]

BNSF Waterline Crossing - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**5.3 Energy by Land Use - Electricity****Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail**6.1 Mitigation Measures Area**

BNSF Waterline Crossing - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0111	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	3.0000e-005
Unmitigated	0.0111	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	3.0000e-005

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.7000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0107					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	3.0000e-005
Total	0.0111	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	3.0000e-005

BNSF Waterline Crossing - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.7000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0107					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	3.0000e-005
Total	0.0111	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	3.0000e-005

7.0 Water Detail

7.1 Mitigation Measures Water

BNSF Waterline Crossing - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

BNSF Waterline Crossing - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**7.2 Water by Land Use****Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail**8.1 Mitigation Measures Waste****Category/Year**

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

BNSF Waterline Crossing - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**8.2 Waste by Land Use****Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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BNSF Waterline Crossing - Orange County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**10.0 Stationary Equipment**

Fire Pumps and Emergency Generators

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

Boilers

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

Equipment Type	Number
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11.0 Vegetation

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

BNSF Waterline Crossing
Orange County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1.00	User Defined Unit	0.10	2,960.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2023
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Estimated based on lineal feet of pipes
- Construction Phase - Based on project's anticipated schedule
- Off-road Equipment - Estimated
- Off-road Equipment - Estimated
- Off-road Equipment - Estimated
- Off-road Equipment - Estimated
- Off-road Equipment - Estimated
- Trips and VMT - Estimated
- Demolition -
- Grading -
- Construction Off-road Equipment Mitigation -

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	1480	400
tblAreaCoating	Area_Nonresidential_Interior	4440	1200
tblConstructionPhase	NumDays	10.00	44.00
tblConstructionPhase	NumDays	1.00	66.00
tblConstructionPhase	NumDays	2.00	66.00
tblConstructionPhase	NumDays	100.00	66.00
tblConstructionPhase	NumDays	5.00	22.00
tblLandUse	LandUseSquareFeet	0.00	2,960.00
tblLandUse	LotAcreage	0.00	0.10
tblOffRoadEquipment	HorsePower	221.00	80.00
tblOffRoadEquipment	LoadFactor	0.50	0.38
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	0.00	878.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	8.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00

2.0 Emissions Summary

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.7289	5.8546	7.1685	0.0134	0.1510	0.2854	0.4364	0.0385	0.2781	0.3165	0.0000	1,251.691 8	1,251.691 8	0.1547	0.0206	1,261.693 0
2023	0.9009	8.7512	9.3619	0.0293	0.3822	0.3446	0.6536	0.1042	0.3204	0.3577	0.0000	2,930.822 8	2,930.822 8	0.6657	0.1555	2,993.814 8
Maximum	0.9009	8.7512	9.3619	0.0293	0.3822	0.3446	0.6536	0.1042	0.3204	0.3577	0.0000	2,930.822 8	2,930.822 8	0.6657	0.1555	2,993.814 8

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.7289	5.8546	7.1685	0.0134	0.1391	0.2854	0.4245	0.0367	0.2781	0.3147	0.0000	1,251.691 8	1,251.691 8	0.1547	0.0206	1,261.693 0
2023	0.9009	8.7512	9.3619	0.0293	0.3822	0.3446	0.6536	0.1042	0.3204	0.3577	0.0000	2,930.822 8	2,930.822 8	0.6657	0.1555	2,993.814 8
Maximum	0.9009	8.7512	9.3619	0.0293	0.3822	0.3446	0.6536	0.1042	0.3204	0.3577	0.0000	2,930.822 8	2,930.822 8	0.6657	0.1555	2,993.814 8

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	2.23	0.00	1.09	1.26	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**2.2 Overall Operational****Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0607	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0607	0.0000	1.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000	0.0000	2.3000e-004

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0607	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0607	0.0000	1.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000	0.0000	2.3000e-004

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/14/2022	2/13/2023	5	44	
2	Site Preparation	Site Preparation	2/14/2023	5/16/2023	5	66	
3	Grading	Grading	5/17/2023	8/16/2023	5	66	
4	Building Construction	Building Construction	8/17/2023	11/16/2023	5	66	
5	Paving	Paving	11/17/2023	12/18/2023	5	22	

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 0****Acres of Paving: 0****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Signal Boards	1	24.00	6	0.82
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Bore/Drill Rigs	1	8.00	80	0.38
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Signal Boards	1	24.00	6	0.82

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Excavators	1	8.00	158	0.38
Grading	Signal Boards	1	24.00	6	0.82
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Signal Boards	1	24.00	6	0.82
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Paving	Signal Boards	1	24.00	6	0.82
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	3	8.00	6.00	4.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	4	10.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	6.00	878.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	4	1.00	8.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	3	8.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0216	0.0000	0.0216	3.2700e-003	0.0000	3.2700e-003			0.0000			0.0000
Off-Road	0.6945	5.5551	6.8057	0.0115		0.2822	0.2822		0.2750	0.2750		1,041.8445	1,041.8445	0.1451		1,045.4724
Total	0.6945	5.5551	6.8057	0.0115	0.0216	0.2822	0.3038	3.2700e-003	0.2750	0.2783		1,041.8445	1,041.8445	0.1451		1,045.4724

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.7000e-004	0.0142	3.9800e-003	5.0000e-005	1.5900e-003	1.1000e-004	1.6900e-003	4.3000e-004	1.0000e-004	5.4000e-004		6.1463	6.1463	5.9000e-004	9.8000e-004	6.4543
Vendor	9.9800e-003	0.2692	0.0956	1.1400e-003	0.0384	2.6200e-003	0.0410	0.0110	2.5100e-003	0.0136		124.4146	124.4146	7.1300e-003	0.0178	129.9060
Worker	0.0241	0.0162	0.2633	7.8000e-004	0.0894	4.8000e-004	0.0899	0.0237	4.4000e-004	0.0242		79.2864	79.2864	1.8500e-003	1.7700e-003	79.8603
Total	0.0344	0.2995	0.3628	1.9700e-003	0.1294	3.2100e-003	0.1326	0.0352	3.0500e-003	0.0383		209.8473	209.8473	9.5700e-003	0.0206	216.2206

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.7200e-003	0.0000	9.7200e-003	1.4700e-003	0.0000	1.4700e-003			0.0000			0.0000
Off-Road	0.6945	5.5551	6.8057	0.0115		0.2822	0.2822		0.2750	0.2750	0.0000	1,041.8445	1,041.8445	0.1451		1,045.4724
Total	0.6945	5.5551	6.8057	0.0115	9.7200e-003	0.2822	0.2919	1.4700e-003	0.2750	0.2765	0.0000	1,041.8445	1,041.8445	0.1451		1,045.4724

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.7000e-004	0.0142	3.9800e-003	5.0000e-005	1.5900e-003	1.1000e-004	1.6900e-003	4.3000e-004	1.0000e-004	5.4000e-004		6.1463	6.1463	5.9000e-004	9.8000e-004	6.4543
Vendor	9.9800e-003	0.2692	0.0956	1.1400e-003	0.0384	2.6200e-003	0.0410	0.0110	2.5100e-003	0.0136		124.4146	124.4146	7.1300e-003	0.0178	129.9060
Worker	0.0241	0.0162	0.2633	7.8000e-004	0.0894	4.8000e-004	0.0899	0.0237	4.4000e-004	0.0242		79.2864	79.2864	1.8500e-003	1.7700e-003	79.8603
Total	0.0344	0.2995	0.3628	1.9700e-003	0.1294	3.2100e-003	0.1326	0.0352	3.0500e-003	0.0383		209.8473	209.8473	9.5700e-003	0.0206	216.2206

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0216	0.0000	0.0216	3.2700e-003	0.0000	3.2700e-003			0.0000			0.0000
Off-Road	0.6572	5.1982	6.7917	0.0115		0.2460	0.2460		0.2399	0.2399		1,042.1828	1,042.1828	0.1421		1,045.7352
Total	0.6572	5.1982	6.7917	0.0115	0.0216	0.2460	0.2676	3.2700e-003	0.2399	0.2432		1,042.1828	1,042.1828	0.1421		1,045.7352

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9000e-004	0.0108	3.7100e-003	5.0000e-005	1.5900e-003	7.0000e-005	1.6600e-003	4.3000e-004	7.0000e-005	5.0000e-004		5.8141	5.8141	5.9000e-004	9.3000e-004	6.1067
Vendor	6.0600e-003	0.2103	0.0872	1.0800e-003	0.0384	1.0800e-003	0.0394	0.0110	1.0300e-003	0.0121		118.4696	118.4696	7.0400e-003	0.0170	123.7114
Worker	0.0225	0.0144	0.2450	7.5000e-004	0.0894	4.6000e-004	0.0899	0.0237	4.2000e-004	0.0241		77.2248	77.2248	1.6800e-003	1.6500e-003	77.7578
Total	0.0288	0.2355	0.3359	1.8800e-003	0.1294	1.6100e-003	0.1310	0.0352	1.5200e-003	0.0367		201.5086	201.5086	9.3100e-003	0.0196	207.5758

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.7200e-003	0.0000	9.7200e-003	1.4700e-003	0.0000	1.4700e-003			0.0000			0.0000
Off-Road	0.6572	5.1982	6.7917	0.0115		0.2460	0.2460		0.2399	0.2399	0.0000	1,042.1828	1,042.1828	0.1421		1,045.7352
Total	0.6572	5.1982	6.7917	0.0115	9.7200e-003	0.2460	0.2557	1.4700e-003	0.2399	0.2414	0.0000	1,042.1828	1,042.1828	0.1421		1,045.7352

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9000e-004	0.0108	3.7100e-003	5.0000e-005	1.5900e-003	7.0000e-005	1.6600e-003	4.3000e-004	7.0000e-005	5.0000e-004		5.8141	5.8141	5.9000e-004	9.3000e-004	6.1067
Vendor	6.0600e-003	0.2103	0.0872	1.0800e-003	0.0384	1.0800e-003	0.0394	0.0110	1.0300e-003	0.0121		118.4696	118.4696	7.0400e-003	0.0170	123.7114
Worker	0.0225	0.0144	0.2450	7.5000e-004	0.0894	4.6000e-004	0.0899	0.0237	4.2000e-004	0.0241		77.2248	77.2248	1.6800e-003	1.6500e-003	77.7578
Total	0.0288	0.2355	0.3359	1.8800e-003	0.1294	1.6100e-003	0.1310	0.0352	1.5200e-003	0.0367		201.5086	201.5086	9.3100e-003	0.0196	207.5758

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.6125	5.4261	8.1387	0.0129		0.2480	0.2480		0.2315	0.2315		1,196.909 2	1,196.909 2	0.3546		1,205.774 6
Total	0.6125	5.4261	8.1387	0.0129	0.0000	0.2480	0.2480	0.0000	0.2315	0.2315		1,196.909 2	1,196.909 2	0.3546		1,205.774 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0600e-003	0.2103	0.0872	1.0800e-003	0.0384	1.0800e-003	0.0394	0.0110	1.0300e-003	0.0121		118.4696	118.4696	7.0400e-003	0.0170	123.7114
Worker	0.0282	0.0180	0.3062	9.4000e-004	0.1118	5.7000e-004	0.1124	0.0296	5.3000e-004	0.0302		96.5311	96.5311	2.1000e-003	2.0600e-003	97.1972
Total	0.0342	0.2283	0.3934	2.0200e-003	0.1502	1.6500e-003	0.1518	0.0407	1.5600e-003	0.0422		215.0007	215.0007	9.1400e-003	0.0191	220.9086

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.6125	5.4261	8.1387	0.0129		0.2480	0.2480		0.2315	0.2315	0.0000	1,196.909 2	1,196.909 2	0.3546		1,205.774 6
Total	0.6125	5.4261	8.1387	0.0129	0.0000	0.2480	0.2480	0.0000	0.2315	0.2315	0.0000	1,196.909 2	1,196.909 2	0.3546		1,205.774 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0600e-003	0.2103	0.0872	1.0800e-003	0.0384	1.0800e-003	0.0394	0.0110	1.0300e-003	0.0121		118.4696	118.4696	7.0400e-003	0.0170	123.7114
Worker	0.0282	0.0180	0.3062	9.4000e-004	0.1118	5.7000e-004	0.1124	0.0296	5.3000e-004	0.0302		96.5311	96.5311	2.1000e-003	2.0600e-003	97.1972
Total	0.0342	0.2283	0.3934	2.0200e-003	0.1502	1.6500e-003	0.1518	0.0407	1.5600e-003	0.0422		215.0007	215.0007	9.1400e-003	0.0191	220.9086

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7272	6.2021	8.4250	0.0198		0.2596	0.2596		0.2422	0.2422		1,865.026 0	1,865.026 0	0.5707		1,879.293 5
Total	0.7272	6.2021	8.4250	0.0198	0.0000	0.2596	0.2596	0.0000	0.2422	0.2422		1,865.026 0	1,865.026 0	0.5707		1,879.293 5

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0277	1.5854	0.5435	7.4600e-003	0.2320	0.0102	0.2422	0.0635	9.7600e-003	0.0733		850.7961	850.7961	0.0858	0.1365	893.6128
Vendor	6.0600e-003	0.2103	0.0872	1.0800e-003	0.0384	1.0800e-003	0.0394	0.0110	1.0300e-003	0.0121		118.4696	118.4696	7.0400e-003	0.0170	123.7114
Worker	0.0282	0.0180	0.3062	9.4000e-004	0.1118	5.7000e-004	0.1124	0.0296	5.3000e-004	0.0302		96.5311	96.5311	2.1000e-003	2.0600e-003	97.1972
Total	0.0620	1.8137	0.9368	9.4800e-003	0.3822	0.0119	0.3940	0.1042	0.0113	0.1155		1,065.796 7	1,065.796 7	0.0950	0.1555	1,114.521 3

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7272	6.2021	8.4250	0.0198		0.2596	0.2596		0.2422	0.2422	0.0000	1,865.026 0	1,865.026 0	0.5707		1,879.293 5
Total	0.7272	6.2021	8.4250	0.0198	0.0000	0.2596	0.2596	0.0000	0.2422	0.2422	0.0000	1,865.026 0	1,865.026 0	0.5707		1,879.293 5

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0277	1.5854	0.5435	7.4600e-003	0.2320	0.0102	0.2422	0.0635	9.7600e-003	0.0733		850.7961	850.7961	0.0858	0.1365	893.6128
Vendor	6.0600e-003	0.2103	0.0872	1.0800e-003	0.0384	1.0800e-003	0.0394	0.0110	1.0300e-003	0.0121		118.4696	118.4696	7.0400e-003	0.0170	123.7114
Worker	0.0282	0.0180	0.3062	9.4000e-004	0.1118	5.7000e-004	0.1124	0.0296	5.3000e-004	0.0302		96.5311	96.5311	2.1000e-003	2.0600e-003	97.1972
Total	0.0620	1.8137	0.9368	9.4800e-003	0.3822	0.0119	0.3940	0.1042	0.0113	0.1155		1,065.796 7	1,065.796 7	0.0950	0.1555	1,114.521 3

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8900	8.4690	7.0017	0.0204		0.3431	0.3431		0.3190	0.3190		1,923.7396	1,923.7396	0.5897		1,938.4818
Total	0.8900	8.4690	7.0017	0.0204		0.3431	0.3431		0.3190	0.3190		1,923.7396	1,923.7396	0.5897		1,938.4818

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0800e-003	0.2804	0.1162	1.4400e-003	0.0512	1.4400e-003	0.0526	0.0147	1.3800e-003	0.0161		157.9595	157.9595	9.3900e-003	0.0227	164.9485
Worker	2.8200e-003	1.8000e-003	0.0306	9.0000e-005	0.0112	6.0000e-005	0.0112	2.9600e-003	5.0000e-005	3.0200e-003		9.6531	9.6531	2.1000e-004	2.1000e-004	9.7197
Total	0.0109	0.2822	0.1469	1.5300e-003	0.0623	1.5000e-003	0.0638	0.0177	1.4300e-003	0.0191		167.6126	167.6126	9.6000e-003	0.0229	174.6682

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8900	8.4690	7.0017	0.0204		0.3431	0.3431		0.3190	0.3190	0.0000	1,923.7396	1,923.7396	0.5897		1,938.4818
Total	0.8900	8.4690	7.0017	0.0204		0.3431	0.3431		0.3190	0.3190	0.0000	1,923.7396	1,923.7396	0.5897		1,938.4818

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0800e-003	0.2804	0.1162	1.4400e-003	0.0512	1.4400e-003	0.0526	0.0147	1.3800e-003	0.0161		157.9595	157.9595	9.3900e-003	0.0227	164.9485
Worker	2.8200e-003	1.8000e-003	0.0306	9.0000e-005	0.0112	6.0000e-005	0.0112	2.9600e-003	5.0000e-005	3.0200e-003		9.6531	9.6531	2.1000e-004	2.1000e-004	9.7197
Total	0.0109	0.2822	0.1469	1.5300e-003	0.0623	1.5000e-003	0.0638	0.0177	1.4300e-003	0.0191		167.6126	167.6126	9.6000e-003	0.0229	174.6682

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4965	4.2913	5.3120	8.7800e-003		0.2085	0.2085		0.1951	0.1951		796.5154	796.5154	0.2251		802.1434
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.4965	4.2913	5.3120	8.7800e-003		0.2085	0.2085		0.1951	0.1951		796.5154	796.5154	0.2251		802.1434

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0600e-003	0.2103	0.0872	1.0800e-003	0.0384	1.0800e-003	0.0394	0.0110	1.0300e-003	0.0121		118.4696	118.4696	7.0400e-003	0.0170	123.7114
Worker	0.0225	0.0144	0.2450	7.5000e-004	0.0894	4.6000e-004	0.0899	0.0237	4.2000e-004	0.0241		77.2248	77.2248	1.6800e-003	1.6500e-003	77.7578
Total	0.0286	0.2247	0.3321	1.8300e-003	0.1278	1.5400e-003	0.1293	0.0348	1.4500e-003	0.0362		195.6945	195.6945	8.7200e-003	0.0187	201.4691

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4965	4.2913	5.3120	8.7800e-003		0.2085	0.2085		0.1951	0.1951	0.0000	796.5154	796.5154	0.2251		802.1434
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.4965	4.2913	5.3120	8.7800e-003		0.2085	0.2085		0.1951	0.1951	0.0000	796.5154	796.5154	0.2251		802.1434

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0600e-003	0.2103	0.0872	1.0800e-003	0.0384	1.0800e-003	0.0394	0.0110	1.0300e-003	0.0121		118.4696	118.4696	7.0400e-003	0.0170	123.7114
Worker	0.0225	0.0144	0.2450	7.5000e-004	0.0894	4.6000e-004	0.0899	0.0237	4.2000e-004	0.0241		77.2248	77.2248	1.6800e-003	1.6500e-003	77.7578
Total	0.0286	0.2247	0.3321	1.8300e-003	0.1278	1.5400e-003	0.1293	0.0348	1.4500e-003	0.0362		195.6945	195.6945	8.7200e-003	0.0187	201.4691

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.544795	0.058861	0.186903	0.129401	0.024381	0.006522	0.014242	0.004855	0.000656	0.000385	0.024332	0.000723	0.003942

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**5.0 Energy Detail**

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas**Unmitigated**

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

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

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

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0607	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Unmitigated	0.0607	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.0300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0586					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	0.0607	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.0300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0586					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	0.0607	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

7.0 Water Detail

7.1 Mitigation Measures Water

BNSF Waterline Crossing - Orange County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**8.0 Waste Detail**

8.1 Mitigation Measures Waste**9.0 Operational Offroad**

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

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

BNSF Waterline Crossing
Orange County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1.00	User Defined Unit	0.10	2,960.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2023
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Estimated based on lineal feet of pipes
- Construction Phase - Based on project's anticipated schedule
- Off-road Equipment - Estimated
- Off-road Equipment - Estimated
- Off-road Equipment - Estimated
- Off-road Equipment - Estimated
- Off-road Equipment - Estimated
- Trips and VMT - Estimated
- Demolition -
- Grading -
- Construction Off-road Equipment Mitigation -

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	1480	400
tblAreaCoating	Area_Nonresidential_Interior	4440	1200
tblConstructionPhase	NumDays	10.00	44.00
tblConstructionPhase	NumDays	1.00	66.00
tblConstructionPhase	NumDays	2.00	66.00
tblConstructionPhase	NumDays	100.00	66.00
tblConstructionPhase	NumDays	5.00	22.00
tblLandUse	LandUseSquareFeet	0.00	2,960.00
tblLandUse	LotAcreage	0.00	0.10
tblOffRoadEquipment	HorsePower	221.00	80.00
tblOffRoadEquipment	LoadFactor	0.50	0.38
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	0.00	878.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	8.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00

2.0 Emissions Summary

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**2.1 Overall Construction (Maximum Daily Emission)****Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.7309	5.8673	7.1537	0.0134	0.1510	0.2854	0.4364	0.0385	0.2781	0.3165	0.0000	1,247.930 9	1,247.930 9	0.1547	0.0207	1,257.972 2
2023	0.9009	8.7639	9.3497	0.0293	0.3822	0.3446	0.6536	0.1042	0.3204	0.3577	0.0000	2,927.150 7	2,927.150 7	0.6656	0.1558	2,990.229 2
Maximum	0.9009	8.7639	9.3497	0.0293	0.3822	0.3446	0.6536	0.1042	0.3204	0.3577	0.0000	2,927.150 7	2,927.150 7	0.6656	0.1558	2,990.229 2

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.7309	5.8673	7.1537	0.0134	0.1391	0.2854	0.4245	0.0367	0.2781	0.3147	0.0000	1,247.930 9	1,247.930 9	0.1547	0.0207	1,257.972 2
2023	0.9009	8.7639	9.3497	0.0293	0.3822	0.3446	0.6536	0.1042	0.3204	0.3577	0.0000	2,927.150 6	2,927.150 6	0.6656	0.1558	2,990.229 2
Maximum	0.9009	8.7639	9.3497	0.0293	0.3822	0.3446	0.6536	0.1042	0.3204	0.3577	0.0000	2,927.150 6	2,927.150 6	0.6656	0.1558	2,990.229 2

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	2.23	0.00	1.09	1.26	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**2.2 Overall Operational****Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0607	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0607	0.0000	1.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000	0.0000	2.3000e-004

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0607	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0607	0.0000	1.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000	0.0000	2.3000e-004

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/14/2022	2/13/2023	5	44	
2	Site Preparation	Site Preparation	2/14/2023	5/16/2023	5	66	
3	Grading	Grading	5/17/2023	8/16/2023	5	66	
4	Building Construction	Building Construction	8/17/2023	11/16/2023	5	66	
5	Paving	Paving	11/17/2023	12/18/2023	5	22	

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 0****Acres of Paving: 0****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Signal Boards	1	24.00	6	0.82
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Bore/Drill Rigs	1	8.00	80	0.38
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Signal Boards	1	24.00	6	0.82

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Excavators	1	8.00	158	0.38
Grading	Signal Boards	1	24.00	6	0.82
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Signal Boards	1	24.00	6	0.82
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Paving	Signal Boards	1	24.00	6	0.82
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	3	8.00	6.00	4.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	4	10.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	6.00	878.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	4	1.00	8.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	3	8.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.2 Demolition - 2022****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0216	0.0000	0.0216	3.2700e-003	0.0000	3.2700e-003			0.0000			0.0000
Off-Road	0.6945	5.5551	6.8057	0.0115		0.2822	0.2822		0.2750	0.2750		1,041.8445	1,041.8445	0.1451		1,045.4724
Total	0.6945	5.5551	6.8057	0.0115	0.0216	0.2822	0.3038	3.2700e-003	0.2750	0.2783		1,041.8445	1,041.8445	0.1451		1,045.4724

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.6000e-004	0.0147	4.0300e-003	5.0000e-005	1.5900e-003	1.1000e-004	1.6900e-003	4.3000e-004	1.0000e-004	5.4000e-004		6.1478	6.1478	5.9000e-004	9.8000e-004	6.4559
Vendor	9.8400e-003	0.2798	0.0990	1.1400e-003	0.0384	2.6300e-003	0.0410	0.0110	2.5100e-003	0.0136		124.4536	124.4536	7.1200e-003	0.0179	129.9502
Worker	0.0262	0.0178	0.2450	7.4000e-004	0.0894	4.8000e-004	0.0899	0.0237	4.4000e-004	0.0242		75.4850	75.4850	1.8900e-003	1.8800e-003	76.0938
Total	0.0364	0.3122	0.3480	1.9300e-003	0.1294	3.2200e-003	0.1326	0.0352	3.0500e-003	0.0383		206.0864	206.0864	9.6000e-003	0.0207	212.4998

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.7200e-003	0.0000	9.7200e-003	1.4700e-003	0.0000	1.4700e-003			0.0000			0.0000
Off-Road	0.6945	5.5551	6.8057	0.0115		0.2822	0.2822		0.2750	0.2750	0.0000	1,041.8445	1,041.8445	0.1451		1,045.4724
Total	0.6945	5.5551	6.8057	0.0115	9.7200e-003	0.2822	0.2919	1.4700e-003	0.2750	0.2765	0.0000	1,041.8445	1,041.8445	0.1451		1,045.4724

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.6000e-004	0.0147	4.0300e-003	5.0000e-005	1.5900e-003	1.1000e-004	1.6900e-003	4.3000e-004	1.0000e-004	5.4000e-004		6.1478	6.1478	5.9000e-004	9.8000e-004	6.4559
Vendor	9.8400e-003	0.2798	0.0990	1.1400e-003	0.0384	2.6300e-003	0.0410	0.0110	2.5100e-003	0.0136		124.4536	124.4536	7.1200e-003	0.0179	129.9502
Worker	0.0262	0.0178	0.2450	7.4000e-004	0.0894	4.8000e-004	0.0899	0.0237	4.4000e-004	0.0242		75.4850	75.4850	1.8900e-003	1.8800e-003	76.0938
Total	0.0364	0.3122	0.3480	1.9300e-003	0.1294	3.2200e-003	0.1326	0.0352	3.0500e-003	0.0383		206.0864	206.0864	9.6000e-003	0.0207	212.4998

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.2 Demolition - 2023****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0216	0.0000	0.0216	3.2700e-003	0.0000	3.2700e-003			0.0000			0.0000
Off-Road	0.6572	5.1982	6.7917	0.0115		0.2460	0.2460		0.2399	0.2399		1,042.1828	1,042.1828	0.1421		1,045.7352
Total	0.6572	5.1982	6.7917	0.0115	0.0216	0.2460	0.2676	3.2700e-003	0.2399	0.2432		1,042.1828	1,042.1828	0.1421		1,045.7352

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.8000e-004	0.0113	3.7500e-003	5.0000e-005	1.5900e-003	7.0000e-005	1.6600e-003	4.3000e-004	7.0000e-005	5.0000e-004		5.8194	5.8194	5.9000e-004	9.3000e-004	6.1122
Vendor	5.8500e-003	0.2197	0.0900	1.0800e-003	0.0384	1.0900e-003	0.0395	0.0110	1.0400e-003	0.0121		118.6439	118.6439	7.0300e-003	0.0170	123.8967
Worker	0.0246	0.0158	0.2282	7.2000e-004	0.0894	4.6000e-004	0.0899	0.0237	4.2000e-004	0.0241		73.5325	73.5325	1.7200e-003	1.7500e-003	74.0978
Total	0.0307	0.2468	0.3219	1.8500e-003	0.1294	1.6200e-003	0.1310	0.0352	1.5300e-003	0.0367		197.9957	197.9957	9.3400e-003	0.0197	204.1067

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.2 Demolition - 2023****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.7200e-003	0.0000	9.7200e-003	1.4700e-003	0.0000	1.4700e-003			0.0000			0.0000
Off-Road	0.6572	5.1982	6.7917	0.0115		0.2460	0.2460		0.2399	0.2399	0.0000	1,042.1828	1,042.1828	0.1421		1,045.7352
Total	0.6572	5.1982	6.7917	0.0115	9.7200e-003	0.2460	0.2557	1.4700e-003	0.2399	0.2414	0.0000	1,042.1828	1,042.1828	0.1421		1,045.7352

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.8000e-004	0.0113	3.7500e-003	5.0000e-005	1.5900e-003	7.0000e-005	1.6600e-003	4.3000e-004	7.0000e-005	5.0000e-004		5.8194	5.8194	5.9000e-004	9.3000e-004	6.1122
Vendor	5.8500e-003	0.2197	0.0900	1.0800e-003	0.0384	1.0900e-003	0.0395	0.0110	1.0400e-003	0.0121		118.6439	118.6439	7.0300e-003	0.0170	123.8967
Worker	0.0246	0.0158	0.2282	7.2000e-004	0.0894	4.6000e-004	0.0899	0.0237	4.2000e-004	0.0241		73.5325	73.5325	1.7200e-003	1.7500e-003	74.0978
Total	0.0307	0.2468	0.3219	1.8500e-003	0.1294	1.6200e-003	0.1310	0.0352	1.5300e-003	0.0367		197.9957	197.9957	9.3400e-003	0.0197	204.1067

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.3 Site Preparation - 2023****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.6125	5.4261	8.1387	0.0129		0.2480	0.2480		0.2315	0.2315		1,196.909 2	1,196.909 2	0.3546		1,205.774 6
Total	0.6125	5.4261	8.1387	0.0129	0.0000	0.2480	0.2480	0.0000	0.2315	0.2315		1,196.909 2	1,196.909 2	0.3546		1,205.774 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.8500e-003	0.2197	0.0900	1.0800e-003	0.0384	1.0900e-003	0.0395	0.0110	1.0400e-003	0.0121		118.6439	118.6439	7.0300e-003	0.0170	123.8967
Worker	0.0308	0.0198	0.2853	9.0000e-004	0.1118	5.7000e-004	0.1124	0.0296	5.3000e-004	0.0302		91.9157	91.9157	2.1500e-003	2.1900e-003	92.6223
Total	0.0366	0.2394	0.3752	1.9800e-003	0.1502	1.6600e-003	0.1518	0.0407	1.5700e-003	0.0423		210.5595	210.5595	9.1800e-003	0.0192	216.5190

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.3 Site Preparation - 2023****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.6125	5.4261	8.1387	0.0129		0.2480	0.2480		0.2315	0.2315	0.0000	1,196.909 2	1,196.909 2	0.3546		1,205.774 6
Total	0.6125	5.4261	8.1387	0.0129	0.0000	0.2480	0.2480	0.0000	0.2315	0.2315	0.0000	1,196.909 2	1,196.909 2	0.3546		1,205.774 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.8500e-003	0.2197	0.0900	1.0800e-003	0.0384	1.0900e-003	0.0395	0.0110	1.0400e-003	0.0121		118.6439	118.6439	7.0300e-003	0.0170	123.8967
Worker	0.0308	0.0198	0.2853	9.0000e-004	0.1118	5.7000e-004	0.1124	0.0296	5.3000e-004	0.0302		91.9157	91.9157	2.1500e-003	2.1900e-003	92.6223
Total	0.0366	0.2394	0.3752	1.9800e-003	0.1502	1.6600e-003	0.1518	0.0407	1.5700e-003	0.0423		210.5595	210.5595	9.1800e-003	0.0192	216.5190

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.4 Grading - 2023****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7272	6.2021	8.4250	0.0198		0.2596	0.2596		0.2422	0.2422		1,865.026 0	1,865.026 0	0.5707		1,879.293 5
Total	0.7272	6.2021	8.4250	0.0198	0.0000	0.2596	0.2596	0.0000	0.2422	0.2422		1,865.026 0	1,865.026 0	0.5707		1,879.293 5

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0261	1.6528	0.5494	7.4700e-003	0.2320	0.0102	0.2422	0.0635	9.7900e-003	0.0733		851.5651	851.5651	0.0857	0.1366	894.4168
Vendor	5.8500e-003	0.2197	0.0900	1.0800e-003	0.0384	1.0900e-003	0.0395	0.0110	1.0400e-003	0.0121		118.6439	118.6439	7.0300e-003	0.0170	123.8967
Worker	0.0308	0.0198	0.2853	9.0000e-004	0.1118	5.7000e-004	0.1124	0.0296	5.3000e-004	0.0302		91.9157	91.9157	2.1500e-003	2.1900e-003	92.6223
Total	0.0627	1.8923	0.9246	9.4500e-003	0.3822	0.0119	0.3940	0.1042	0.0114	0.1156		1,062.124 6	1,062.124 6	0.0949	0.1558	1,110.935 7

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.4 Grading - 2023****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7272	6.2021	8.4250	0.0198		0.2596	0.2596		0.2422	0.2422	0.0000	1,865.026 0	1,865.026 0	0.5707		1,879.293 5
Total	0.7272	6.2021	8.4250	0.0198	0.0000	0.2596	0.2596	0.0000	0.2422	0.2422	0.0000	1,865.026 0	1,865.026 0	0.5707		1,879.293 5

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0261	1.6528	0.5494	7.4700e-003	0.2320	0.0102	0.2422	0.0635	9.7900e-003	0.0733		851.5651	851.5651	0.0857	0.1366	894.4168
Vendor	5.8500e-003	0.2197	0.0900	1.0800e-003	0.0384	1.0900e-003	0.0395	0.0110	1.0400e-003	0.0121		118.6439	118.6439	7.0300e-003	0.0170	123.8967
Worker	0.0308	0.0198	0.2853	9.0000e-004	0.1118	5.7000e-004	0.1124	0.0296	5.3000e-004	0.0302		91.9157	91.9157	2.1500e-003	2.1900e-003	92.6223
Total	0.0627	1.8923	0.9246	9.4500e-003	0.3822	0.0119	0.3940	0.1042	0.0114	0.1156		1,062.124 6	1,062.124 6	0.0949	0.1558	1,110.935 7

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8900	8.4690	7.0017	0.0204		0.3431	0.3431		0.3190	0.3190		1,923.7396	1,923.7396	0.5897		1,938.4818
Total	0.8900	8.4690	7.0017	0.0204		0.3431	0.3431		0.3190	0.3190		1,923.7396	1,923.7396	0.5897		1,938.4818

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.8000e-003	0.2929	0.1200	1.4400e-003	0.0512	1.4500e-003	0.0526	0.0147	1.3800e-003	0.0161		158.1918	158.1918	9.3700e-003	0.0227	165.1956
Worker	3.0800e-003	1.9800e-003	0.0285	9.0000e-005	0.0112	6.0000e-005	0.0112	2.9600e-003	5.0000e-005	3.0200e-003		9.1916	9.1916	2.1000e-004	2.2000e-004	9.2622
Total	0.0109	0.2949	0.1485	1.5300e-003	0.0623	1.5100e-003	0.0638	0.0177	1.4300e-003	0.0191		167.3834	167.3834	9.5800e-003	0.0229	174.4578

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8900	8.4690	7.0017	0.0204		0.3431	0.3431		0.3190	0.3190	0.0000	1,923.7396	1,923.7396	0.5897		1,938.4818
Total	0.8900	8.4690	7.0017	0.0204		0.3431	0.3431		0.3190	0.3190	0.0000	1,923.7396	1,923.7396	0.5897		1,938.4818

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.8000e-003	0.2929	0.1200	1.4400e-003	0.0512	1.4500e-003	0.0526	0.0147	1.3800e-003	0.0161		158.1918	158.1918	9.3700e-003	0.0227	165.1956
Worker	3.0800e-003	1.9800e-003	0.0285	9.0000e-005	0.0112	6.0000e-005	0.0112	2.9600e-003	5.0000e-005	3.0200e-003		9.1916	9.1916	2.1000e-004	2.2000e-004	9.2622
Total	0.0109	0.2949	0.1485	1.5300e-003	0.0623	1.5100e-003	0.0638	0.0177	1.4300e-003	0.0191		167.3834	167.3834	9.5800e-003	0.0229	174.4578

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Paving - 2023****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4965	4.2913	5.3120	8.7800e-003		0.2085	0.2085		0.1951	0.1951		796.5154	796.5154	0.2251		802.1434
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.4965	4.2913	5.3120	8.7800e-003		0.2085	0.2085		0.1951	0.1951		796.5154	796.5154	0.2251		802.1434

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.8500e-003	0.2197	0.0900	1.0800e-003	0.0384	1.0900e-003	0.0395	0.0110	1.0400e-003	0.0121		118.6439	118.6439	7.0300e-003	0.0170	123.8967
Worker	0.0246	0.0158	0.2282	7.2000e-004	0.0894	4.6000e-004	0.0899	0.0237	4.2000e-004	0.0241		73.5325	73.5325	1.7200e-003	1.7500e-003	74.0978
Total	0.0305	0.2355	0.3182	1.8000e-003	0.1278	1.5500e-003	0.1293	0.0348	1.4600e-003	0.0362		192.1764	192.1764	8.7500e-003	0.0188	197.9945

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4965	4.2913	5.3120	8.7800e-003		0.2085	0.2085		0.1951	0.1951	0.0000	796.5154	796.5154	0.2251		802.1434
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.4965	4.2913	5.3120	8.7800e-003		0.2085	0.2085		0.1951	0.1951	0.0000	796.5154	796.5154	0.2251		802.1434

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.8500e-003	0.2197	0.0900	1.0800e-003	0.0384	1.0900e-003	0.0395	0.0110	1.0400e-003	0.0121		118.6439	118.6439	7.0300e-003	0.0170	123.8967
Worker	0.0246	0.0158	0.2282	7.2000e-004	0.0894	4.6000e-004	0.0899	0.0237	4.2000e-004	0.0241		73.5325	73.5325	1.7200e-003	1.7500e-003	74.0978
Total	0.0305	0.2355	0.3182	1.8000e-003	0.1278	1.5500e-003	0.1293	0.0348	1.4600e-003	0.0362		192.1764	192.1764	8.7500e-003	0.0188	197.9945

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**4.0 Operational Detail - Mobile****4.1 Mitigation Measures Mobile**

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.544795	0.058861	0.186903	0.129401	0.024381	0.006522	0.014242	0.004855	0.000656	0.000385	0.024332	0.000723	0.003942

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**5.0 Energy Detail**

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas**Unmitigated**

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

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

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

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0607	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Unmitigated	0.0607	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**6.2 Area by SubCategory****Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.0300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0586					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	0.0607	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**6.2 Area by SubCategory****Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.0300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0586					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	0.0607	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

7.0 Water Detail**7.1 Mitigation Measures Water**

BNSF Waterline Crossing - Orange County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**8.0 Waste Detail**

8.1 Mitigation Measures Waste**9.0 Operational Offroad**

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

Equipment Type	Number
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11.0 Vegetation

APPENDIX B
JURISDICTIONAL DELINEATION

Jurisdictional Delineation Report

BNSF Waterline Crossing at Veterans Village and Highland Avenue Project Placentia, California

Prepared for	Yorba Linda Water District 1717 East Miraloma Avenue Placentia, California 92870 Contact: Mr. Reza Afshar, PE, PMP T: (714) 701-3106
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Prepared by	Psomas 5 Hutton Centre, Suite 300 Santa Ana, California 92707 Contact: Dr. Brad Blood, Senior Project Manager T: (714) 481-8019
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July 2022

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ATTACHMENTS

<u>Attachment</u>
A Summary of Regulatory Authority
B Representative Photographs
C Datasheets
D Literature Review Details

EXECUTIVE SUMMARY

This report provides data regarding the type and extent of jurisdictional resources for the Yorba Linda Water District's (YLWD's) proposed Burlington Northern Santa Fe (BNSF) Waterline Crossing at Veteran's Village and Highland Avenue Project. Jurisdictional resources considered for this report include wetland and non-wetland waters of the United States (WOTUS) regulated by the U.S. Army Corps of Engineers (USACE); waters of the State regulated by the Regional Water Quality Control Board (RWQCB); and waters, including the bed, bank, and channel of all lakes, rivers, and/or streams (and associated wetland and riparian vegetation), as regulated by the California Department of Fish and Wildlife (CDFW).

The limits of non-wetland WOTUS and waters of the State were identified by the presence of an Ordinary High Water Mark (OHWM). Wetland features were identified based on the USACE's three-parameter approach in which wetlands are defined by the presence of hydrophytic vegetation, hydric soils, and wetland hydrology indicators. The limits of RWQCB waters and wetlands are equal those of the USACE unless isolated conditions are present. The limits of CDFW jurisdictional waters were identified as either the top of the stream bank or the outer drip line of riparian vegetation associated with the feature.

The jurisdictional delineation was conducted on April 7, 2022, by Psomas Regulatory Specialist Allison Rudalevige. Based on the results of the field delineation, a single drainage feature (Atwood Channel) occurs in the survey area. The following is a summary of the jurisdictional resources that occur in the survey area:

- **USACE Jurisdiction:** 0.106 acre (0.001 acre of wetland WOTUS and 0.105 acre of non-wetland WOTUS),
- **RWQCB Jurisdiction:** 0.106 acre (0.001 acre of wetland waters of the State and 0.105 acre of non-wetland waters of the State), and
- **CDFW Jurisdiction:** 0.387 acre.

Based on the current Project design, the new 12-inch water pipe will span Atwood Channel which is not expected to require any modifications to the channel bed or banks. Therefore, there are no anticipated impacts to resources under the jurisdiction of the USACE, the RWQCB, or the CDFW.

1.0 INTRODUCTION

This Jurisdictional Delineation Report (report) has been prepared for the Yorba Linda Water District (YLWD) to provide baseline data concerning the type and extent of water resources under the jurisdiction of the U.S. Army Corps of Engineers (USACE), the Regional Water Quality Control Board (RWQCB), and the California Department of Fish and Wildlife (CDFW) in support of the proposed Burlington Northern Santa Fe (BNSF) Waterline Crossing at Veterans Village and Highland Avenue Project (hereinafter referred to as the “Project”).

1.1 PROJECT LOCATION AND ENVIRONMENTAL SETTING

The survey area for this report consists of a 100-foot buffer on either side of the proposed pipeline alignment which runs southward along Highland Avenue, crossing Orangethorpe Avenue, the BNSF railway, the western terminus of Veterans Way, and Atwood Channel in the city of Placentia, Orange County, California (Exhibit 1). The survey area is surrounded by residential uses to the north, commercial/restaurant uses to the east, Placentia Veterans Village apartments to the south, and residential uses to the west.

The survey area is located on the U.S. Geological Survey’s (USGS’) Orange 7.5-minute quadrangle (Exhibit 2). The survey area is dominated by disturbed (i.e., bare ground) or developed conditions with associated ornamental landscaping plants such as pine (*Pinus* sp.), India hawthorn (*Rhaphiolepis indica*), rosemary (*Salvia rosmarinus*), Pride of Madeira (*Echium candicans*), and turf grass. There is a small area of non-native grass/ruderal vegetation adjacent to Veterans Way that contains native and non-native species such as California poppy (*Eschscholzia californica*), miniature lupine (*Lupinus bicolor*), red brome (*Bromus rubens*), Bermuda grass (*Cynodon dactylon*), and redstem filaree (*Erodium cicutarium*). Surrounding land uses consist of residential and commercial development and the BNSF railway.

1.2 PROJECT BACKGROUND

YLWD currently has two pipelines that cross the BNSF right-of-way on the west end of the service area, one at Richfield Road and one at Lakeview Avenue. In this portion of the service area, the primary source of water is Lakeview Avenue. The Richfield Road pipeline is primarily used as a transmission pipeline to Highland Reservoir during emergencies only. YLWD constructed a water treatment plant at its headquarters and the new pipeline configuration eliminates the distribution option of the Richfield Road waterline. This Project includes construction of a third crossing to loop the system at Placentia Veterans Village apartments and Highland Avenue. In addition, YLWD intends to replace an existing water main crossing at the Orange County Flood Control District (OCFCD) Atwood Channel to the south of Veterans Way to provide additional water system redundancy in this area.

1.3 PROJECT DESCRIPTION

YLWD constructed a new, large water treatment plant known as Plant 1 or PFAS (Per- and Polyfluoroalkyl Substances) Water Treatment Plant at its headquarters, which is currently in service. Due to the high volume of water feeding into and exiting the plant, YLWD can no longer use its existing pipeline in Richfield Road to transport water both to and from the area of the plant. Therefore, YLWD proposes to construct a new water pipeline (new waterline) to transmit water to loop the water system and provide water system redundancy. The proposed pipeline would deliver water to the consumers south of Orangethorpe Avenue, leaving the Richfield Road pipeline to transport water to Highland Reservoir only in the other direction. A new 12-inch pipeline would be constructed to connect from the terminus of Nancita Circle in the south to a point in

D:\Projects\2YOR\030203\WXD\Udlex_Project_Location_20220408.mxd



Aerial Source: USGS, USDA NAIP 2020

Project Location

Exhibit 1

BNSF Waterline Crossing at Veterans Village and Highland Avenue Project

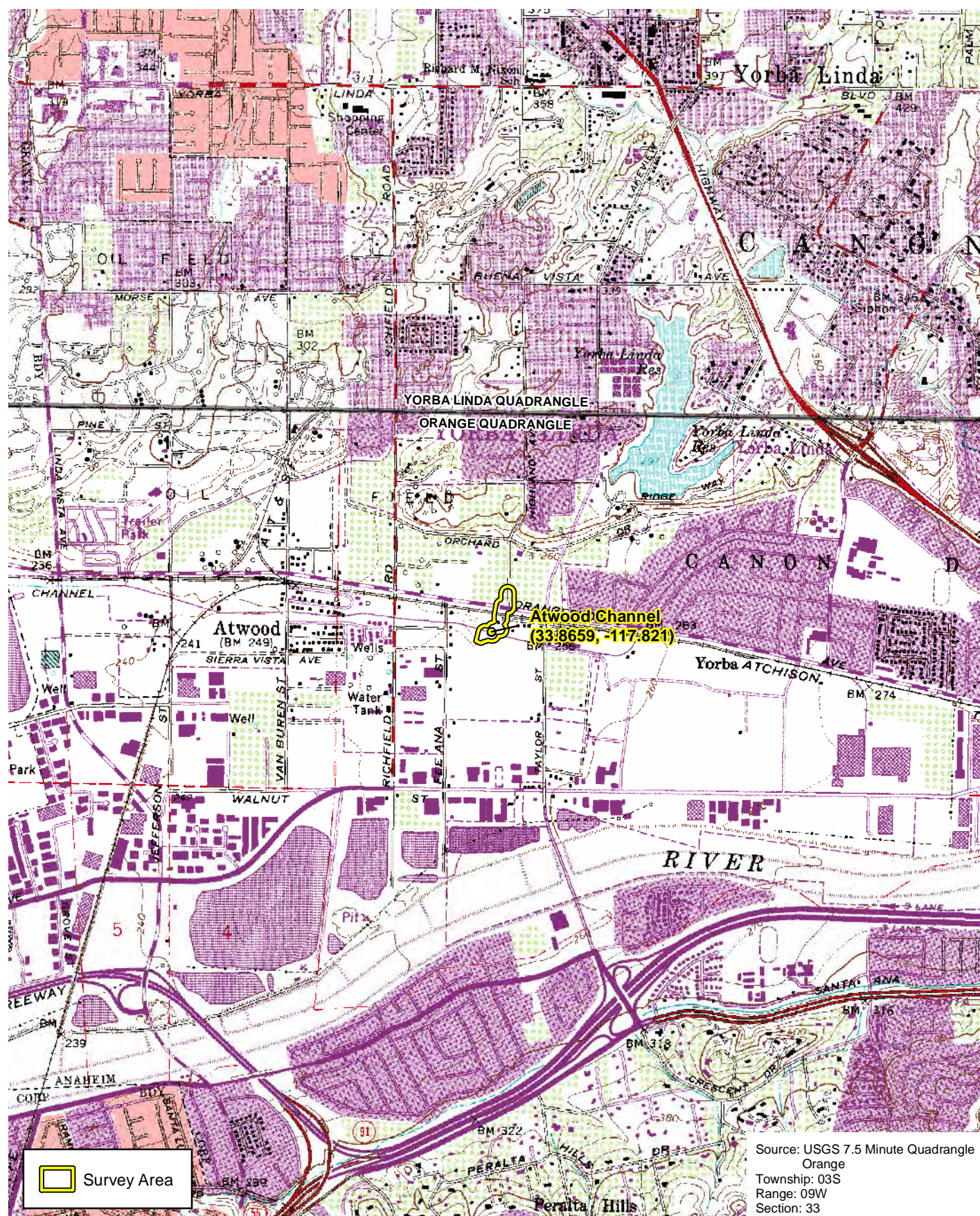


400 200 0 400
Feet

PSOMAS

(Rev: 08/03/2022JVR) R:\Projects\2YOR\2YOR030203\Graphics\Udlex_Project_Location.pdf

D:\Projects\2YOR\2YOR030203\WDex_USGS_20220408.mxd



USGS 7.5-Minute Digital Quadrangle

BNSF Waterline Crossing at Veterans Village and Highland Avenue Project

Exhibit 2



2,000 1,000 0 2,000
Feet

PSOMAS

(Rev: 8-03-2022 JVR) R:\Projects\2YOR\2YOR030203\Graphics\JDex_USGS.pdf

Highland Avenue to the north. As discussed above, the new pipeline would be constructed in two segments that would connect via an existing 10-inch pipeline.

The southern pipeline segment would be constructed from a connection point with an existing 10-inch pipeline that currently terminates in Nancita Circle as shown on Exhibit 3a, Southern Pipeline Segment. The pipeline would extend northeasterly from Nancita Circle into the parking lot at 1919 Nancita Circle, where it would then jog southeasterly for approximately 94 feet parallel to Atwood Channel. From this point, the pipeline would then extend northeasterly across Atwood Channel to Veterans Way, where it would turn south easterly and connect to an existing 10-inch pipeline. The 10-inch existing pipeline continues north from Veterans Way to the current terminus just south of the BNSF right-of-way line through Placentia Veterans Village apartments. Construction of the southern segment of the pipeline would consist primarily of open trench construction within roadway right-of-way. The proposed pipeline crossing of Atwood Channel would be constructed to extend above and outside of the channel, utilizing existing water main pipe supports.

The northern pipeline segment would be constructed from a connection point with the 10-inch pipeline as shown on Exhibit 3b, Northern Pipeline Segment. The new pipeline would be constructed in a northerly direction across BNSF right-of-way to Orangethorpe Avenue. From here, the pipeline would jog southeasterly along Orangethorpe Avenue for approximately 63 feet before turning northward into Highland Avenue. The pipeline would extend northerly along Highland Avenue and connect to an existing 10-inch pipeline located in Highland Avenue near 2007 East Orangethorpe Avenue. Construction of the northern segment of the pipeline would consist primarily of open trench construction, except for the proposed crossing of the BNSF rail line which would be constructed using a jack-and-bore method and access pits on either side of the rail line right-of-way. The southern, or launching bore pit would be 24-feet by 10-feet and would be located within an existing YLWD easement. Because the driveway functions as the only vehicle access point for the apartment complex, YLWD would require that the contractor constructing the bore pit maintain access for residents at all times YLWD would restore all existing hardscape and landscape improvements. The northern, or receiving, bore pit would be 12-feet by 10-feet in size and be constructed within the public right-of-way on the north side of the BNSF railroad.

Work within Nancita Circle, Orangethorpe Avenue, and Highland Avenue would be entirely within public right-of-way. Neither the Atwood Channel area nor the BNSF rail line are within the public right-of-way, however impacts would be limited to above Atwood Channel, or beneath the ground surface at the BNSF crossing. All construction activity would be coordinated with the Orange County Flood Control District (OCFCD) and BNSF, respectively. The total length of all new pipeline would be less than 1,000 feet.

The launching bore pit involves more noise and activities because it is where equipment would be staged. YLWD would place the launching bore pit at Placentia Veterans Village apartments.

1.4 REGULATORY AUTHORITY

Jurisdictional resources considered for this report include wetland and non-wetland waters of the United States (WOTUS) regulated by the USACE; waters of the State regulated by the RWQCB; and waters, including the bed, bank, and channel of all lakes, rivers, and/or streams (and associated wetland and riparian vegetation), as regulated by the CDFW. A detailed explanation of each agency's regulatory authority is provided in Attachment A.

1.4.1 U.S. Army Corps of Engineers

The USACE Regulatory Branch regulates activities that discharge dredged or fill materials into WOTUS under Section 404 of the Federal Clean Water Act (CWA) and Section 10 of the Rivers

and Harbors Act. Its authority applies to all WOTUS where the material (1) replaces any portion of a WOTUS with dry land or (2) changes the bottom elevation of any portion of any WOTUS. Activities that result in fill or dredge of WOTUS require a permit from the USACE.

Recently, the definition of WOTUS has been the subject of shifting regulations. In June of 2020, the United States Environmental Protection Agency (USEPA) and the USACE published the Navigable Waters Protection Rule (NWPR) in the *Federal Register* which defined WOTUS as:

1. Territorial seas and Traditional Navigable Waters (TNWs);
2. Tributaries of jurisdictional waters;
3. Lakes, ponds, and impoundments that contribute surface water flow to a jurisdictional water in a typical year; and
4. Wetlands adjacent to non-wetland jurisdictional waters.

The NWPR also identified twelve categories of waters that are considered non-jurisdictional by rule. These include:

1. All waters not covered by the four categories of WOTUS discussed above;
2. Groundwater;
3. Ephemeral features;
4. Storm water runoff and overland sheet flow;
5. All ditches not considered tributaries;
6. Prior converted cropland;
7. Artificially irrigated areas;
8. Certain artificial lakes and ponds;
9. Water-filled depressions or pits excavated in connection with mining or construction or to obtain fill, sand, or gravel;
10. Certain storm water control features;
11. Groundwater recharge, water reuse, and wastewater recycling structures; and
12. Wastewater treatment systems.

On August 30, 2021, the U.S. District Court for the District of Arizona vacated the NWPR, which led regulatory agencies to define WOTUS according to the pre-2015 regulatory regime. Subsequently, on April 6, 2022, the U.S. Supreme Court halted the District Court decision which effectively reinstates the NWPR's definition of WOTUS described above. The USACE will utilize the NWPR definition of WOTUS until the USEPA issues a new final rule which is expected to be released in the spring of 2023.

Attachment A provides additional information on the current status of this regulatory definition.

1.4.2 Regional Water Quality Control Board

The State Water Resources Control Board (SWRCB), in conjunction with the nine RWQCBs, is the primary agency responsible for protecting water quality in California through the regulation of discharges to surface waters under the CWA and the California Porter-Cologne Water Quality Control Act (Porter-Cologne Act). The SWRCB's and RWQCBs' jurisdictions extend to all "waters of the State" and to all WOTUS, including wetlands (isolated and non-isolated).

The Porter-Cologne Act broadly defines "waters of the State" as any surface water or groundwater, including saline waters, within the boundaries of the State." On August 28, 2019, the Office of Administrative Law approved the State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to "waters of the State", which went into effect on May 28, 2020. Under these new regulations, the SWRCB and its nine RWQCBs will assert jurisdiction

over all existing WOTUS, and all waters that have been considered WOTUS under any historical definition.

Impacts to WOTUS are authorized by the RWQCBs through a Water Quality Certification per Section 401 of the CWA. Impacts to “waters of the State” that are not considered WOTUS would be authorized by Waste Discharge Requirements issued by the RWQCB.

On April 6, 2022, the U.S. Supreme Court issued a stay of the October 2021 order by the U.S. District Court for the Northern District of California that vacated EPA’s 2020 Clean Water Act Section 401 Certification Rule. The stay of the vacatur applies nationwide. Therefore, the CWA section 401 certification process is once again governed by the CWA section 401 certification regulations promulgated by EPA in 2020, codified at 40 CFR 121. This 2020 rule requires all project proponents to request a pre-filing meeting with the RWQCB at least 30 days prior to filing a 401 “Certification Request”. The filing procedure has been simplified to require the filing of a “Certification Request”, rather than the acceptance of a “complete application”.

There is a mandatory 30 day wait period between a pre-filing meeting request and the filing of a Certification Request. A Certification Request must be filed with the RWQCB and the USACE concurrently. USACE reviews the Certification Request for the nine required components. The USACE has 15 days to review the Certification Request. The USACE then notifies the RWQCB that request is complete. And concurrently notifies the RWQCB of the reasonable time period to act on the Certification Request. The reasonable time period is not to exceed 1 year. Within 15 days of receipt of the Certification Request the RWQCB must provide the applicant with the following: 1) date of receipt; 2) applicable reasonable period of time to act on the Certification Request; and 3) date upon which waiver will occur if the certifying authority fails or refuses to act on the Certification Request.

Once the RWQCB issues the 401 Certification, the USACE has 5 days to notify the USEPA that the 401 Certification has been issued. The USEPA then has 30 days to notify neighboring jurisdictions of the 401 Certification. Neighboring jurisdictions have 60 days to respond. If there are no objections to the 401 Certification, then the USACE issues the 404 permit.

1.4.3 California Department of Fish and Wildlife

The CDFW regulates activities that may affect rivers, streams, and lakes pursuant to the *California Fish and Game Code* (§§1600–1616). According to Section 1602 of the *California Fish and Game Code*, the CDFW has jurisdictional authority and would require a Lake or Streambed Alteration Agreement (LSAA) for any work that will (1) substantially divert or obstruct the natural flow of any river, stream, or lake; (2) substantially change or use any material from the bed, channel, or bank of any river, stream, or lake; or (3) deposit or dispose of debris, waste, or other material containing crumbled, flaked, or ground pavement where it may pass into any river, stream, or lake.

2.0 **METHODS**

2.1 **LITERATURE REVIEW**

Prior to conducting the delineation and during the course of report preparation, Psomas reviewed the following documents to identify areas that may fall under each agency's jurisdiction: the USGS' Orange 7.5-minute quadrangle map; color aerial photography provided by USGS' National Agriculture Imagery Program (NAIP) (dated 2020); historic aerial imagery provided by Nationwide Environmental Title Research, LCC Online (NETR 2022) and Google Earth; soil data provided by the U.S. Department of Agriculture's Natural Resources Conservation Service (Exhibit 3); the National Hydric Soils List (USDA NRCS 2022); the National Wetlands Inventory's Wetland Mapper (Exhibit 4); and the Water Quality Control Plan for the Santa Ana River Basin (Santa Ana RWQCB 1995).

USGS Topographic Quadrangle. USGS quadrangle maps show geological formations and their characteristics and describe the physical settings of an area through topographic contour lines and other major surface features. These features include lakes, streams, rivers, buildings, roadways, landmarks, and other features that may fall under the jurisdiction of one or more regulatory agencies. In addition, the USGS maps provide topographic information that is useful in determining elevations; connectivity of streams, rivers, and other water features; latitude and longitude; and Universal Transverse Mercator Grid coordinates for the survey area.

Color Aerial Photography. Color aerial photographs were reviewed prior to conducting the field delineation to identify the extent of any drainages and riparian vegetation occurring in the survey area. Remote sensing was not used in the delineation.

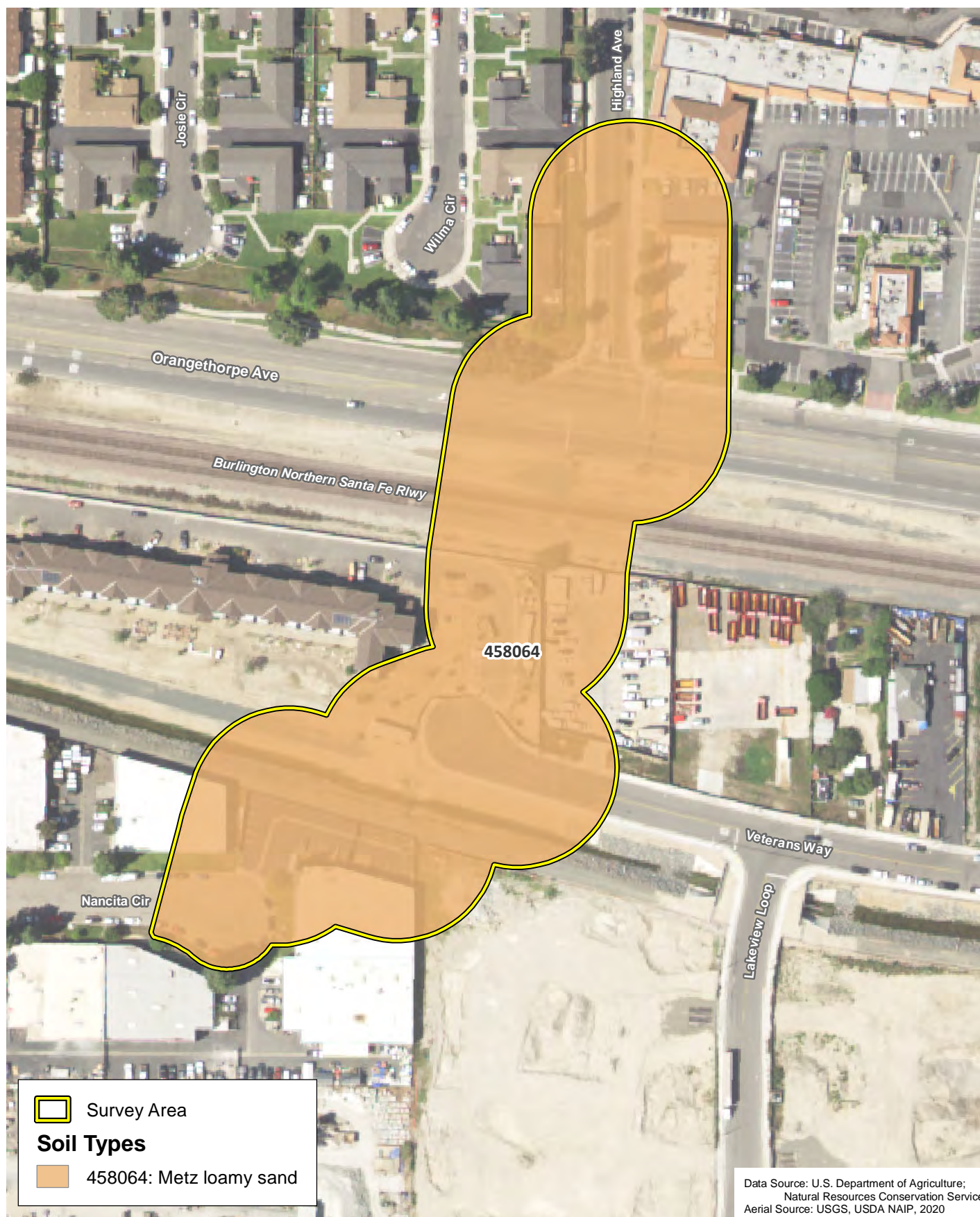
Historic Aerial Photography. Historic aerial imagery was reviewed to identify changes in the landscape, including human modifications, and past conditions on the site.

U.S. Department of Agriculture, Natural Resources Conservation Service. Psomas reviewed U.S. Department of Agriculture (USDA) soil data for the survey area. The USDA soil data identifies soils that are considered hydric which may indicate that jurisdictional wetland conditions are present.

U.S. Fish and Wildlife Service, National Wetlands Inventory: The Wetlands Mapper shows wetland resources available from the Wetlands Spatial Data Layer of the National Spatial Data Infrastructure (USFWS 2022). This resource provides the classification of known wetlands following the *Classification of Wetlands and Deepwater Habitats of the United States* (FGDC 2013). This classification system is arranged in a hierarchy of (1) Systems that share the influence of similar hydrologic, geomorphologic, chemical, or biological factors (i.e., Marine, Estuarine, Riverine, Lacustrine, and Palustrine); (2) Subsystems (i.e., Subtidal and Intertidal; Tidal, Lower Perennial, Upper Perennial, and Intermittent; or Littoral and Limnetic); (3) Classes, which are based on substrate material and flooding regime or on vegetative life forms; (4) Subclasses, which recognize finer differences in life forms or substrate material than the Class; and (5) Dominance Types, which are named for the dominant plant or wildlife forms. In addition, modifying terms are applied to Classes or Subclasses.

The mapped water resources were used to provide additional guidance on identifying potentially jurisdictional waters during the field survey. Given that wetland features mapped by the National Wetlands Inventory (NWI) may or may not exist at a site because of changing conditions and development, this resource provides only preliminary data and historic data based on aerial photographic interpretation and, therefore, must be ground-truthed.

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Soil Types

BNSF Waterline Crossing at Veterans Village and Highland Avenue Project



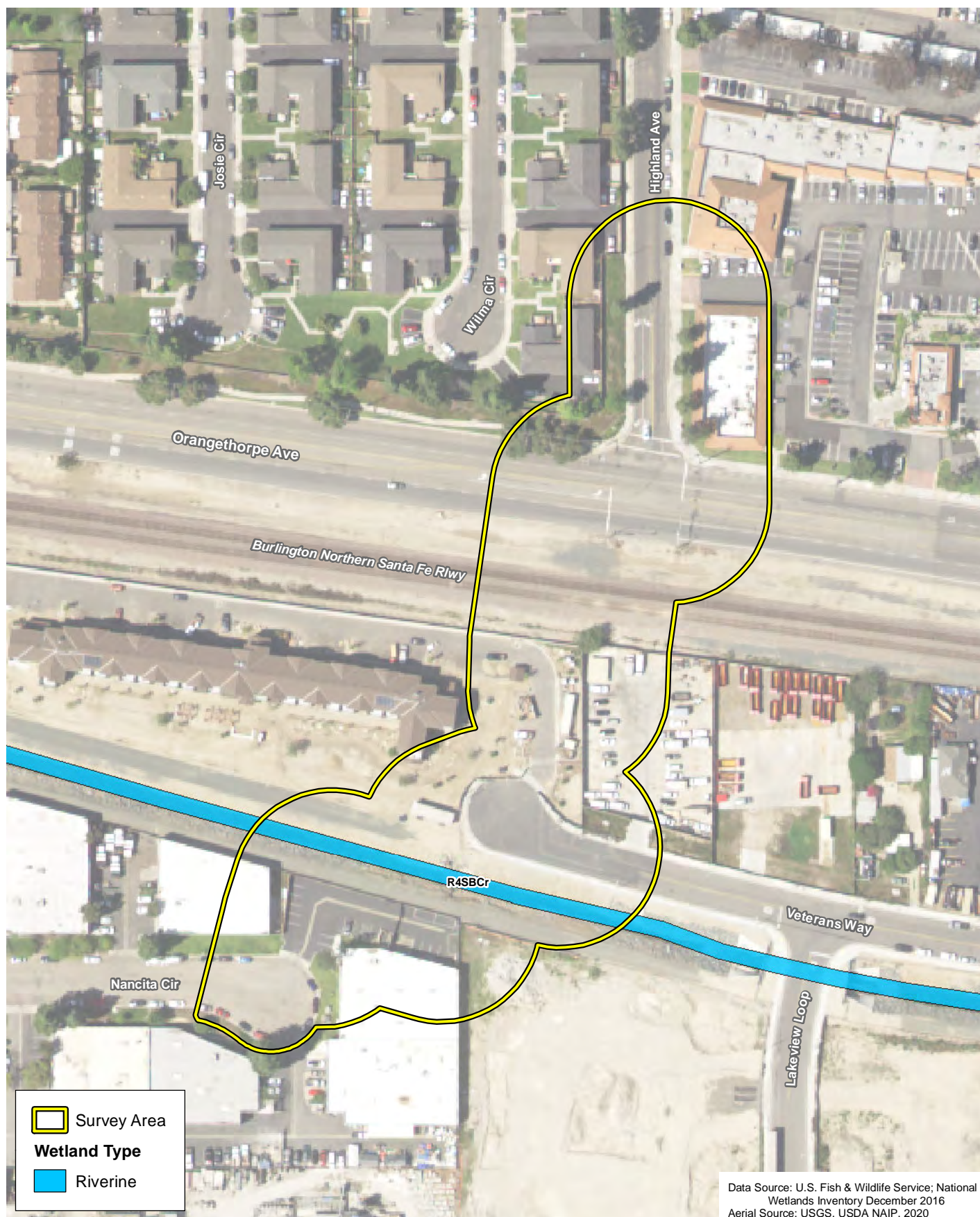
130 65 0 130
Feet

Exhibit 3



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National Wetlands Inventory

BNSF Waterline Crossing at Veterans Village and Highland Avenue Project

Exhibit 4



130 65 0 130
Feet

PSOMAS

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Regional Water Quality Control Plans. California has nine RWQCBs. The survey area is located in RWQCB Region 8, the Santa Ana Region. The Santa Ana RWQCB has adopted a Water Quality Control Plan (or “Basin Plan”) for this region. The Basin Plan contains goals and policies, descriptions of conditions, and proposed solutions to surface and groundwater issues. The Basin Plan also establishes water quality standards for surface and groundwater resources and includes beneficial uses and levels of water quality that must be met and maintained to protect these uses. These water quality standards are implemented through various regulatory permits pursuant to the CWA, specifically Section 401 for Water Quality Certifications and Section 402 for Report of Waste Discharge (ROWD) permits.

2.2 JURISDICTIONAL DELINEATION

The jurisdictional delineation was conducted on April 7, 2022, by Psomas Regulatory Specialist Allison Rudalevige. Areas that are potentially under the jurisdiction of the USACE, RWQCB, and/or CDFW were delineated using a 1 inch equals 130 feet (1" = 130') scale aerial photograph loaded onto Avenza Maps application on an Apple iPad (accuracy ≤ 15 feet). Due to the steep streambanks along Atwood Channel, it was not possible to excavate a soil test pit to determine if hydric soil indicators were present. Vegetated portions of Atwood Channel were assessed to determine if such areas would be considered wetlands based on the presence of wetland hydrology and hydrophytic vegetation. Representative photographs of the survey area are included in Attachment B.

2.2.1 USACE Waters of the United States

Psomas assessed if WOTUS are present in the survey area by determining if the on-site resources have a connection to a Traditional Navigable Waterway (TNW). The extent of non-wetland WOTUS were delineated based on the limits of the OHWM, which can be determined by a number of factors, including (1) the presence of a clear, natural line impressed on the bank; (2) shelving along the bank; (3) changes in the character of the soil; (4) destruction of terrestrial vegetation; and (5) the presence of litter and debris. The OHWM limits (i.e., active floodplain) occurring in the survey area were further verified using methods contained in *A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual* (Lichvar and McColley 2008) and the *Updated Datasheet for the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States* (Curtis and Lichvar 2010).

The extent of jurisdictional wetland resources was evaluated based on the USACE's three-parameter approach to identify wetlands. In September 2008, the USACE issued the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region* (USACE 2008). This regional supplement is designed for use with the *Corps of Engineers Wetlands Delineation Manual* (Environmental Laboratory 1987). Both the 1987 Wetlands Manual and the Arid West Supplement to the manual provide technical methods and guidelines for determining the presence of wetland WOTUS. The three parameters needed to assign a site as a wetland include evidence of wetland hydrology, hydrophytic vegetation, and hydric soils. However, problem areas may periodically or permanently lack certain indicators due to seasonal or annual variability or the nature of the soils or plant species on site. Atypical wetlands lack certain indicators due to recent human activities or natural events. Guidance for determining the presence of wetlands in these situations is presented in the regional supplement.

2.2.2 RWQCB Waters of the State

Psomas determined the limits of RWQCB jurisdiction in the field following the methods described above for USACE jurisdiction. The RWQCB shares USACE jurisdiction unless isolated conditions are present (i.e., lack of connectivity to a TNW or hydrological regime that does not meet the definition of WOTUS). If isolated waters are present, the RWQCB takes jurisdiction using the USACE's definition of the OHWM and/or the three-parameter wetlands method pursuant to the 1987 Wetlands Manual (Environmental Laboratory 1987); however, unvegetated areas may also be considered wetlands.

2.2.3 CDFW Waters

CDFW's jurisdiction was determined measuring the distance between the top of the streambank on either side of the on-site water features on site. If riparian vegetation is associated with the subject streambed, the CDFW's jurisdictional limits would extend to the outer limit of the riparian vegetation canopy.

3.0 **RESULTS**

Atwood Channel is the only potentially jurisdictional feature that was encountered in the survey area. Atwood Channel flows into Carbon Canyon Diversion Channel, which flows into the Santa Ana River. The Santa Ana River discharges into the Pacific Ocean, a TNW, in the city of Huntington Beach.

The results of the literature review are provided in Section 3.1 and a detailed analysis of each regulatory agency's jurisdiction is provided in Section 3.2. Attachment C provides datasheets that summarize the overall condition of the individual wetlands, drainages, and indicators of OHWM.

3.1 **LITERATURE REVIEW**

USGS Topographic Quadrangle. Atwood Channel is depicted on the USGS' Orange quadrangle in the survey area (Exhibit 2). Topography in the survey area is relatively flat. The elevation is approximately 260 feet above mean sea level.

Color Aerial Photography. Atwood Channel is clearly shown on aerial imagery. It appears to be partly lined and partly unlined. There is minimal vegetation and no riparian canopy overhanging the channel.

Historic Aerial Photography. Aerial imagery from 1966 shows creation of Atwood Channel. Prior to that year, the area appeared to be used for agriculture with a drainage nearby. Surface water appears to be present over multiple years and season based on Google Earth aerial imagery, including April and December 2003; March and April 2004; August and December 2005; January 2006; October 2007; November 2009; September 2010; March 2011; April 2013; April 2014; March 2015; February and October 2016; March and December 2017; March, April, and June 2018; May 2019; March and October 2020; and February and August 2021.

U.S. Department of Agriculture, Natural Resources Conservation Service. The survey area occurs in the following soil survey area: Orange County and Part of Riverside County, California (CA678). Within this soil survey area, the U.S. Department of Agriculture, Natural Resources Conservation Service (USDA NRCS) has delineated the boundaries of "soil map units", which often contain components of multiple soil types that may be classified as hydric or non-hydric. The National Hydric Soils List (USDA NRCS 2022) identifies a soil map unit as "hydric" if it contains either a major or minor component that is at least in part hydric.

Soil mapped in the survey area is Metz loamy sand (Exhibit 3). This soil is listed as hydric on the National List for the soil survey area in which it occurs (USDA NRCS 2022). A description of the soils mapped in the survey area is provided in Attachment D of this report.

U.S. Fish and Wildlife Service, National Wetlands Inventory. Atwood Channel is mapped as wetlands by the NWI (Exhibit 4). It is classified as a Riverine, intermittent streambed that is seasonally flooded and has an artificial substrate (R4SBCr). The description for NWI mapped wetland resources is provided in Attachment D of this report.

Regional Water Quality Control Plans. Atwood Channel is not named in the Santa Ana River Basin Plan; however, it is located in the Los Angeles-San Gabriel River Hydrologic Unit, Yorba Linda Hydrologic Subarea (HSA) Split (845.63) (Santa Ana RWQCB 1995). The Basin Plan does not provide water quality objectives for Atwood Channel. Numeric objectives have not been established for other surface waters in HSA 845.63 (i.e., Aliso Creek and Carbon Canyon Creek); see the Basin Plan for narrative objectives.

Beneficial uses are defined in the Porter-Cologne Act as those uses of water that are necessary for tangible and intangible economic, social, and environmental benefits. Beneficial uses are not provided for Atwood Channel. The beneficial uses listed for other surface waters in HSA 845.63 include Municipal (MUN) waters; Groundwater Recharge (GWR) waters; Water Contact Recreation (REC-1) waters; Non-contact Water Recreation (REC-2) waters; Warm Fresh Water Habitat (WARM) waters; Wildlife Habitat (WILD) waters; and Rare, Threatened or Endangered Species (RARE) waters. Given the artificial nature of Atwood Channel compared to the other creeks in the HSA, some of these uses may not be applicable. Descriptions of the beneficial uses applicable to waters in the survey area are provided in Attachment D of this report.

3.2 JURISDICTIONAL WATER RESOURCES

Atwood Channel is an artificially created drainage feature that crosses the survey area. Based on review of USGS topographic maps, it flows westward until it reaches Carbon Canyon Diversion Channel, which flows into the Santa Ana River and ultimately into the Pacific Ocean.

Atwood Channel has a trapezoidal cross-section with well-defined bed and banks. The channel bottom alternates between being unlined, concrete-lined, and lined with ungrouted riprap. Surface water was present at the time of the field survey, which was performed at the beginning of the dry season. Surface water is also observed over multiple seasons and years based on historic aerial imagery. Given the highly developed nature of the surrounding and upstream land uses (i.e., dense residential and commercial development), this water was likely the result of nuisance runoff from the surrounding development. Based on these observations, Atwood Channel likely experiences intermittent or perennial flow.

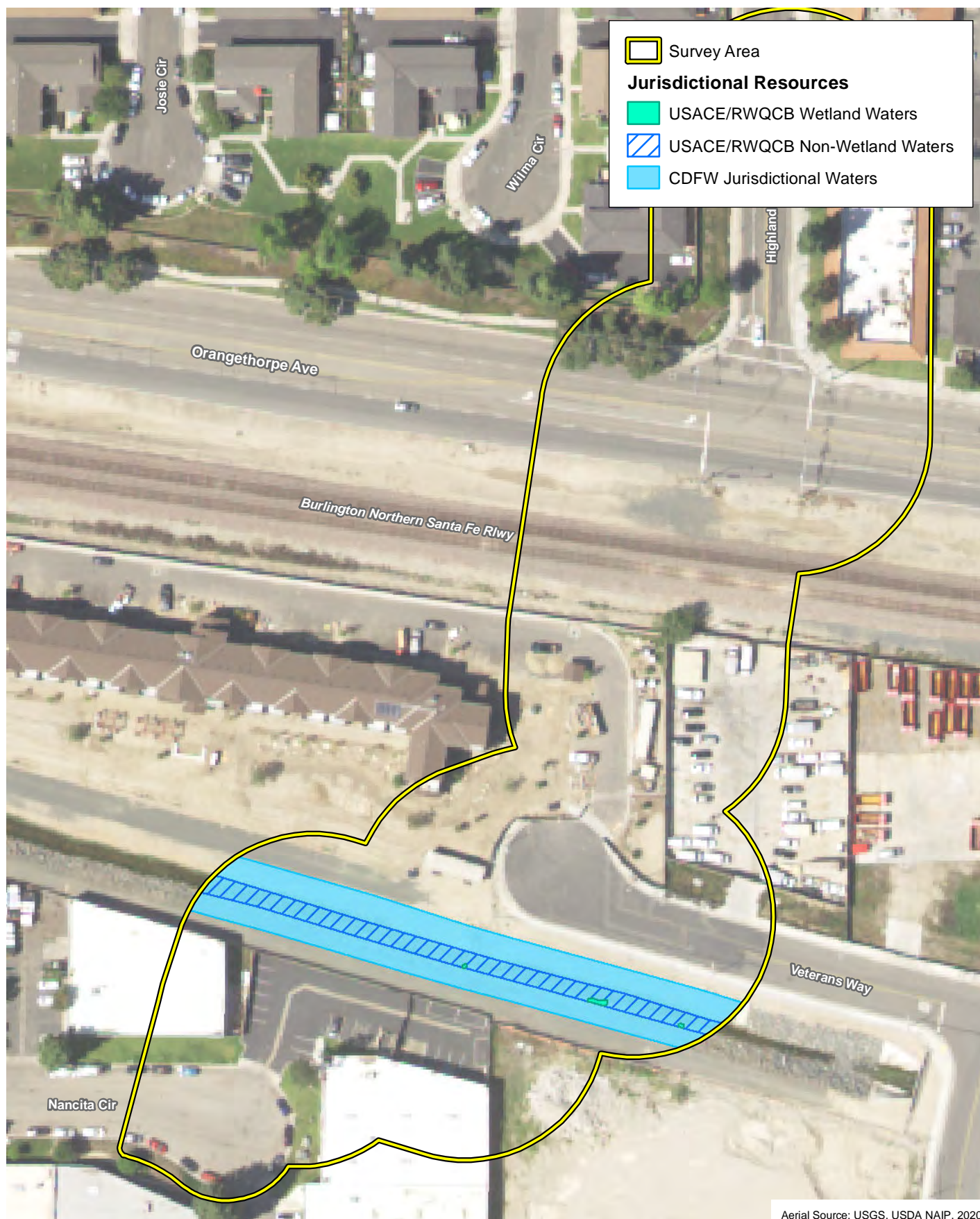
Vegetation was sparse and limited to herbaceous species present near the toe of slope. There were patches of cattail (*Typha* sp.; an obligate wetland species) in the channel bottom. Vegetation along the toe of the slope is dominated by facultative upland and upland species.

Evidence of an OHWM consists of change in vegetation cover (obligate wetland species present in the channel bottom with facultative upland and upland species near the toe of slope); a break in bank slope; and the presence of surface flow.

3.3 JURISDICTIONAL ANALYSIS

Table 1 summarizes the type and extent of the jurisdictional features in the survey area and Exhibit 5 shows the jurisdictional resources.

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Aerial Source: USGS, USDA NAIP, 2020

Jurisdictional Resources

Exhibit 5

BNSF Waterline Crossing at Veterans Village and Highland Avenue Project



95 47.5 0 95
Feet



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TABLE 1
SUMMARY OF JURISDICTIONAL RESOURCES IN THE SURVEY AREA

Drainage	Cowardin Type	Dominant Vegetation	Location Latitude/Longitude	OHWM Width (ft)	Length (linear ft)	Amount in Survey Area (acres)				
						USACE WOTUS		RWQCB Waters of the State		CDFW Waters
						Wetlands	Non-wetlands	Wetlands	Non-wetlands	
Atwood Channel	R4SBCr ^a	wetland and upland herbs; unvegetated flood control channel	33.8659, -117.821	16	400	0.001	0.105	0.001	0.105	0.387
Total						0.001	0.105	0.001	0.105	0.387
ft: feet; USACE: U.S. Army Corps of Engineers; WOTUS: waters of the U.S.; RWQCB: Regional Water Quality Control Board; CDFW: California Department of Fish and Wildlife.										
^a This Cowardin type was obtained from the National Wetlands Inventory (USFWS 2022).										

3.3.1 Waters of the United States Determination

Based on review of USGS topographic maps, Atwood Channel ultimately discharges into the Pacific Ocean. Based on the presence of surface water during the site visit and on review of historic aerial imagery, the drainage appears to carry relatively permanent or perennial flow. Relatively permanent waters that are tributaries to a TNW are considered WOTUS. Therefore, Atwood Channel would be considered WOTUS.

Approximately 0.106 acre of WOTUS under the regulatory authority of the USACE occurs in the survey area (Table 1; Exhibit 5).

Please note: Based on the April 6, 2022, U.S. Supreme Court decision, the USACE's NWPR definition of WOTUS is currently in effect. However, the USEPA is likely to put forth a revised definition of WOTUS in 2023.

USACE Wetlands Determination

Atwood Channel is sparsely vegetated, which presents a problematic vegetation situation. Only areas containing cattail, an obligate wetland species, were considered to have hydrophytic vegetation. Multiple indicators of wetland hydrology were observed, including surface water, inundation visible on aerial imagery, and drift deposits. Due to the steep nature of the channel banks, a soil test pit was not able to be excavated and the presence/absence of hydric soils could not be confirmed. The Arid West supplement provides a procedure for determining the presence of hydric soils in problematic situations. The landscape setting is appropriate for wetlands (i.e., the area is level or nearly level at the toe of a slope). Based on direct hydrologic observations of surface water and presence of surface water over multiple years of historic aerial imagery, it can be reasonably inferred that the soil is flooded for extended periods of time during the growing season. Therefore, the soil would be considered hydric.

Of the 0.106 acre of WOTUS mapped in the survey area, 0.001 acre would be considered wetland WOTUS (Table 1; Exhibit 5).

3.3.2 Regional Water Quality Control Board Jurisdiction

As a WOTUS, Atwood Channel is also subject to the jurisdiction of the RWQCB. Therefore, approximately 0.106 acre of waters of the State under the regulatory authority of the RWQCB occurs in the survey area (Table 1; Exhibit 5). Of this 0.106 acre, 0.001 acre would be considered wetland waters of the State.

3.3.3 California Department of Fish and Wildlife Jurisdiction

Atwood Channel exhibits a distinct bead and bank without a riparian canopy. The CDFW's regulatory authority extends to the top of the channel's banks. Therefore, approximately 0.387 acre of waters under the CDFW's jurisdiction occurs in the survey area (Table 1; Exhibit 5).

4.0 **CONCLUSIONS**

Approximately 0.106 acre of USACE WOTUS (0.001 acre of wetland WOTUS and 0.105 acre of non-wetland WOTUS), 0.106 acre of waters of the State (0.001 acre of wetland waters of the State and 0.105 acre of non-wetland waters of the State), and 0.387 acre of CDFW jurisdictional waters occur in the survey area.

Based on the current Project design, the new 12-inch waterline will span Atwood Channel without disturbing the bed or banks of the channel. Because no impacts are anticipated to areas under the jurisdiction of the USACE, the RWQCB, or the CDFW, no regulatory agency permits would be required.

If Project design changes require modifications to Atwood Channel, then the following permits, agreements, and/or certifications may be required prior to initiation of Project activities that involve impacts to jurisdictional waters:

- USACE Section 404 Permit
- RWQCB Section 401 Water Quality Certification
- CDFW Section 1602 Lake or Streambed Alteration Agreement

5.0 DISCLAIMER STATEMENT

This report represents Psomas' summary of the jurisdictional resources delineated in the survey area. The descriptions and maps provided are Psomas' jurisdictional recommendation based on the field evidence, regulations, and environmental information available. Only the regulatory agencies can make the final determination on whether the features present are subject to USACE, RWQCB, and/or CDFW regulatory authority.

6.0 REFERENCES

- Curtis, K.E. and R.W. Lichvar. 2010 (July). *Updated Datasheet for the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States*. Hanover, NH: USACE, Engineer Research and Development Center, Cold Regions Research and Engineering Laboratory.
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ATTACHMENT A
SUMMARY OF REGULATORY AUTHORITY

REGULATORY AUTHORITY

This attachment summarizes the regulatory authority of the U.S. Army Corps of Engineers (USACE), the Regional Water Quality Control Board (RWQCB), and the California Department of Fish and Wildlife (CDFW) over activities that have potential to impact jurisdictional resources.

U.S. Army Corps of Engineers

The USACE Regulatory Branch regulates activities that discharge dredged or fill materials into waters of the United States (WOTUS) under Section 404 of the Federal Clean Water Act (CWA) and Section 10 of the Rivers and Harbors Act. This permitting authority applies to all WOTUS where the material (1) replaces any portion of WOTUS with dry land or (2) changes the bottom elevation of any portion of any WOTUS. These fill materials would include sand, rock, clay, construction debris, wood chips, and materials used to create any structure or infrastructure in these waters.

Waters of the United States

WOTUS can be divided into three categories: territorial seas, tidal waters, or non-tidal waters. The term WOTUS is defined by the *Code of Federal Regulations*¹ (CFR).

The U.S. Supreme Court issued three decisions that provide context and guidance in determining the appropriate scope of WOTUS. In *United States v. Riverside Bayview Homes*,² the Court upheld the inclusion of adjacent wetlands in the regulatory definition of WOTUS. In *Solid Waste Agency of Northern Cook County v. U.S. Army Corps of Engineers* (SWANCC),³ the Court held that the use of “isolated” non-navigable intrastate ponds by migratory birds was not, by itself, sufficient basis for the exercise of federal regulatory authority under the CWA. In *Rapanos v. United States* (Rapanos),⁴ a majority of the U.S. Supreme Court overturned two Sixth Circuit Court of Appeals decisions, finding that certain wetlands constituted WOTUS under the CWA. In his plurality opinion, Justice Scalia argued that WOTUS should not include channels through which water flows intermittently or ephemerally or channels that periodically provide drainage for rainfall. He also stated that a wetland may not be considered “adjacent to” remote WOTUS based on a mere hydrologic connection. Justice Kennedy authored a separate concurring opinion concluding that wetlands are WOTUS if they, either alone or in combination with similarly situated lands in the region, significantly affect the chemical, physical, and biological integrity of other covered waters more readily understood as “navigable”. Lacking a majority opinion, regulatory jurisdiction under the CWA exists over a water body if either the plurality’s or Justice Kennedy’s “significant nexus” standard is satisfied.

In 2015, the USACE and the U.S. Environmental Protection Agency (USEPA) published a final rule (2015 Rule) clarifying the scope of WOTUS protected under the CWA. One of the major changes was to make all tributaries and adjacent waters jurisdictional, by rule.

In December 2018, the USEPA and the Department of the Army (DOA) proposed a new definition of WOTUS that clarifies federal authority under the federal CWA consistent with the February 2017 Presidential Executive Order entitled “Restoring the Rule of Law, Federalism, and Economic Growth by Reviewing the ‘Waters of the United States’ Rule”. On September 12, 2019, the USEPA and DOA signed a final “Step One Rule” to repeal the 2015 Rule and re-codify the regulatory text

¹ Specifically, Title 33, Navigation and Navigable Waters; Part 328, Definition of waters of the United States; §328.3, Definitions.

² *United States v. Riverside Bayview Homes, Inc.*, 474 U.S. 121 (1985)

³ *Solid Waste Agency of Northern Cook Cty. v. Army Corps of Engineers*, 531 U.S. 159 (2001)

⁴ Consolidated cases: *Rapanos v. United States* and *Carabell v. United States* (126 S. Ct. 2208 2006) refer to the U.S. Supreme Court’s decision concerning USACE jurisdiction over waters of the United States under the CWA.

defining WOTUS that existed prior to the 2015 Rule. The new regulations went into effect on December 23, 2019.⁵ With this new final rule, the regulations defining the scope of federal CWA jurisdiction are those portions of the CFR as they existed before the amendments promulgated in the 2015 rule.

The Step One Rule was replaced by the Navigable Waters Protection Rule (Step Two Rule) (NWPR). On January 23, 2020, the USEPA and DOA finalized the Step Two Rule defining WOTUS. This rule was published in the *Federal Register* on April 21, 2020, and went into effect 60 days following publication (i.e., on June 22, 2020). The Step Two Rule changed the definition of WOTUS. Under this new definition, WOTUS encompasses (1) territorial seas and Traditional Navigational Waters (TNWs); (2) perennial and intermittent tributaries that contribute surface water flow to such waters; (3) certain lakes, ponds, and impoundments of jurisdictional waters; and (4) wetlands adjacent to other jurisdictional waters.

Under the rule, a wetland is considered “adjacent” if it:

1. Abuts (i.e., touches a side or corner of) another non-wetland jurisdictional water;
2. Is inundated by flooding from another non-wetland jurisdictional water at least once in a typical year;
3. Is physically separated from a non-wetland jurisdictional water by a natural berm, bank, dune, or similar natural feature without regard to whether there is a specific hydrological surface connection in a typical year; or
4. Is physically separated from a non-wetland jurisdictional water by an artificial structure like a road, dike, or barrier as long as the structure allows for a direct hydrologic surface connection between the wetland and the other jurisdictional water at least once in a typical year. This connection can be through a gate or culvert or even by water overtopping a road.

The NWPR also identifies waters specifically excluded from consideration as WOTUS. The twelve categories of non-jurisdictional waters include:

1. All waters not covered by the four categories of WOTUS discussed above;
2. Groundwater;
3. Ephemeral features;
4. Storm water runoff and overland sheet flow;
5. All ditches not considered tributaries;
6. Prior converted cropland;
7. Artificially irrigated areas;
8. Certain artificial lakes and ponds;
9. Water-filled depressions or pits excavated in connection with mining or construction or to obtain fill, sand, or gravel;
10. Certain storm water control features;
11. Groundwater recharge, water reuse, and wastewater recycling structures; and
12. Wastewater treatment systems

⁵ 40 CFR 230.3(s).

Under this new definition, the following notable changes were implemented:

- Rivers and streams that contribute perennial or intermittent flow to downstream TNWs are jurisdictional but ephemeral features are not considered jurisdictional.
- The process of determining whether a “significant nexus” exists between a water and a downstream TNW as directed under the agencies’ 2008 *Rapanos* guidance or whether a water has a significant nexus to a TNW, interstate water, or territorial sea has been eliminated.
- No ditches constructed in upland and no ditches with ephemeral flow would be considered jurisdictional.
- Wetlands must either abut jurisdictional waters or have a direct hydrological surface connection to jurisdictional waters in a typical year to be jurisdictional themselves; wetlands physically separated from jurisdictional waters by a berm, dike, or other barrier are not adjacent if they lack a direct hydrologic surface connection to a jurisdictional water in a typical year.

On June 9, 2021, the USEPA and DOA announced their intent to revise the definition of WOTUS to better protect our nation’s vital water resources that support public health, environmental protection, agricultural activity, and economic growth. Until a new rule is in effect, WOTUS would be defined by the NWPR. However, On August 30, 2021, the U.S. District Court for the District of Arizona vacated and remanded the NWPR for reconsideration to the USEPA and the USACE.⁶ At that time, the agencies halted implementation of the NWPR and interpreted WOTUS consistent with the pre-2015 regulatory regime. Subsequently, on April 6, 2022, the U.S. Supreme Court halted the District Court decisions, effectively reinstating the NWPR’s definition of WOTUS described above. The USACE will utilize the NWPR definition of WOTUS until the USEPA issues a new final rule.

Ordinary High Water Mark

The landward limit of tidal WOTUS is the high-tide line. In non-tidal waters where adjacent wetlands are absent, the lateral limits of USACE jurisdiction extend to the ordinary high water mark (OHWM).⁷ The OHWM is defined as “that line on the shore established by the fluctuations of water and indicated by physical characteristics such as a clear, natural line impressed on the bank, shelving, changes in the character of the soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas”.⁸ When wetlands are present, the lateral limits of USACE jurisdiction extend beyond the OHWM to the limits of the adjacent wetlands.⁹

Wetlands

A wetland is a subset of jurisdictional waters and is defined by the USACE and the USEPA as “those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and under normal circumstances, do support a prevalence of vegetation typically adapted for life in saturated soil conditions”.¹⁰ Wetlands generally include swamps, marshes, bogs, and areas containing similar features.

⁶ *Pasqua Yaqui Tribe, et al. v. U.S. Environmental Protection Agency, et al.*

⁷ U.S. Army Corps of Engineers (USACE). 2005 (December 7). Regulatory Guidance Letter. Ordinary High Water Mark Identification. Washington, D.C.: USACE.

⁸ *Code of Federal Regulations* (CFR), Title 33, §328.3(e)

⁹ USACE 2005

¹⁰ 33 CFR §328.3(b)

The definition and methods for identifying wetland resources can be found in the USACE's *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region*,¹¹ a supplement to the 1987 *Corps of Engineers Wetlands Delineation Manual*.¹² Both the 1987 Wetlands Manual and the 2008 Arid West Supplement to the manual provide technical methods and guidelines for determining the presence of wetland WOTUS. Pursuant to these manuals, a three-parameter approach is used to identify wetlands and requires evidence of wetland hydrology, hydrophytic vegetation, and hydric soils. In order to be considered a wetland, an area must figure one or more indicators of all three of these parameters. However, problem areas may periodically or permanently lack certain indicators for reasons such as seasonal or annual variability of rainfall, vegetation, and other factors. Atypical wetlands lack certain indicators due to recent human activities or natural events. Guidance for determining the presence of wetlands in these situations is presented in the regional supplement.

Section 404 Permit

Except as specified in Section 323.4 of the CFR, impacts to WOTUS require a Section 404 Permit. Permit authorization may be in the form of (1) a “general permit” authorizing a category of activities in a specific geographical region or nationwide or (2) an “individual permit” (IP) following a review of an individual application form (to be obtained from the district office having jurisdiction over the waters in which the activity is proposed to be located).

Regulatory authorization in the form of a Nationwide Permit (NWP) is provided for certain categories of activities such as repair, rehabilitation, or replacement of a structure or fill which was previously authorized; utility line placement; or bank stabilization. The current set of NWPs became effective on March 19, 2017 and will expire in on March 18, 2022. On January 13, 2021, the USACE reissued 12 NWPs and published 4 new NWPs; these 16 NWPs went into effect on March 15, 2021 and will expire on March 14, 2026. The 40 existing NWPs that were not reissued or modified by the January 13, 2021, final rule remain in effect. NWPs authorize only those activities with minimal adverse effects on the aquatic environment and are valid only if the conditions applicable to the permits are met or waivers to these conditions are provided in writing from the USACE. Please note that waivers may require consultation with affected federal and State agencies, which can be a lengthy process with no mandated processing time frames. Certain activities do not require submission of an application form, but may require a separate notification. If the NWP conditions cannot be met, an IP will be required. WOTUS temporarily filled, flooded, excavated, or drained but restored to pre-construction contours and elevations after construction are not included in the measurement of loss of WOTUS. The appropriate permit authorization will be based on the amount of impacts to WOTUS, as determined by the USACE. There is no filing fee for the Section 404 Permit.

Approximately three or four months are typically required to process a routine permit application; large or complex activities may take longer to process. When a permit application is received, it will be assigned an identification number and reviewed for completeness by the District Engineer. If an application is incomplete, additional information will be requested within 15 days of receipt of the application. If an application is complete, the District Engineer will issue a public notice within 15 days unless specifically exempted by provisions of the CFR. Public comments will be accepted no more than 30 days but not less than 15 days from the date of public notice; these will become part of the administrative record of the application. Generally, the District Engineer will decide on the application no later than 60 days after receipt of the completed application.

¹¹ USACE. 2008a. *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0)*. (J.S. Wakeley, R.W. Lichvar, and C.V. Noble, Eds.). Vicksburg, MS: U.S. Army Engineer Research and Development Center.

¹² Environmental Laboratory. 1987. *Corps of Engineers Wetlands Delineation Manual (Technical Report Y-87-1)*. Vicksburg, MS: U.S. Army Engineer Waterways Experiment Station.

Additional permit situations may increase the permit processing time (e.g., projects involving a Section 401 Water Quality Certification, a coastal zone management consistency analysis, historic properties, a federal agency, and/or Endangered species). The Project Applicant will be given time, not to exceed 30 days, to respond to requests of the District Engineer.

On January 31, 2007, the USACE published a memorandum clarifying the Interim Guidance for Amendments to the National Historic Preservation Act and the Advisory Council on Historic Preservation (ACHP) implementing regulations.¹³ The Interim Guidance applies to all Department of the Army requests for authorization/verification, including Individual Permits (IPs, i.e., standard permits and letters of permission) and all Regional General Permits (RGPs) and Nationwide Permits (NWP). The State or Tribal Historic Preservation Officer (SHPO/THPO) has 30 days to respond to a determination that a proposed activity, which otherwise qualifies for an NWP or an RGP, has no effect or no adverse effect on a historic property. If the SHPO/THPO does not respond within 30 days of notification, the Los Angeles District may proceed with verification. If the SHPO/THPO disagrees with the District's determination, the District may work with the SHPO/THPO to resolve the disagreement or request an opinion from the ACHP. The USACE will submit the Draft Jurisdictional Delineation Report to the SHPO/THPO for review prior to initiating the actual regulatory process.

Please note that, if the USACE determines that the drainages/waterbodies are jurisdictional and would be impacted by project implementation, the Applicant will be required to obtain a CWA Section 401 Water Quality Certification from the RWQCB before the USACE will issue the Section 404 Permit. If the USACE determines that the impacted drainage/waterbody is not jurisdictional, the Applicant will be required to obtain RWQCB authorization under the provisions of a Report of Waste Discharge (ROWD).

Jurisdictional Determinations

Pursuant to USACE Regulatory Guidance Letter 08-02 (dated June 26, 2008), the USACE can issue two types of jurisdictional determinations to implement Section 404 of the CWA: Approved Jurisdictional Determinations and Preliminary Jurisdictional Determinations.¹⁴ An Approved Jurisdictional Determination is an official USACE determination that jurisdictional WOTUS, Navigable WOTUS, or both are either present or absent on a site. An Approved Jurisdictional Determination also identifies the precise limits of jurisdictional waters on a project site.

The USACE will provide an Approved Jurisdictional Determination when (1) an Applicant requests an official jurisdictional determination; (2) an Applicant contests jurisdiction over a particular water body or wetland; or (3) when the USACE determines that jurisdiction does not exist over a particular water body or wetland. The Approved Jurisdictional Determination then becomes the USACE's official determination that can then be relied upon over a five-year period to request regulatory authorization as part of the permit application.

In addition, an Applicant may decline to request an Approved Jurisdictional Determination and instead obtain a USACE IP or General Permit Authorization based on a Preliminary Jurisdictional Determination or, in certain circumstances (e.g., authorizations by non-reporting nationwide general permits), with no Jurisdictional Determination.

Preliminary Jurisdictional Determinations are non-binding, advisory in nature, and may not be appealed. They indicate that WOTUS may occur on a project site. An Applicant may elect to use a Preliminary Jurisdictional Determination to voluntarily waive or set aside questions regarding

¹³ USACE. 2007 (January 31). Memorandum: Interim Guidance for Amendments to the National Historic Preservation Act and the Advisory Council on Historic Preservation (ACHP) Implementing Regulations. Washington, D.C.: USACE.

¹⁴ USACE. 2008b (June 26). Regulatory Guidance Letter. Jurisdictional Determinations. Washington, D.C.: USACE.

CWA jurisdiction over a site, usually in the interest of expediting the permitting process. The USACE will determine what form of Jurisdictional Determination is appropriate for a particular project site.

The USACE Regulatory Branch Offices will coordinate with the USEPA Regional Office and USACE Headquarters, as outlined in its January 28, 2008, memorandum entitled "Process for Coordinating Jurisdictional Determinations Conducted Pursuant to Section 404 of the CWA in Light of the Rapanos and SWANCC Supreme Court Decisions".¹⁵ The guidance provided in this memorandum is quoted as follows:

1. Effective immediately, unless and until paragraph 5(b) of the June 5, 2007, Rapanos guidance coordination memorandum is modified by a joint memorandum from Army and USEPA, we will follow these procedures:
 - a. For jurisdictional determinations involving significant nexus determinations, USACE districts will send copies of draft jurisdictional delineations via e-mail to appropriate USEPA regional offices. The USEPA regional office will have 15 calendar days to decide whether to take the draft jurisdictional delineation as a special case under the January 19, 1989, "Memorandum of Agreement Between the Department of the Army and the USEPA Concerning the Determination of the Section 404 Program and the Application of the Exceptions under Section 404(f) of the Clean Water Act". If the USEPA regional office does not respond to the district within 15 days, the district will finalize the jurisdictional determination.
 - b. For jurisdictional determinations involving isolated waters determinations, the agencies will continue to follow the procedure in paragraph 5(b) of June 5, 2007, coordination memorandum, until a new coordination memorandum is signed by USACE and USEPA. (In accordance with paragraph 6 of the June 5, 2007, coordination memorandum, this is a 21-day timeline that can only be changed through a joint memorandum between agencies).
2. Approved Jurisdictional Determinations are not required for non-reporting NWPs, unless the project proponent specifically requests an approved Jurisdictional Determination. For proposed activities that may qualify for authorization under a State Programmatic General Permit (SPGP) or RGP, an approved Jurisdictional Determination is not required unless requested by the project proponent.
3. The USACE will continue to work with USEPA to resolve the Jurisdictional Determinations involving significant nexus and isolated waters determinations that are currently in the elevation process.
4. USACE districts will continue posting completed Approved Jurisdictional Determination Forms on their web pages.

¹⁵ USACE. 2008c (January 28). *Memorandum for Commander, Major Subordinate Commands and District Commands. Process for Coordinating Jurisdictional Determinations Conducted Pursuant to Section 404 of the Clean Water Act in Light of the Rapanos and SWANCC Supreme Court Decisions*. Washington, D.C.: USACE.

Regional Water Quality Control Board

The RWQCB is the primary agency responsible for protecting water quality in California through the regulation of discharges to surface waters under the CWA and the California Porter-Cologne Water Quality Control Act (Porter-Cologne Act). The RWQCB's jurisdiction extends to all waters of the State and to all WOTUS, including wetlands (isolated and non-isolated).

Section 401 of the CWA provides the RWQCB with the authority to regulate, through a Water Quality Certification, any proposed, federally permitted activity that may affect water quality. Among such activities are discharges of dredged or fill material permitted by the USACE pursuant to Section 404 of the CWA. Section 401 requires the RWQCB to provide certification that there is reasonable assurance that an activity which may result in discharge to navigable waters will not violate water quality standards. Water Quality Certification must be based on a finding that the proposed discharge will comply with water quality standards, which contain numeric and narrative objectives that can be found in each of the nine RWQCBs' Basin Plans.

The Porter-Cologne Act provides the State with very broad authority to regulate waters of the State (which are defined as any surface water or groundwater, including saline waters). The Porter-Cologne Act has become an important tool in the post-SWANCC (*Solid Waste Agency of Northern Cook Counties vs. United States Army Corps of Engineers*) and Rapanos era with respect to the State's authority over isolated waters. Generally, any person proposing to discharge waste into a water body that could affect its water quality must file an ROWD when there is no federal nexus, such as under Section 404(b)(1) of the CWA. Although "waste" is partially defined as any waste substance associated with human habitation, the RWQCB interprets this to include fill discharge into water bodies.

Section 401 Water Quality Certification

Issuance of the USACE Section 404 Permit would be contingent upon the approval of a Section 401 Water Quality Certification from the RWQCB. Also, the RWQCB requires certification of the project's California Environmental Quality Act (CEQA) documentation before it will approve the Section 401 Water Quality Certification or ROWD. The RWQCB, as a responsible agency, will use the project's CEQA document to satisfy its own CEQA-compliance requirements.

On June 1, 2020, the USEPA finalized the "Clean Water Act Section 401 Certification Rule" to implement the water quality certification process consistent with the text and structure of the CWA. The final rule establishes procedures that promote consistent implementation of CWA section 401 and regulatory certainty in the federal licensing and permitting process. The new regulation includes reviews and approvals by the USACE prior to the RWQCB issuing a 401 Certification and reviews and approvals by the EPA prior to the USACE issuing a 404. The new 401 rule went into effect on September 11, 2020.

The new certification rule defines a discharge subject to 401 Certification as a discharge from a point source into a water of the United States. The new rule also states that States with additional water quality regulations cannot use these to expand the certification request.

The new rule requires all project proponents to request a pre-filing meeting with the RWQCB at least 30 days prior to filing a 401 "Certification Request". The filing procedure has been simplified to require the filing of a "Certification Request", rather than the acceptance of a "complete application". The certification request has nine mandatory components:

1. identify the project proponent(s) and a point of contact;
2. identify the proposed project;

3. identify the applicable federal license or permit;
4. identify the location and nature of any potential discharge that may result from the proposed project and the location of receiving waters;
5. include a description of any methods and means proposed to monitor the discharge and the equipment or measures planned to treat, control, or manage the discharge;
6. include a list of all other federal, interstate, tribal, State, territorial, or local agency authorizations required for the proposed project, including all approvals or denials already received;
7. include documentation that a pre-filing meeting request was submitted to the certifying authority at least 30 days prior to submitting the certification request;
8. contain the following statement: "The project proponent hereby certifies that all information contained herein is true, accurate, and complete, to the best of my knowledge and belief"; and
9. contain the following statement: "The project proponent hereby requests that the certifying authority review and take action on this CWA 401 certification request within the applicable reasonable period of time".

There is a mandatory 30 day wait period between a pre-filing meeting request and the filing of a Certification Request. A Certification Request must be filed with the RWQCB and the USACE concurrently. USACE reviews the Certification Request for the nine required components. The USACE has 15 days to review the Certification Request. The USACE then notifies the RWQCB that request is complete. And concurrently notifies the RWQCB of the reasonable time period to act on the Certification Request. The reasonable time period is not to exceed 1 year. Within 15 days of receipt of the Certification Request, the RWQCB must provide the applicant with the following: 1) date of receipt; 2) applicable reasonable period of time to act on the Certification Request; and 3) date upon which waiver will occur if the certifying authority fails or refuses to act on the Certification Request.

Once the RWQCB issues the 401 Certification, the USACE has 5 days to notify the USEPA that the 401 Certification has been issued. The USEPA then has 30 days to notify neighboring jurisdictions of the 401 Certification. Neighboring jurisdictions have 60 days to respond. If there are no objections to the 401 Certification, then the USACE issues the 404 permit.

On June 2, 2021, the USEPA published a notice of intention to reconsider and revise the CWA Section 401 Certification Rule. At this time, they are currently accepting public comment. Until a new rule goes into effect, the current 401 Certification Rule stands.

The RWQCB is required under the *California Code of Regulations* (CCR) to have a "minimum 21 day public comment period" before any action can be taken on the Section 401 application.¹⁶ This period closes when the RWQCB acts on the application. Since projects often change or are revised during the Section 401 permit process, the comment period can remain open. The public comment period starts as soon as an application has been received. Generally, the RWQCB Section 401, USACE Section 404, and CDFW Section 1602 permit applications are submitted at the same time.

The RWQCB requires the Applicant to address urban storm water runoff during and after construction in the form of Best Management Practices (BMPs). These BMPs are intended to address the treatment of pollutants carried by storm water runoff and are required in all complete applications. The notification/application for a CWA Section 401 Water Quality

¹⁶ 23 CCR §3858(a)

Certification must also address compliance with the Basin Plan. Please note that filing an application would also require the payment of an application fee which would be based on project impacts. The fee schedule calculator is available at http://www.waterboards.ca.gov/santaana/water_issues/programs/401_certification/index.shtml.

California Department of Fish and Wildlife

The CDFW has jurisdictional authority over wetland resources associated with rivers, streams, and lakes pursuant to the *California Fish and Game Code*.¹⁷ Activities of any person, State or local governmental agency, or public utility that are project proponents are regulated by the CDFW under Section 1602 of the *California Fish and Game Code*. This section regulates any work that will (1) substantially divert or obstruct the natural flow of any river, stream, or lake; (2) substantially change or use any material from the bed, channel, or bank of any river, stream, or lake; or (3) deposit or dispose of debris, waste, or other material containing crumbled, flaked, or ground pavement where it may pass into any river, stream, or lake. Section 1602 of the *California Fish and Game Code* applies to all perennial, intermittent, and ephemeral rivers, streams, and lakes in the State.

The CDFW jurisdictional limits are not as clearly defined by regulation as those of the USACE. While they closely resemble the limits described by USACE regulations, they include riparian habitat supported by a river, stream, or lake regardless of the presence or absence of hydric and saturated soils conditions. In general, the CDFW takes jurisdiction from the top of a stream bank or to the outer limits of the adjacent riparian vegetation (outer drip line), whichever is greater. Notification is generally required for any project that will take place within or in the vicinity of a river, stream, lake or within or in the vicinity of tributaries to a river, stream, or lake. This includes rivers or streams that flow at least periodically or permanently through a bed or channel with banks that support fish and other aquatic plant and/or wildlife species. It also includes watercourses that have a surface or subsurface flow that support or have supported riparian vegetation.

Section 1602 Lake or Streambed Alteration Agreement

The CDFW enters into a Lake or Streambed Alteration (LSA) Agreement with a project proponent in order to ensure protection of wildlife and habitat values and acreages.

Prior to construction, a Notification of an LSA must be submitted to the CDFW that describes any proposed lake or streambed alteration that would occur with implementation of a project. The Notification of an LSA must address the initial construction and long-term operation and maintenance of any structures (such as a culvert or a desilting basin) included in the project design that are located within any river, stream, or lake and that may require periodic maintenance. In addition to the formal application materials and the fee, a copy of the appropriate environmental document (e.g., a Mitigated Negative Declaration) should be included in the submittal, consistent with CEQA requirements. The complete notification package must be submitted to the CDFW regional office that services the county where the activity will take place. This notification will serve as the basis for the CDFW's issuance of a Section 1602 LSA Agreement. Note that notification is not required before beginning emergency work, but the CDFW must be notified in writing within 14 days after beginning the work.

After receiving Notification of an LSA Agreement, the CDFW will determine whether an LSA Agreement will be required for the proposed activity. An LSA Agreement will be required if the

¹⁷ See §§1600–1616.

activity could substantially adversely affect an existing fish and wildlife resource. If an LSA Agreement is required, the CDFW may want to conduct an on-site inspection.

If the CDFW does not respond in writing concerning the completeness of the Notification within 30 days of its submittal, the Notification automatically becomes complete. If the CDFW does not submit a draft LSA Agreement to the Applicant within 60 days of the determination of a completed Notification package, the CDFW will issue a letter that either (1) identifies the final date to transmit a draft LSA Agreement or (2) indicates that an LSA Agreement was not required. The CDFW will also indicate that it was unable to meet this mandated compliance date and that, by law, the Applicant is authorized to complete the project without an LSA Agreement as long as the Applicant constructs the project as proposed and complies with all avoidance, minimization, and mitigation measures described in the submitted Notification package. Please note that, if the project requires revisions to the design or project construction, the CDFW may require submittal of a new Notification/application with an additional 90-day permit process.

If determined to be necessary, the CDFW will prepare a draft LSA Agreement, which will include standard measures to protect fish and wildlife resources during project construction and during ongoing operation and maintenance of any project element that occurs within a CDFW jurisdictional area. The draft Agreement must be transmitted to the Applicant within 60 calendar days of the CDFW's determination that the notification is complete. It should be noted that the 60-day timeframe might not apply to long-range agreements.

Following receipt of a draft LSA Agreement from the CDFW, the Applicant has 30 calendar days to notify the CDFW concerning the acceptability of the proposed terms, conditions, and measures. If the Applicant agrees with these terms, conditions, and measures, the Agreement must be signed and returned to the CDFW. The Agreement becomes final once the CDFW executes it and an LSA Agreement is issued. Please note that all application fees must be paid and the final certified CEQA documentation must be provided prior to the CDFW's execution of the Agreement.

ATTACHMENT B
REPRESENTATIVE PHOTOGRAPHS



Survey Area



Photo Location

Photo 1

33.866, -117.821

Facing South

Existing pipeline over Atwood Channel.

Photo 2

33.8659, -117.821

Facing West

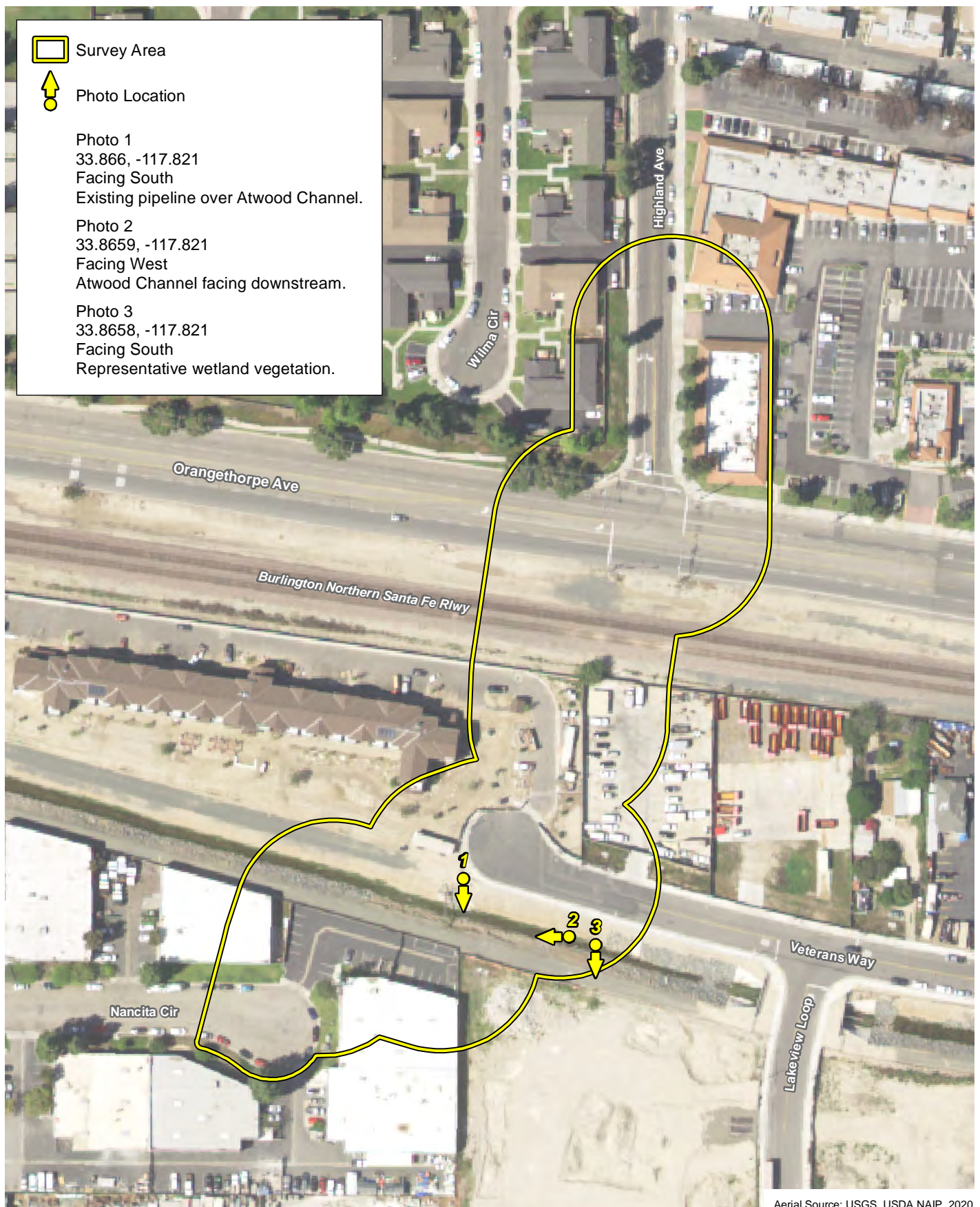
Atwood Channel facing downstream.

Photo 3

33.8658, -117.821

Facing South

Representative wetland vegetation.



Aerial Source: USGS, USDA NAIP, 2020

Representative Photograph Locations

Attachment B-1

BNSF Waterline Crossing at Veterans Village and Highland Avenue Project



130 65 0 130
Feet



(Rev: 8-03-2022 JVR) R:\Projects\2YOR\2YOR030203\Graphics\JD\Att_PhotoLocations.pdf



Photo 1. Existing pipeline crossing Atwood Channel. April 7, 2022.



Photo 2. Overview of Atwood Channel from the upstream (east) end of the survey area facing downstream (west). April 7, 2022.

Representative Photographs

Attachment B-2

BNSF Waterline Crossing at Veterans Village and Highland Avenue Project



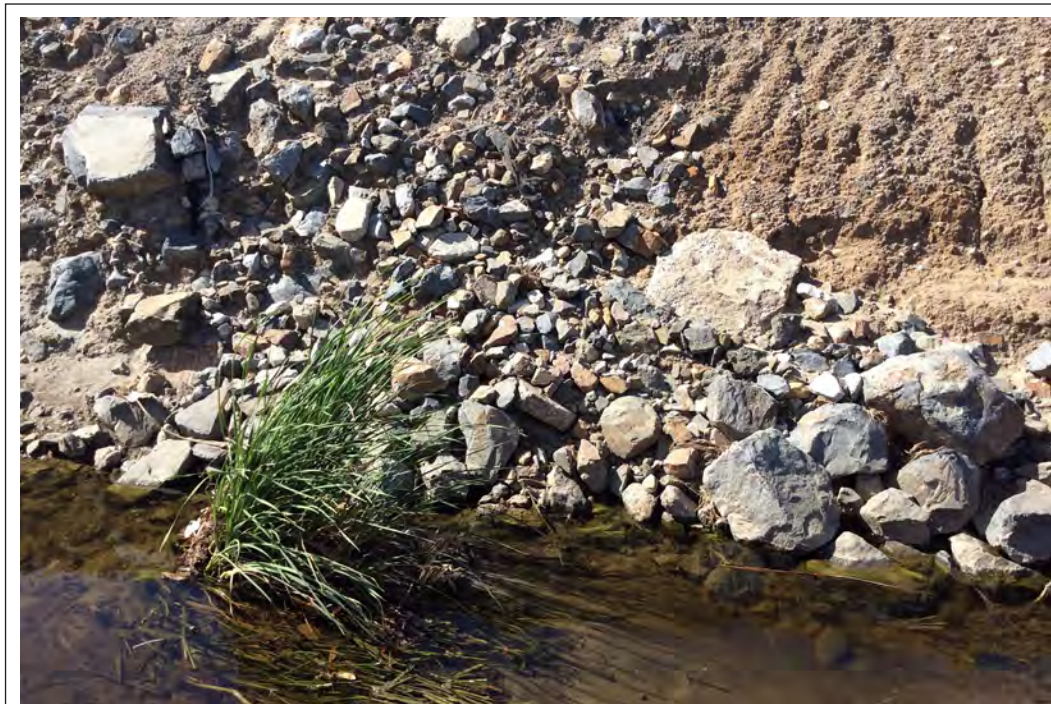


Photo 3. Representative wetland vegetation, i.e., cattail (*Typha* sp.), an obligate wetland species. April 7, 2022.

Representative Photographs

Attachment B-3

BNSF Waterline Crossing at Veterans Village and Highland Avenue Project



ATTACHMENT C
DATASHEETS

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: BNSF Waterline Crossing City/County: Placentia, Orange Co Sampling Date: Apr 7, 2022
 Applicant/Owner: Yorba Linda Water District State: CA Sampling Point: 1
 Investigator(s): Allison Rudalevige Section, Township, Range: Sec 33 T03S R09W
 Landform (hillslope, terrace, etc.): trapezoidal channel Local relief (concave, convex, none): none Slope (%): 1
 Subregion (LRR): CA Lat: 33.8659 Long: -117.821 Datum: NAD83
 Soil Map Unit Name: Metz loamy sand NWI classification: R4SBCr

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No X
 Are Vegetation X, Soil X, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u>
Hydric Soil Present?	Yes <u>X</u> No <u> </u>	
Wetland Hydrology Present?	Yes <u>X</u> No <u> </u>	
Remarks: <u>Channel was historically (prior to 1966) created by human activities</u>		

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
1. <u> </u>	<u> </u>	<u> </u>	<u> </u>	
2. <u> </u>	<u> </u>	<u> </u>	<u> </u>	
3. <u> </u>	<u> </u>	<u> </u>	<u> </u>	
4. <u> </u>	<u> </u>	<u> </u>	<u> </u>	
Sapling/Shrub Stratum (Plot size: <u>5'</u>)				Prevalence Index = B/A = <u> </u>
1. <u> </u>	<u> </u>	<u> </u>	<u> </u>	
2. <u> </u>	<u> </u>	<u> </u>	<u> </u>	
3. <u> </u>	<u> </u>	<u> </u>	<u> </u>	
Herb Stratum (Plot size: <u>5'</u>)				Hydrophytic Vegetation Indicators: <u>X</u> Dominance Test is >50% <u> </u> Prevalence Index is ≤3.0 ¹ <u> </u> Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <u> </u> Problematic Hydrophytic Vegetation ¹ (Explain)
1. <u>Typha sp.</u>	<u>30</u>	<u>X</u>	<u>OBL</u>	
2. <u> </u>	<u> </u>	<u> </u>	<u> </u>	
3. <u> </u>	<u> </u>	<u> </u>	<u> </u>	
Woody Vine Stratum (Plot size: <u> </u>)				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u> </u>	<u> </u>	<u> </u>	<u> </u>	
2. <u> </u>	<u> </u>	<u> </u>	<u> </u>	
Hydrophytic Vegetation Present? Yes <u>X</u> No <u> </u>				
% Bare Ground in Herb Stratum <u> </u> % Cover of Biotic Crust <u> </u>				

Remarks:
"Sparse & patchy vegetation" is a problematic vegetation condition. Only areas dominated by Typha are considered to have wetland vegetation. Other vegetated areas are dominated by FACU or UPL species (e.g. Melilotus indicus, Lactuca serriola, Bromus diandrus)

Sampling Point: _____

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

Indicators for Problematic Hydric Soils³:

- | | |
|---|------------------------------|
| — Histosol (A1) | — Sandy Redox (S5) |
| — Histic Epipedon (A2) | — Stripped Matrix (S6) |
| — Black Histic (A3) | — Loamy Mucky Mineral (F1) |
| — Hydrogen Sulfide (A4) | — Loamy Gleyed Matrix (F2) |
| — Stratified Layers (A5) (LRR C) | — Depleted Matrix (F3) |
| — 1 cm Muck (A9) (LRR D) | — Redox Dark Surface (F6) |
| — Depleted Below Dark Surface (A11) | — Depleted Dark Surface (F7) |
| — Thick Dark Surface (A12) | — Redox Depressions (F8) |
| — Sandy Mucky Mineral (S1) | — Vernal Pools (F9) |
| — Sandy Gleyed Matrix (S4) | |

- ☐ 1 cm Muck (A9) (LRR C)
☐ 2 cm Muck (A10) (LRR B)
☐ Reduced Vertic (F18)
☐ Red Parent Material (TF2)
☒ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____
Depth (inches): _____

Hydric Soil Present? Yes X No

Remarks:

Remarks: Soil inundated for extended periods of time as indicated by flowing water during dry season. Survey and surface water observed on multiple historic aeriats. Unable to dig soil test pit. Mapped soil is also classified as hydric.

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

Secondary Indicators (2 or more required)

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> Surface Water (A1) | <input type="checkbox"/> Salt Crust (B11) | <input type="checkbox"/> Water Marks (B1) (Riverine) |
| <input type="checkbox"/> High Water Table (A2) | <input type="checkbox"/> Biotic Crust (B12) | <input type="checkbox"/> Sediment Deposits (B2) (Riverine) |
| <input type="checkbox"/> Saturation (A3) | <input type="checkbox"/> Aquatic Invertebrates (B13) | <input checked="" type="checkbox"/> Drift Deposits (B3) (Riverine) |
| <input type="checkbox"/> Water Marks (B1) (Nonriverine) | <input type="checkbox"/> Hydrogen Sulfide Odor (C1) | <input type="checkbox"/> Drainage Patterns (B10) |
| <input type="checkbox"/> Sediment Deposits (B2) (Nonriverine) | <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) | <input type="checkbox"/> Dry-Season Water Table (C2) |
| <input type="checkbox"/> Drift Deposits (B3) (Nonriverine) | <input type="checkbox"/> Presence of Reduced Iron (C4) | <input type="checkbox"/> Crayfish Burrows (C8) |
| <input type="checkbox"/> Surface Soil Cracks (B6) | <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) | <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) |
| <input checked="" type="checkbox"/> Inundation Visible on Aerial Imagery (B7) | <input type="checkbox"/> Thin Muck Surface (C7) | <input type="checkbox"/> Shallow Aquitard (D3) |
| <input type="checkbox"/> Water-Stained Leaves (B9) | <input type="checkbox"/> Other (Explain in Remarks) | <input type="checkbox"/> FAC-Neutral Test (D5) |

Field Observations:

Field Observations:

Surface Water Present? Yes X No Depth (inches): 12+

Water Table Present? Yes No Depth (inches):

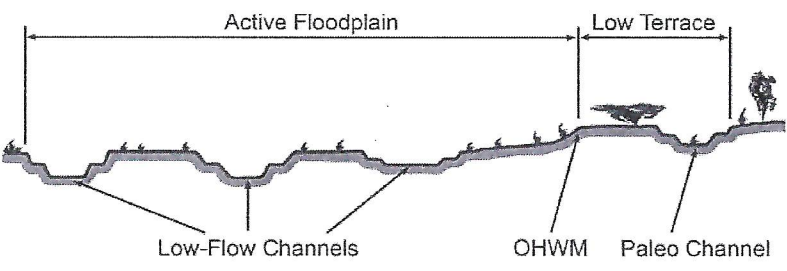
Saturation Present? Yes No Depth (inches):
(includes capillary fringe)

Wetland Hydrology Present? Yes X No

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

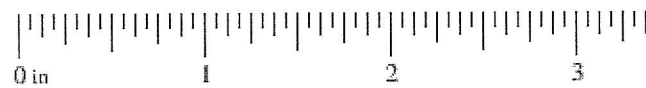
Remarks:

Arid West Ephemeral and Intermittent Streams OHW M Datasheet

Project: BNSF Waterline Crossing Project Number: 240R 030203 Stream: Atwood Channel Investigator(s): ARudakevige		Date: Apr 7, 2022 Town: Placentia Photo begin file#: Time: 0945 State: CA Photo end file#:					
Y <input type="checkbox"/> / N <input checked="" type="checkbox"/> Do normal circumstances exist on the site? Y <input type="checkbox"/> / N <input checked="" type="checkbox"/> Is the site significantly disturbed?		Location Details: west of Veterans Way + Lakeview Loop Projection: lat/long Datum: NAD 83 Coordinates: 33.8659, -117.821					
Potential anthropogenic influences on the channel system: Channel was historically (prior to 1966) created by human activity							
Brief site description: Artificial channel partially unlined and partially lined.							
Checklist of resources (if available): <table style="width: 100%; border: none;"> <tr> <td style="vertical-align: top; width: 50%;"> <input checked="" type="checkbox"/> Aerial photography Dates: 1966, 1963, 2020 <input checked="" type="checkbox"/> Topographic maps <input type="checkbox"/> Geologic maps <input type="checkbox"/> Vegetation maps <input checked="" type="checkbox"/> Soils maps <input type="checkbox"/> Rainfall/precipitation maps <input type="checkbox"/> Existing delineation(s) for site <input type="checkbox"/> Global positioning system (GPS) <input type="checkbox"/> Other studies </td> <td style="vertical-align: top; width: 50%;"> <input type="checkbox"/> Stream gage data Gage number: Period of record: <input type="checkbox"/> History of recent effective discharges <input type="checkbox"/> Results of flood frequency analysis <input type="checkbox"/> Most recent shift-adjusted rating <input type="checkbox"/> Gage heights for 2-, 5-, 10-, and 25-year events and the most recent event exceeding a 5-year event </td> </tr> </table>				<input checked="" type="checkbox"/> Aerial photography Dates: 1966, 1963, 2020 <input checked="" type="checkbox"/> Topographic maps <input type="checkbox"/> Geologic maps <input type="checkbox"/> Vegetation maps <input checked="" type="checkbox"/> Soils maps <input type="checkbox"/> Rainfall/precipitation maps <input type="checkbox"/> Existing delineation(s) for site <input type="checkbox"/> Global positioning system (GPS) <input type="checkbox"/> Other studies	<input type="checkbox"/> Stream gage data Gage number: Period of record: <input type="checkbox"/> History of recent effective discharges <input type="checkbox"/> Results of flood frequency analysis <input type="checkbox"/> Most recent shift-adjusted rating <input type="checkbox"/> Gage heights for 2-, 5-, 10-, and 25-year events and the most recent event exceeding a 5-year event		
<input checked="" type="checkbox"/> Aerial photography Dates: 1966, 1963, 2020 <input checked="" type="checkbox"/> Topographic maps <input type="checkbox"/> Geologic maps <input type="checkbox"/> Vegetation maps <input checked="" type="checkbox"/> Soils maps <input type="checkbox"/> Rainfall/precipitation maps <input type="checkbox"/> Existing delineation(s) for site <input type="checkbox"/> Global positioning system (GPS) <input type="checkbox"/> Other studies	<input type="checkbox"/> Stream gage data Gage number: Period of record: <input type="checkbox"/> History of recent effective discharges <input type="checkbox"/> Results of flood frequency analysis <input type="checkbox"/> Most recent shift-adjusted rating <input type="checkbox"/> Gage heights for 2-, 5-, 10-, and 25-year events and the most recent event exceeding a 5-year event						
Hydrogeomorphic Floodplain Units 							
Procedure for identifying and characterizing the floodplain units to assist in identifying the OHWM: <ol style="list-style-type: none"> 1. Walk the channel and floodplain within the study area to get an impression of the geomorphology and vegetation present at the site. 2. Select a representative cross section across the channel. Draw the cross section and label the floodplain units. 3. Determine a point on the cross section that is characteristic of one of the hydrogeomorphic floodplain units. <ol style="list-style-type: none"> a) Record the floodplain unit and GPS position. b) Describe the sediment texture (using the Wentworth class size) and the vegetation characteristics of the floodplain unit. c) Identify any indicators present at the location. 4. Repeat for other points in different hydrogeomorphic floodplain units across the cross section. 5. Identify the OHWM and record the indicators. Record the OHWM position via: <table style="width: 100%; border: none; margin-top: 5px;"> <tr> <td><input checked="" type="checkbox"/> Mapping on aerial photograph</td> <td><input type="checkbox"/> GPS</td> </tr> <tr> <td><input type="checkbox"/> Digitized on computer</td> <td><input type="checkbox"/> Other:</td> </tr> </table> 				<input checked="" type="checkbox"/> Mapping on aerial photograph	<input type="checkbox"/> GPS	<input type="checkbox"/> Digitized on computer	<input type="checkbox"/> Other:
<input checked="" type="checkbox"/> Mapping on aerial photograph	<input type="checkbox"/> GPS						
<input type="checkbox"/> Digitized on computer	<input type="checkbox"/> Other:						

Wentworth Size Classes

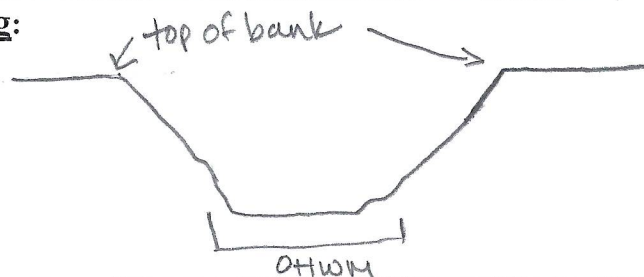
Inches (in)	Millimeters (mm)	Wentworth size class
10.08	256	Boulder
2.56	64	Cobble
0.157	4	Pebble
		Granule
0.079	2.00	
0.039	1.00	Very coarse sand
0.020	0.50	Coarse sand
1/2 0.0098	0.25	Medium sand
1/4 0.005	0.125	Fine sand
1/8 0.0025	0.0625	Very fine sand
1/16 0.0012	0.031	Coarse silt
1/32 0.00061	0.0156	Medium silt
1/64 0.00031	0.0078	Fine silt
1/128 0.00015	0.0039	Very fine silt
		Clay



Project ID: 240R030203 Cross section ID: 1

Date: Apr 7, 2022 Time: 0945

Cross section drawing:



OHWM

GPS point: 33.8659, -117.821

Indicators:

- ☐ Change in average sediment texture
☒ Change in vegetation species
☒ Change in vegetation cover

- ☒ Break in bank slope
☒ Other: surface water
☐ Other: _____

Comments:

Trapezoidal channel with vegetation growing at toe of slope.

Floodplain unit: ☒ Low-Flow Channel ☐ Active Floodplain ☐ Low Terrace

GPS point: 33.8659, -117.821

Characteristics of the floodplain unit:

Average sediment texture: loamy

Total veg cover: 5 % Tree: 0 % Shrub: 0 % Herb: 5 %

Community successional stage:

- ☐ NA
☒ Early (herbaceous & seedlings)

- ☐ Mid (herbaceous, shrubs, saplings)
☐ Late (herbaceous, shrubs, mature trees)

Indicators:

- ☐ Mudcracks
☐ Ripples
☒ Drift and/or debris
☒ Presence of bed and bank
☐ Benches

- ☐ Soil development
☐ Surface relief
☒ Other: Surface water
☐ Other: _____
☐ Other: _____

Comments:

Confined channel with no floodplain. A mix of OBL, FACU, + UPL vegetation but area primarily unvegetated.

Project ID: 270R 030203 Cross section ID: 1

Date: Apr 7, 2012 Time: 0945

Floodplain unit: ☐ Low-Flow Channel ☒ Active Floodplain ☐ Low Terrace

GPS point: _____

Characteristics of the floodplain unit:

Average sediment texture: _____

Total veg cover: _____% Tree: _____% Shrub: _____% Herb: _____%

Community successional stage:

- | | |
|---|--|
| <input type="checkbox"/> NA | <input type="checkbox"/> Mid (herbaceous, shrubs, saplings) |
| <input type="checkbox"/> Early (herbaceous & seedlings) | <input type="checkbox"/> Late (herbaceous, shrubs, mature trees) |

Indicators:

- | | |
|---|---|
| <input type="checkbox"/> Mudcracks | <input type="checkbox"/> Soil development |
| <input type="checkbox"/> Ripples | <input type="checkbox"/> Surface relief |
| <input type="checkbox"/> Drift and/or debris | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Presence of bed and bank | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Benches | <input type="checkbox"/> Other: _____ |

Comments:

no active floodplain present

Floodplain unit: ☐ Low-Flow Channel ☐ Active Floodplain ☒ Low Terrace

GPS point: _____

Characteristics of the floodplain unit:

Average sediment texture: _____

Total veg cover: _____% Tree: _____% Shrub: _____% Herb: _____%

Community successional stage:

- | | |
|---|--|
| <input type="checkbox"/> NA | <input type="checkbox"/> Mid (herbaceous, shrubs, saplings) |
| <input type="checkbox"/> Early (herbaceous & seedlings) | <input type="checkbox"/> Late (herbaceous, shrubs, mature trees) |

Indicators:

- | | |
|---|---|
| <input type="checkbox"/> Mudcracks | <input type="checkbox"/> Soil development |
| <input type="checkbox"/> Ripples | <input type="checkbox"/> Surface relief |
| <input type="checkbox"/> Drift and/or debris | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Presence of bed and bank | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Benches | <input type="checkbox"/> Other: _____ |

Comments:

no low terrace present

ATTACHMENT D
LITERATURE REVIEW DETAILS

This attachment provides detailed results of the literature review.

SOIL SERIES

The below text is the detailed soil information obtained from the Map Unit Description found in the legend of the USDA NRCS website.¹⁸

163—Metz loamy sand

Map Unit Setting

- *National map unit symbol:* hcn8
- *Elevation:* 30 to 2,500 feet
- *Mean annual precipitation:* 20 inches
- *Mean annual air temperature:* 57 to 61 degrees Fahrenheit
- *Frost-free period:* 200 to 340 days
- *Farmland classification:* Prime farmland if irrigated

Map Unit Composition

- *Metz and similar soils:* 80 percent
- *Minor components:* 20 percent
- *Estimates are based on observations, descriptions, and transects of the mapunit.*

Description of Metz

Setting

- *Landform:* Alluvial fans
- *Landform position (two-dimensional):* toeslope
- *Landform position (three-dimensional):* side slope
- *Down-slope shape:* concave
- *Across-slope shape:* convex
- *Parent material:* Alluvium derived from mixed sources

Typical profile

- *H1 – 0 to 17 inches:* loamy sand
- *H2 – 17 to 63 inches:* stratified sand to fine sandy loam

Properties and qualities

- *Slope:* 0 to 2 percent
- *Depth to restrictive feature:* More than 80 inches
- *Drainage class:* Somewhat excessively drained
- *Runoff class:* low
- *Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high (0.57 to 1.98 inches/hour)
- *Depth to water table:* More than 80 inches
- *Frequency of flooding:* None
- *Frequency of ponding:* None
- *Calcium carbonate, maximum content:* 5 percent
- *Maximum salinity:* Nonsaline to very slightly saline)0.00 to 2.0 mmhos/cm)
- *Available water supply, 0 to 60 inches:* low (about 5.4 inches)

¹⁸ U.S. Department of Agriculture, Natural Resources Conservation Service (USDA NRCS). 2022. Web Soil Survey. Records for the survey area, as Area of Interest. Further information about Soil Map Units. Lincoln, NE: USDA NRCS <https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>.

Interpretive groups

- *Land capability classification (irrigated): 2s*
- *Land capability classification (nonirrigated): 4e*
- *Hydrologic Soil Group: B*
- *Ecological site: R019XD035CA – Sandy (1975)*
- *Hydric soil rating: No*

Minor Components

San Emigdio, fine sandy loam

- *Percent of map unit: 4 percent*
- *Hydric soil rating: No*

Hueneme, fine sandy loam

- *Percent of map unit: 4 percent*
- *Hydric soil rating: No*

Corralitos, loamy sand

- *Percent of map unit: 4 percent*
- *Hydric soil rating: No*

Riverwash

- *Percent of map unit: 4 percent*
- *Hydric soil rating: Yes*

Metz, mod fine substratum

- *Percent of map unit: 4 percent*
- *Hydric soil rating: No*

NATIONAL WETLANDS INVENTORY

One wetland resource was mapped by the National Wetlands Inventory in the survey area (see Exhibit 4). The description for mapped resource is provided below.¹⁹

- **R: System RIVERINE.** The Riverine System includes all wetlands and deepwater habitats contained within a channel, with two exceptions: (1) wetlands dominated by trees, shrubs, persistent emergents, emergent mosses, or lichens, and (2) habitats with water containing ocean-derived salts of 0.5 part per trillion (ppt) or greater. A channel is an open conduit either naturally or artificially created which periodically or continuously contains moving water, or which forms a connecting link between two bodies of standing water.
 - **4: Subsystem INTERMITTENT.** This Subsystem includes channels that contain flowing water only part of the year. When the water is not flowing, it may remain in isolated pools or surface water may be absent.
 - **SB: Class STREAMBED.** Includes all wetlands contained within the Intermittent Subsystem of the Riverine System and all channels of the Estuarine System or of the Tidal Subsystem of the Riverine System that are completely dewatered at low tide.
 - **A: Water Regime SEASONALLY FLOODED.** Surface water is present for extended periods especially early in the growing season, but is absent by the end of the growing season in most years. The water table after flooding ceases is variable, extending from saturated to the surface to a water table well below the ground surface.
 - **r: Special Modifier ARTIFICIAL SUBSTRATE.** This modifier describes concrete-lined drainage ways, as well as rock bottom, unconsolidated bottom, rocky shore, and unconsolidated shore where the substrate material has been emplaced by humans. Jetties and breakwaters are examples of artificial rocky shores.

¹⁹ U.S. Fish and Wildlife Service (USFWS). 2022. Wetland Mapper [Information for the Survey Area]. Washington, D.C.: USFWS, National Wetlands Inventory. <http://www.fws.gov/wetlands/Data/Mapper.html>.

BASIN PLAN BENEFICIAL USES

Beneficial uses are defined in the Porter-Cologne Act as those uses of water that are necessary for tangible and intangible economic, social, and environmental benefits. The *Water Quality Control Plan Santa Ana River Basin (8)* (Basin Plan) identifies a number of beneficial uses for unnamed tributary to the San Diego River (Santa Ana RWQCB 1995): Municipal and Domestic Supply (MUN) waters; Groundwater Recharge (GWR) waters; Water Contact Recreation (REC-1) waters; Non-contact Water Recreation (REC-2) waters; Warm Fresh Water Habitat (WARM) waters; Wildlife Habitat (WILD) waters; and Rare, Threatened or Endangered Species (RARE) waters.²⁰ Given that the Project replaces an existing pipeline, it is not expected to have an impact on beneficial uses.

- MUN waters are used for community, military, municipal, or individual water supply systems. These uses may include, but are not limited to, drinking water supply. This beneficial use may apply to Atwood Channel.
- GWR waters are used for natural or artificial recharge of groundwater for purposes that may include, but are not limited to, future extraction, maintaining water quality, or halting saltwater intrusion into freshwater aquifers. This beneficial use may apply to Atwood Channel.
- REC-1 waters are used for recreational activities involving body contact with water, where ingestion of water is reasonably possible. These uses include, but are not limited to, swimming, wading, water-skiing, skin and scuba diving, surfing, white water activities, fishing, or use of natural hot springs. Given that Atwood Channel is fenced off from the public in the vicinity of the survey area, this beneficial use is not applicable.
- REC-2 waters are used for recreational activities involving proximity to water, but not normally involving body contact with water, where ingestion of water is reasonably possible. These uses include, but are not limited to, picnicking, sunbathing, hiking, beachcombing, camping, boating, tidepool and marine life study, hunting sightseeing, or aesthetic enjoyment in conjunction with the above activities. Given that Atwood Channel is fenced off from the public in the vicinity of the survey area, this beneficial use is not applicable.
- WARM waters support warm water ecosystems that may include, but are not limited to, preservation and enhancement of aquatic habitats, vegetation, fish, and wildlife (including invertebrates). This beneficial use may apply to Atwood Channel.
- WILD waters support terrestrial ecosystems including, but not limited to, preservation and enhancement of terrestrial habitats, vegetation, wildlife (e.g., mammals, birds, reptiles, amphibians, invertebrates), or wildlife water and food sources. This beneficial use may apply to Atwood Channel.
- RARE waters support the habitats necessary, at least in part, for the survival and successful maintenance of plant or animal species established under State or federal law as Rare, Threatened, or Endangered. Atwood Channel does not provide suitable habitat for federally or State-listed species; therefore, this beneficial use is not applicable.

²⁰ Santa Ana Regional Water Quality Control Board (Santa Ana RWQCB). 1995 (as amended through 2019). *Water Quality Control Plan: Santa Ana River Basin (8)*. Santa Ana, CA: RWQCB.

APPENDIX C
CULTURAL RESOURCES



NATIVE AMERICAN HERITAGE COMMISSION

May 19, 2022

Charles Cisneros
Psomas

Via Email to: Charles.Cisneros@psomas.com

CHAIRPERSON
Laura Miranda
Luiseño

VICE CHAIRPERSON
Reginald Pagaling
Chumash

PARLIAMENTARIAN
Russell Attebery
Karuk

SECRETARY
Sara Dutschke
Miwok

COMMISSIONER
William Mungary
Paiute/White Mountain
Apache

COMMISSIONER
Isaac Bojorquez
Ohlone-Costanoan

COMMISSIONER
Buffy McQuillen
Yokayo Pomo, Yuki,
Nomlaki

COMMISSIONER
Wayne Nelson
Luiseño

COMMISSIONER
Stanley Rodriguez
Kumeyaay

EXECUTIVE SECRETARY
Raymond C. Hitchcock
Miwok/Nisenan

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

Re: Native American Tribal Consultation, Pursuant to the Assembly Bill 52 (AB 52), Amendments to the California Environmental Quality Act (CEQA) (Chapter 532, Statutes of 2014), Public Resources Code Sections 5097.94 (m), 21073, 21074, 21080.3.1, 21080.3.2, 21082.3, 21083.09, 21084.2 and 21084.3, 2YOR030203 Project, Orange County

Dear Mr. Cisneros:

Pursuant to Public Resources Code section 21080.3.1 (c), attached is a consultation list of tribes that are traditionally and culturally affiliated with the geographic area of the above-listed project. Please note that the intent of the AB 52 amendments to CEQA is to avoid and/or mitigate impacts to tribal cultural resources, (Pub. Resources Code §21084.3 (a)) ("Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource.")

Public Resources Code sections 21080.3.1 and 21084.3(c) require CEQA lead agencies to consult with California Native American tribes that have requested notice from such agencies of proposed projects in the geographic area that are traditionally and culturally affiliated with the tribes on projects for which a Notice of Preparation or Notice of Negative Declaration or Mitigated Negative Declaration has been filed on or after July 1, 2015. Specifically, Public Resources Code section 21080.3.1 (d) provides:

Within 14 days of determining that an application for a project is complete or a decision by a public agency to undertake a project, the lead agency shall provide formal notification to the designated contact of, or a tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, which shall be accomplished by means of at least one written notification that includes a brief description of the proposed project and its location, the lead agency contact information, and a notification that the California Native American tribe has 30 days to request consultation pursuant to this section.

The AB 52 amendments to CEQA law does not preclude initiating consultation with the tribes that are culturally and traditionally affiliated within your jurisdiction prior to receiving requests for notification of projects in the tribe's areas of traditional and cultural affiliation. The Native American Heritage Commission (NAHC) recommends, but does not require, early consultation as a best practice to ensure that lead agencies receive sufficient information about cultural resources in a project area to avoid damaging effects to tribal cultural resources.

The NAHC also recommends, but does not require that agencies should also include with their notification letters, information regarding any cultural resources assessment that has been completed on the area of potential effect (APE), such as:

1. The results of any record search that may have been conducted at an Information Center of the California Historical Resources Information System (CHRIS), including, but not limited to:

- A listing of any and all known cultural resources that have already been recorded on or adjacent to the APE, such as known archaeological sites;
- Copies of any and all cultural resource records and study reports that may have been provided by the Information Center as part of the records search response;
- Whether the records search indicates a low, moderate, or high probability that unrecorded cultural resources are located in the APE; and
- If a survey is recommended by the Information Center to determine whether previously unrecorded cultural resources are present.

2. The results of any archaeological inventory survey that was conducted, including:

- Any report that may contain site forms, site significance, and suggested mitigation measures.

All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum, and not be made available for public disclosure in accordance with Government Code section 6254.10.

3. The result of any Sacred Lands File (SLF) check conducted through the Native American Heritage Commission was positive. Please contact the Juaneno Band of Mission Indians Acjachemen Nation - Belardes on the attached list for more information.

4. Any ethnographic studies conducted for any area including all or part of the APE; and

5. Any geotechnical reports regarding all or part of the APE.

Lead agencies should be aware that records maintained by the NAHC and CHRIS are not exhaustive and a negative response to these searches does not preclude the existence of a tribal cultural resource. A tribe may be the only source of information regarding the existence of a tribal cultural resource.

This information will aid tribes in determining whether to request formal consultation. In the event that they do, having the information beforehand will help to facilitate the consultation process.

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance, we can assure that our consultation list remains current.

If you have any questions, please contact me at my email address: Andrew.Green@nahc.ca.gov.

Sincerely,



Andrew Green
Cultural Resources Analyst

Attachment

**Native American Heritage Commission
Tribal Consultation List
Orange County
5/19/2022**

***Campo Band of Diegueno
Mission Indians***

Ralph Goff, Chairperson
36190 Church Road, Suite 1 Diegueno
Campo, CA, 91906
Phone: (619) 478 - 9046
Fax: (619) 478-5818
rgoff@campo-nsn.gov

***Ewiiapaayp Band of Kumeyaay
Indians***

Michael Garcia, Vice Chairperson
4054 Willows Road Diegueno
Alpine, CA, 91901
Phone: (619) 933 - 2200
Fax: (619) 445-9126
michaelg@leaningrock.net

***Ewiiapaayp Band of Kumeyaay
Indians***

Robert Pinto, Chairperson
4054 Willows Road Diegueno
Alpine, CA, 91901
Phone: (619) 368 - 4382
Fax: (619) 445-9126
ceo@ebki-nsn.gov

***Gabrielino Band of Mission
Indians - Kizh Nation***

Andrew Salas, Chairperson
P.O. Box 393 Gabrielino
Covina, CA, 91723
Phone: (626) 926 - 4131
admin@gabrielenoindians.org

***Gabrielino/Tongva San Gabriel
Band of Mission Indians***

Anthony Morales, Chairperson
P.O. Box 693 Gabrielino
San Gabriel, CA, 91778
Phone: (626) 483 - 3564
Fax: (626) 286-1262
GTTribalcouncil@aol.com

Gabrielino /Tongva Nation

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

***Gabrielino Tongva Indians of
California Tribal Council***

Christina Conley, Tribal
Consultant and Administrator
P.O. Box 941078 Gabrielino
Simi Valley, CA, 93094
Phone: (626) 407 - 8761
christina.marsden@alumni.usc.ed
u

***Gabrielino Tongva Indians of
California Tribal Council***

Robert Dorame, Chairperson
P.O. Box 490 Gabrielino
Bellflower, CA, 90707
Phone: (562) 761 - 6417
Fax: (562) 761-6417
gtongva@gmail.com

Gabrielino-Tongva Tribe

Charles Alvarez,
23454 Vanowen Street Gabrielino
West Hills, CA, 91307
Phone: (310) 403 - 6048
roadkingcharles@aol.com

***Juaneno Band of Mission
Indians Acjachemen Nation -
Belardes***

Matias Belardes, Chairperson
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San Juan Capistrano, CA, 92675
Phone: (949) 293 - 8522
kaamalam@gmail.com

***La Posta Band of Diegueno
Mission Indians***

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jmiller@LPtribe.net

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and section 5097.98 of the Public Resources Code.

This list is only applicable for consultation with Native American tribes under Public Resources Code Sections 21080.3.1 for the proposed 2YOR030203 Project, Orange County.

**Native American Heritage Commission
Tribal Consultation List
Orange County
5/19/2022**

***La Posta Band of Diegueno
Mission Indians***

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Nation***

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Indians***

Lovina Redner, Tribal Chair
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***Soboba Band of Luiseno
Indians***

Joseph Ontiveros, Cultural
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P.O. BOX 487 Cahuilla
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Phone: (951) 663 - 5279
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***Soboba Band of Luiseno
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This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and section 5097.98 of the Public Resources Code.

This list is only applicable for consultation with Native American tribes under Public Resources Code Sections 21080.3.1 for the proposed 2YOR030203 Project, Orange County.

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, and Ventura Counties

5/24/2022

Records Search File No.: 23704.9818

Charles Cisneros
Psomas
225 South Lake Avenue, Suite 1000
Pasadena CA 91101

Re: Records Search Results for the Psomas Project 2YOR030203

The South Central Coastal Information Center received your records search request for the project area referenced above, located on the Orange, CA USGS 7.5' quadrangle. Due to the COVID-19 emergency, we have temporarily implemented new records search protocols. With the exception of some reports that have not yet been scanned, we are operationally digital for Los Angeles, Orange, and Ventura Counties. See attached document for your reference on what data is available in this format. The following reflects the results of the records search for the project area and a ½-mile radius:

As indicated on the data request form, the locations of all archaeological resources and only non-archaeological resources and reports within the project area are provided in the following format:

☐ custom GIS maps ☒ shape files ☐ hand drawn maps ☐ no maps wanted

Resources within project area: 1	30-176738
Resources within ½-mile radius: 1	SEE ATTACHED LIST
Reports within project area: 2	OR-02558, OR-04104
Reports within ½-mile radius: 13	SEE ATTACHED LIST

Resource Database Printout (list):

☐ enclosed ☒ not requested ☐ nothing listed

Resource Database Printout (details):

☐ enclosed ☒ not requested ☐ nothing listed

Resource Digital Database (spreadsheet):

☒ enclosed ☐ not requested ☐ nothing listed

Report Database Printout (list):

☐ enclosed ☒ not requested ☐ nothing listed

Report Database Printout (details):

☐ enclosed ☒ not requested ☐ nothing listed

Report Digital Database (spreadsheet):

☒ enclosed ☐ not requested ☐ nothing listed

Resource Record Copies:

☐ enclosed ☐ not requested ☒ nothing listed

Report Copies:

☒ enclosed ☐ not requested ☐ nothing listed

OHP Built Environment Resources Directory (BERD) 2019:

☒ available online; please go to

https://ohp.parks.ca.gov/?page_id=30338

Archaeo Determinations of Eligibility 2012:

☐ enclosed ☐ not requested ☒ nothing listed

<u>Historical Maps:</u>	<input type="checkbox"/> enclosed <input checked="" type="checkbox"/> not requested <input type="checkbox"/> nothing listed
<u>Ethnographic Information:</u>	<input checked="" type="checkbox"/> not available at SCCIC
<u>Historical Literature:</u>	<input checked="" type="checkbox"/> not available at SCCIC
<u>GLO and/or Rancho Plat Maps:</u>	<input checked="" type="checkbox"/> not available at SCCIC
<u>Caltrans Bridge Survey:</u>	<input checked="" type="checkbox"/> not available at SCCIC; please go to http://www.dot.ca.gov/hq/structur/strmaint/historic.htm
<u>Shipwreck Inventory:</u>	<input checked="" type="checkbox"/> not available at SCCIC; please go to http://shipwrecks.slc.ca.gov/ShipwrecksDatabase/Shipwrecks_Database.asp
<u>Soil Survey Maps: (see below)</u>	<input checked="" type="checkbox"/> not available at SCCIC; please go to http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx

Please forward a copy of any resulting reports from this project to the office as soon as possible. Due to the sensitive nature of archaeological site location data, we ask that you do not include resource location maps and resource location descriptions in your report if the report is for public distribution. If you have any questions regarding the results presented herein, please contact the office at the phone number listed above.

The provision of CHRIS Data via this records search response does not in any way constitute public disclosure of records otherwise exempt from disclosure under the California Public Records Act or any other law, including, but not limited to, records related to archeological site information maintained by or on behalf of, or in the possession of, the State of California, Department of Parks and Recreation, State Historic Preservation Officer, Office of Historic Preservation, or the State Historical Resources Commission.

Due to processing delays and other factors, not all of the historical resource reports and resource records that have been submitted to the Office of Historic Preservation are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for historical resource management work in the search area. Additionally, Native American tribes have historical resource information not in the CHRIS Inventory, and you should contact the California Native American Heritage Commission for information on local/regional tribal contacts.

Should you require any additional information for the above referenced project, reference the record search number listed above when making inquiries. Requests made after initial invoicing will result in the preparation of a separate invoice.

Thank you for using the **C**alifornia **H**istorical **R**esources **I**nformation **S**ystem,

Michelle Galaz Cornforth
Assistant Coordinator

Enclosures:

(X) Emergency Protocols for LA, Orange, and Ventura County BULK Processing Standards – 2 pages

(X) GIS Shapefiles – 4 shapes

(X) Resource Digital Database (spreadsheet) – 2 lines

(X) Report Digital Database (spreadsheet) – 15 lines

(X) Report Copies – (within project area) – 33 pages

(X) Invoice # 23704.9818

Emergency Protocols for LA, Orange, and Ventura County BULK or SINGLE PROJECT Records Searches IF YOU HAVE A GIS PERSON ON STAFF ONLY!!

These instructions are for qualified consultants with a valid Access and Use Agreement.

WE ARE ONLY PROVIDING DATA THAT IS ALREADY DIGITAL AT THIS TIME. SAN BERNARDINO COUNTY IS NOT DIGITAL AND THESE INSTRUCTIONS DO NOT APPLY.

Some of you have a fully digital operation and have GIS staff on board who can process a fully digital deliverable from the Information Center. If you can accept shape file data and do not require a custom map made for you by the SCCIC, and you are willing to sort the data we provide to you then these instructions are for you. Read further to be sure. You may have only one project at this time or some of you have a lot of different search locations that can be processed all at once. This may save you a lot of time getting results back and if we process your jobs in bulk, and you may enjoy significant cost savings as well. If you need individual invoice or summaries for each search location, then bulk processing is not for you and you need to submit a data request form for each search location.

Bulk processing will work for you if you have a GIS person on staff who can sort bulk data for you and make you any necessary project maps. This type of job can have as many job locations as you want but the point is that we will do them in bulk – at the same time - not one at a time. We send all the bulk data back to you and you sort it. This will work if you need searches in LA, Orange, or Ventura AND if they all have the same search radius and if all the other search criteria is the same– no exceptions. This will not work for San Bernardino County because we are not fully digital for San Bernardino County. You must submit all your shape files for each location at the same time and this will count as one search. If you have some that need a different radius, or different search criteria, then you should submit that job separately with its own set of instructions.

INSTRUCTIONS FOR BULK PROCESSING:

Please send in your requests via email using the data request form along with the associated shape files and pdf maps of the project area(s) at 1-24k scale. PDFs must be able to be printed out on 8.5X 11 paper. We check your shape file data against the pdf maps. This is where we find discrepancies between your shape files and your maps. This is required.

Please use this data request form and make sure you fill it out properly.

<http://web.sonoma.edu/nwic/docs/CHRISDataRequestForm.pdf>

DELIVERABLES:

1. A copy of the Built Environment Resources Directory or BERD for Los Angeles, Orange, Ventura, or San Bernardino County can now be found at the OHP Website for you to do your own research. This replaces the old Historic Properties Directory or HPD. We will not be searching this for you at this time but you can search it while you are waiting for our results to save time.

You will only get shapefiles back, which means that you will have to make your own maps for each project location. WARNING! If you don't request the shape files, you won't be able to tell which reports are in the project area or the search radius. Please note that you are charged for

each map feature even if you opt out of receiving shape files. You cannot get secondary products such as bibliographies or pdfs of records in the project area or search radius if you don't pay for the primary products (shape files) as this is the scaffolding upon which the secondary products are derived. If you do not understand the digital fee structure, ask before we process your request and send you data. You can find the digital fee structure on the OHP website under the CHRIS tab. In order to keep costs down, you must be willing to make adjustments to the search radius or what you are expecting to receive as part of the search. Remember that some areas are loaded with data and others are sparse – our fees will reflect that.

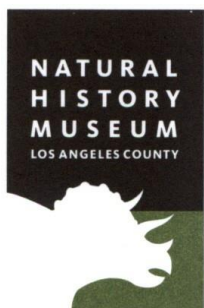
2. You will get a bulk processed bibliographies for resources and reports as selected; you will not get individual bibliographies for each project location.
3. You will get pdfs of resources and reports if you request them, provided that they are in digital formats. We will not be scanning records or reports at this time.
4. You will get one invoice for the bulk data processing. We can't bill this as individual jobs on separate invoices for you. If there are multiple project names, we are willing to reference all the job names on the invoice if needed. If there a lot of job id's we may ask you to send them in an email so that we can copy and paste it into the invoice details. If you need to bill your clients for the data, you can refer to our fee schedule on the OHP website under the CHRIS tab and apply the fees accordingly.
5. We will be billing you at the staff rate of \$150 per hour and you will be charged for all resources and report locations according to the CHRIS Fee Structure. (\$12 per GIS shape file; 0.15 per pdf page, or 0.25 per excel line; quad fees will apply if your research includes more than 2 quads). Discounts offered early on in our Covid-19 response will no longer be offered on any records searched submitted after October 5th, 2020.
6. Your packet will be sent to you electronically via Dropbox. We use 7-zip to password protect the files so you will need both on your computers. We email you the password. If you can't use Dropbox for some reason, then you will need to provide us with your Fed ex account number and we will ship you a disc with the results. As a last resort, we will ship on a disc via the USPS. You may be billed for our shipping and handling costs.

I may not have been able to cover every possible contingency in this set of instructions and will update it if necessary. You can email me with questions at sccic@fullerton.edu

Thank you,

Stacy St. James
South Central Coastal Information Center

Los Angeles, Orange, Ventura, and San Bernardino Counties



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

April 24, 2022

Psomas

Attn: Charles Cisneros

re: Paleontological resources for Project 2YOR030203

Dear Charles:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for proposed development at the project area as outlined on the portion of the Orange USGS topographic quadrangle map that you sent to me via e-mail on April 15, 2022. We do not have any fossil localities that lie directly within the proposed project area, but we do have fossil localities in the region 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 1652	Rio Vista Avenue south of Lincoln Avenue	Alluvium (Pleistocene)	Sheep (<i>Ovis</i>)	Unknown (excavations for housing project)
LACM VP 4185-4201	Coyote Creek, adjacent to Ralph B Clark Regional Park in West Coyote Hills	La Habra Formation (Pleistocene; sandy silt shot through with caliche)	Bison (<i>Bison</i>), camel (<i>Camelops</i>), horse (<i>Equus</i>), mammoth (<i>Mammuthus</i>), mastodon (<i>Mamut</i>), elephant clade (Proboscidea), dire wolf (<i>Canis dirus</i>), Coyote (<i>C. latrans</i>), deer (<i>Odocoileus</i>), dwarf pronghorn (<i>Capromeryx</i>), unidentified artiodactyl; sea duck (<i>Chendytes</i>)	Surface, in creek bed
LACM VP 7508	Near intersection of Vellano Club Dr. and Palmero Dr., Oakcrest Development; N of Serrano Canyon, Chino Hills	Unknown formation (Pleistocene)	Ground sloth (<i>Nothrotheriops</i>); elephant family (Proboscidea); horse (<i>Equus</i>)	Unknown
LACM VP 3347	11204 Bluefield; Whittier	La Habra Formation (lacustrine silt with caliche and plant	Horse (<i>Equus</i>)	2 feet bgs

		detritus)		
	Sundance Condominiums, S of Los Serranos Golf Course	Unknown (Pleistocene)	Horse (<i>Equus</i>)	Unknown
LACM VP 7268				

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

APPENDIX D

EDR REPORT



BNSF Waterline Crossing

Yorba Linda Blvd and Esperanza Rd
Yorba Linda, CA 92887

Inquiry Number: 6873377.2s
February 24, 2022

The EDR Radius Map™ Report with GeoCheck®



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

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (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

YORBA LINDA BLVD AND ESPERANZA RD
YORBA LINDA, CA 92887

COORDINATES

Latitude (North): 33.8763900 - 33° 52' 35.00"
Longitude (West): 117.7532820 - 117° 45' 11.81"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 430333.1
UTM Y (Meters): 3748511.8
Elevation: 376 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	12015935 YORBA LINDA, CA
Version Date:	2018
Northeast Map:	12015909 PRADO DAM, CA
Version Date:	2018
Southeast Map:	12015881 BLACK STAR CANYON, CA
Version Date:	2018
Southwest Map:	12014854 ORANGE, CA
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140515, 20140603
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
YORBA LINDA BLVD AND ESPERANZA RD
YORBA LINDA, CA 92887

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	KRAMER OIL FIELD	ESPERANZA ROAD	CPS-SLIC, CERS	Lower	136, 0.026, WSW
A2	YL ONE LLC AND YL TW	21580 YORBA LINDA BL	RCRA NonGen / NLR	Higher	164, 0.031, NNW
A3	MEDICAL MANAGEMENT I	21540 YORBA LINDA BL	CERS HAZ WASTE, HWTS	Higher	242, 0.046, NNW
A4	MEDICAL MANAGEMENT I	21540 YORBA LINDA BL	RCRA NonGen / NLR	Higher	242, 0.046, NNW
B5	MOBIL OIL 18 DOD	21440 YORBA LINDA BL	EDR Hist Auto	Higher	467, 0.088, NNW
B6	CIRCLE K STORES #943	21440 YORBA LINDA BL	UST	Higher	467, 0.088, NNW
B7	MOBIL	21440 YORBA LINDA BL	SWEEPS UST, CHMIRS	Higher	467, 0.088, NNW
B8	MOBIL #18-DOD	21440 YORBA LINDA	LUST, Cortese, CERS	Higher	467, 0.088, NNW
B9	CIRCLE K STORE #2709	21440 YORBA LINDA BL	RCRA NonGen / NLR	Higher	467, 0.088, NNW
B10	MOBIL	21440 YORBA LINDA BL	UST	Higher	467, 0.088, NNW
B11	MOBIL	21440 YORBA LINDA BL	CERS HAZ WASTE, CERS TANKS, CA FID UST, HIST...	Higher	467, 0.088, NNW
B12	MOBIL OIL	21440 YORBA LINDA	UST	Higher	467, 0.088, NNW
B13	CIRCLE K STORES INC.	21440 YORBA LINDA BL	UST	Higher	467, 0.088, NNW
C14	SMART & FINAL #925	21500 YORBA LINDA BL	RCRA NonGen / NLR	Higher	497, 0.094, NNE
C15	SMART & FINAL #925	21500 YORBA LINDA BL	CERS HAZ WASTE, CERS	Higher	497, 0.094, NNE
16	CLIFF LESTER	8187 E WOODSBORO	RCRA NonGen / NLR	Lower	588, 0.111, SW
D17	WEIR CANYON HONDA	8323 E LA PALMA AVE	RCRA-SQG, CERS HAZ WASTE, SWEEPS UST, CERS TANKS	Lower	680, 0.129, East
D18	WEIR CANYON HONDA	8323 E LA PALMA AVE	UST	Lower	680, 0.129, East
D19	CANYON HONDA	8323 E LA PALMA AVE	UST	Lower	680, 0.129, East
D20	CANYON HONDA	8323 E LA PALMA AVE	CA FID UST	Lower	680, 0.129, East
E21	CANYON CLEANERS	21520 YORBA LINDA BL	CERS HAZ WASTE, DRYCLEANERS, CERS	Higher	728, 0.138, NE
E22	YORBA CANYON CLEANER	21520 YORBA LINDA BL	DRYCLEANERS, HAZNET, HWTS	Higher	728, 0.138, NE
E23	YORBA CANYON CLEANER	21520 YORBA LINDA BL	DRYCLEANERS	Higher	728, 0.138, NE
E24	YORBA CANYON CLEANER	21520 YORBA LINDA BL	DRYCLEANERS	Higher	728, 0.138, NE
25	COLDWELL BANK	21580 NEW RIVER ROAD	RCRA NonGen / NLR	Higher	729, 0.138, NNE
F26	WEIR CANYON HONDA	8323 LA PALMA, EAST	LUST, Cortese	Lower	852, 0.161, ESE
F27	WEIR CANYON ACURA	8375 E LA PALMA AVE	RCRA-SQG, FINDS, ECHO	Lower	854, 0.162, ESE
F28	WEIR CANYON ACURA	8375 E LA PALMA AVE	AST, CERS HAZ WASTE, CERS TANKS, HAZNET, CERS,...	Lower	854, 0.162, ESE
29	SAL LOZANO	5685 AVENIDA BARCELO	RCRA NonGen / NLR	Higher	1120, 0.212, NW
30	MICHAEL PORSCHE	21640 CALLE DELGADO	RCRA NonGen / NLR	Higher	1151, 0.218, NW
31	CRISTINA VILLAMIL	5695 WHITEWATER STRE	RCRA NonGen / NLR	Higher	1221, 0.231, North

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
SEMS..... Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

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

EXECUTIVE SUMMARY

US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE..... State Response Sites

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR..... EnviroStor Database

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Solid Waste Information 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

VCP..... Voluntary Cleanup Program Properties

INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS..... Considered Brownfields 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

US HIST CDL..... Delisted National Clandestine Laboratory Register

EXECUTIVE SUMMARY

HIST Cal-Sites.....	Historical Calsites Database
SCH.....	School Property Evaluation Program
CDL.....	Clandestine Drug Labs
Toxic Pits.....	Toxic Pits Cleanup Act Sites
US CDL.....	National Clandestine Laboratory Register
PFAS.....	PFAS Contamination Site Location Listing
AQUEOUS FOAM.....	Former Fire Training Facility Assessments Listing

Local Lists of Registered Storage Tanks

HIST UST.....	Hazardous Substance Storage Container Database
---------------	--

Local Land Records

LIENS.....	Environmental Liens Listing
LIENS 2.....	CERCLA Lien Information
DEED.....	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS.....	Hazardous Materials Information Reporting System
CHMIRS.....	California Hazardous Material Incident Report System
LDS.....	Land Disposal Sites Listing
MCS.....	Military Cleanup Sites Listing
Orange Co. Industrial Site.....	List of Industrial Site Cleanups
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

EXECUTIVE SUMMARY

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
EMI.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
ICE.....	ICE
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
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)
MINES MRDS.....	Mineral Resources Data System
HWTS.....	Hazardous Waste Tracking System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
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EXECUTIVE SUMMARY

RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

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 09/13/2021 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>WEIR CANYON HONDA</i> EPA ID:: CAD981666365	<i>8323 E LA PALMA AVE</i>	<i>E 1/8 - 1/4 (0.129 mi.)</i>	<i>D17</i>	<i>72</i>
<i>WEIR CANYON ACURA</i> EPA ID:: CAR000012203	<i>8375 E LA PALMA AVE</i>	<i>ESE 1/8 - 1/4 (0.162 mi.)</i>	<i>F27</i>	<i>164</i>

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 2 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>MOBIL #18-DOD</i> Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 12/06/2021 Database: ORANGE CO. LUST, Date of Government Version: 10/08/2021 Facility Status: Remediation Plan	<i>21440 YORBA LINDA</i>	<i>NNW 0 - 1/8 (0.088 mi.)</i>	<i>B8</i>	<i>20</i>

EXECUTIVE SUMMARY

Global Id: T0605902266
 Status: Completed - Case Closed
 Global ID: T0605902266
 Facility Id: 99UT024

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WEIR CANYON HONDA Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 12/06/2021 Facility Status: Leak being confirmed Global Id: T0605904169 Status: Completed - Case Closed Global ID: T0605904169	8323 LA PALMA, EAST	ESE 1/8 - 1/4 (0.161 mi.)	F26	161

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there is 1 CPS-SLIC site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KRAMER OIL FIELD Database: CPS-SLIC, Date of Government Version: 12/06/2021 Facility Status: Completed - Case Closed Global Id: SLT8R0553939	ESPERANZA ROAD	WSW 0 - 1/8 (0.026 mi.)	1	9

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 are 6 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CIRCLE K STORES #943 Database: ORANGE CO. UST, Date of Government Version: 10/29/2021 Facility Id: FA0058830	21440 YORBA LINDA BL	NNW 0 - 1/8 (0.088 mi.)	B6	17
MOBIL Database: UST, Date of Government Version: 12/06/2021 Facility Id: 10918	21440 YORBA LINDA BL	NNW 0 - 1/8 (0.088 mi.)	B10	28
MOBIL OIL Database: ORANGE CO. UST, Date of Government Version: 10/29/2021 Facility Id: FA23990	21440 YORBA LINDA	NNW 0 - 1/8 (0.088 mi.)	B12	60
CIRCLE K STORES INC. Database: UST, Date of Government Version: 12/06/2021	21440 YORBA LINDA BL	NNW 0 - 1/8 (0.088 mi.)	B13	60

EXECUTIVE SUMMARY

Facility Id: FA0058830

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WEIR CANYON HONDA Database: UST, Date of Government Version: 12/06/2021 Facility Id: 30-011-000556	8323 E LA PALMA AVE	E 1/8 - 1/4 (0.129 mi.)	D18	119
CANYON HONDA Database: UST, Date of Government Version: 12/06/2021 Facility Id: 7700	8323 E LA PALMA AVE	E 1/8 - 1/4 (0.129 mi.)	D19	119

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.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WEIR CANYON ACURA Database: AST, Date of Government Version: 07/06/2016	8375 E LA PALMA AVE	ESE 1/8 - 1/4 (0.162 mi.)	F28	167

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

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 10/18/2021 has revealed that there are 6 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MEDICAL MANAGEMENT I	21540 YORBA LINDA BL	NNW 0 - 1/8 (0.046 mi.)	A3	12
MOBIL	21440 YORBA LINDA BL	NNW 0 - 1/8 (0.088 mi.)	B11	29
SMART & FINAL #925	21500 YORBA LINDA BL	NNE 0 - 1/8 (0.094 mi.)	C15	63
CANYON CLEANERS	21520 YORBA LINDA BL	NE 1/8 - 1/4 (0.138 mi.)	E21	120
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WEIR CANYON HONDA	8323 E LA PALMA AVE	E 1/8 - 1/4 (0.129 mi.)	D17	72
WEIR CANYON ACURA	8375 E LA PALMA AVE	ESE 1/8 - 1/4 (0.162 mi.)	F28	167

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

EXECUTIVE SUMMARY

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 2 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MOBIL Status: A Tank Status: A Comp Number: 10918	21440 YORBA LINDA BL	NNW 0 - 1/8 (0.088 mi.)	B7	17

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WEIR CANYON HONDA Status: A Tank Status: A Comp Number: 7700	8323 E LA PALMA AVE	E 1/8 - 1/4 (0.129 mi.)	D17	72

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 10/18/2021 has revealed that there are 3 CERS TANKS sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MOBIL	21440 YORBA LINDA BL	NNW 0 - 1/8 (0.088 mi.)	B11	29
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WEIR CANYON HONDA	8323 E LA PALMA AVE	E 1/8 - 1/4 (0.129 mi.)	D17	72
WEIR CANYON ACURA	8375 E LA PALMA AVE	ESE 1/8 - 1/4 (0.162 mi.)	F28	167

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MOBIL Facility Id: 30003956 Status: A	21440 YORBA LINDA BL	NNW 0 - 1/8 (0.088 mi.)	B11	29
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CANYON HONDA Facility Id: 30006995 Status: A	8323 E LA PALMA AVE	E 1/8 - 1/4 (0.129 mi.)	D20	119

EXECUTIVE SUMMARY

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 09/13/2021 has revealed that there are 9 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
YL ONE LLC AND YL TW EPA ID:: CAC003059069	21580 YORBA LINDA BL	NNW 0 - 1/8 (0.031 mi.)	A2	9
MEDICAL MANAGEMENT I CIRCLE K STORE #2709 EPA ID:: CAL000369637	21540 YORBA LINDA BL 21440 YORBA LINDA BL	NNW 0 - 1/8 (0.046 mi.) NNW 0 - 1/8 (0.088 mi.)	A4 B9	14 26
SMART & FINAL #925 EPA ID:: CAL000415824	21500 YORBA LINDA BL	NNE 0 - 1/8 (0.094 mi.)	C14	60
COLDWELL BANK EPA ID:: CAC002992865	21580 NEW RIVER ROAD	NNE 1/8 - 1/4 (0.138 mi.)	25	158
SAL LOZANO MICHAEL PORSCHE CRISTINA VILLAMIL EPA ID:: CAC003021292	5685 AVENIDA BARCELO 21640 CALLE DELGADO 5695 WHITEWATER STRE	NW 1/8 - 1/4 (0.212 mi.) NW 1/8 - 1/4 (0.218 mi.) N 1/8 - 1/4 (0.231 mi.)	29 30 31	194 197 199
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CLIFF LESTER	8187 E WOODSBORO	SW 0 - 1/8 (0.111 mi.)	16	70

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 09/20/2021 has revealed that there are 2 Cortese sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MOBIL #18-DOD Cleanup Status: COMPLETED - CASE CLOSED	21440 YORBA LINDA	NNW 0 - 1/8 (0.088 mi.)	B8	20
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WEIR CANYON HONDA Cleanup Status: COMPLETED - CASE CLOSED	8323 LA PALMA, EAST	ESE 1/8 - 1/4 (0.161 mi.)	F26	161

EXECUTIVE SUMMARY

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, has revealed that there are 4 DRYCLEANERS sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CANYON CLEANERS Database: DRYCLEAN SOUTH COAST, Date of Government Version: 11/17/2021	21520 YORBA LINDA BL	NE 1/8 - 1/4 (0.138 mi.)	E21	120
YORBA CANYON CLEANER Database: DRYCLEAN SOUTH COAST, Date of Government Version: 11/17/2021	21520 YORBA LINDA BL	NE 1/8 - 1/4 (0.138 mi.)	E22	127
YORBA CANYON CLEANER Database: DRYCLEANERS, Date of Government Version: 08/27/2021 EPA Id: CAL000218383	21520 YORBA LINDA BL	NE 1/8 - 1/4 (0.138 mi.)	E23	157
YORBA CANYON CLEANER Database: DRYCLEAN SOUTH COAST, Date of Government Version: 11/17/2021	21520 YORBA LINDA BL	NE 1/8 - 1/4 (0.138 mi.)	E24	157

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 is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MOBIL Reg Id: 083003425T	21440 YORBA LINDA BL	NNW 0 - 1/8 (0.088 mi.)	B11	29

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MOBIL OIL 18 DOD	21440 YORBA LINDA BL	NNW 0 - 1/8 (0.088 mi.)	B5	17

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.






Site Name

CALIFORNIA CLEANERS
ONE HOUR CLEANERS
KRAMER OIL FIELD








Database(s)

DRYCLEANERS
DRYCLEANERS
CPS-SLIC

[illegible]

-  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

A number line representing a distance of 1 mile. The line is marked at 0, $\frac{1}{4}$, $\frac{1}{2}$, and 1 Miles. The segment from 0 to $\frac{1}{4}$ is shaded yellow, and the segment from $\frac{1}{4}$ to $\frac{1}{2}$ is shaded black.

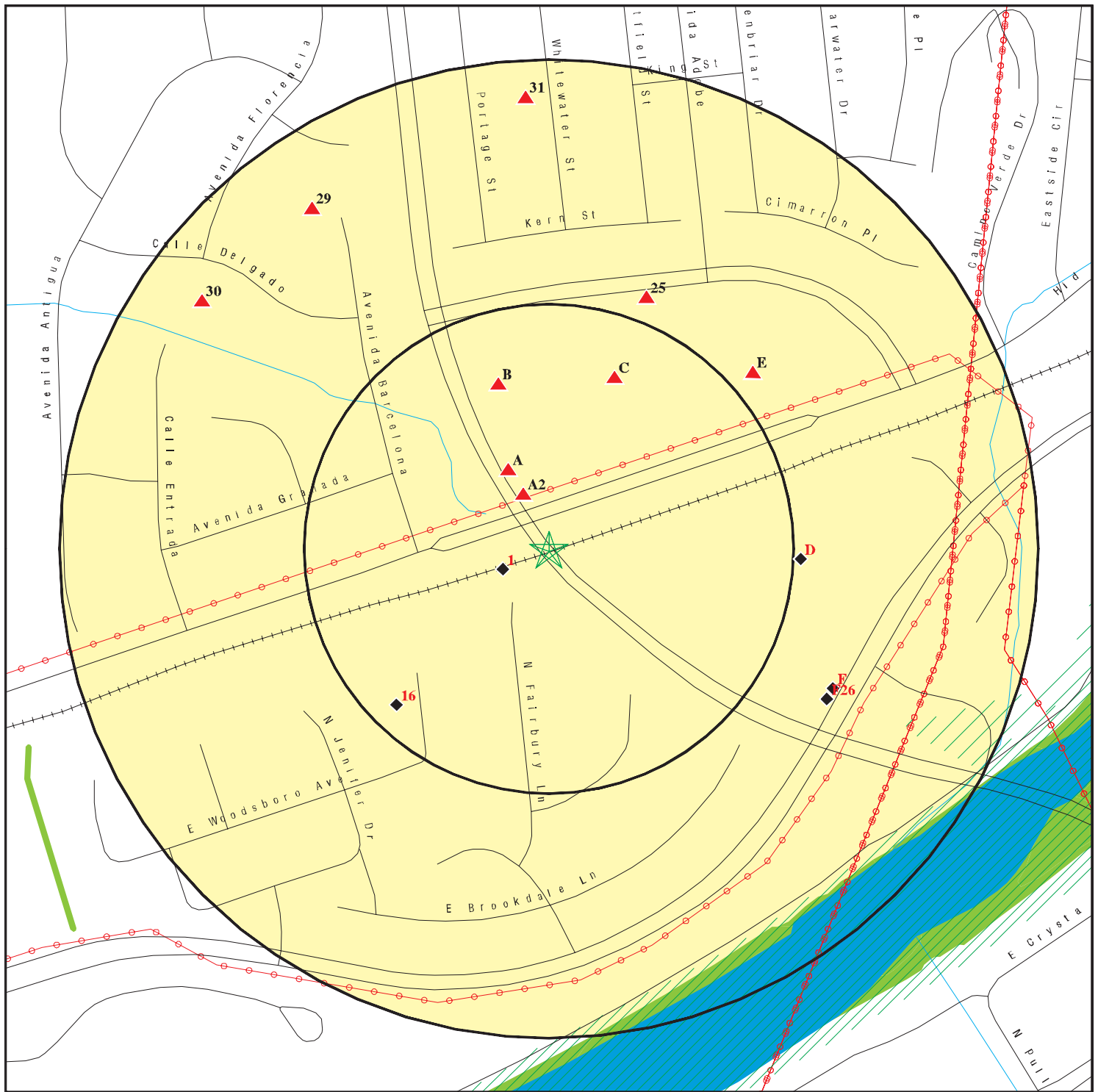
-  Indian Reservations BIA
  Power transmission lines
  Special Flood Hazard Area (1%)
  0.2% Annual Chance Flood Hazard
  National Wetland Inventory
  State Wetlands
  Areas of Concern

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: BNSF Waterline Crossing
ADDRESS: Yorba Linda Blvd and Esperanza Rd
 Yorba Linda CA 92887
LAT/LONG: 33.87639 / 117.753282

CLIENT: Psomas
CONTACT: Megan Larum
INQUIRY #: 6873377.2s
DATE: February 24, 2022 2:22 pm

DETAIL MAP - 6873377.2S



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

⚙ Manufactured Gas Plants

⚠ Sensitive Receptors

🚚 National Priority List Sites

🏢 Dept. Defense Sites

🏠 Indian Reservations BIA

⚡ Power transmission lines

🌊 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: BNSF Waterline Crossing
ADDRESS: Yorba Linda Blvd and Esperanza Rd
Yorba Linda CA 92887
LAT/LONG: 33.87639 / 117.753282

CLIENT: Psomas
CONTACT: Megan Larum
INQUIRY #: 6873377.2s
DATE: February 24, 2022 2:25 pm

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								
<i>Lists of Federal NPL (Superfund) sites</i>								
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
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	2	NR	NR	NR	2
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
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
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal (Superfund) equivalent sites</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
ENVIROSTOR	1.000		0	0	0	0	NR	0
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	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
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	0.500		1	1	0	NR	NR	2
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		1	0	0	NR	NR	1
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		4	2	NR	NR	NR	6
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
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
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		3	3	NR	NR	NR	6
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
SWEEPS UST	0.250		1	1	NR	NR	NR	2
HIST UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		1	2	NR	NR	NR	3

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		1	1	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	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
Orange Co. Industrial Site	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	4	NR	NR	NR	9
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	1	0	NR	NR	2
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	4	NR	NR	NR	4
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		1	0	0	NR	NR	1
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
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
MINES MRDS	TP		NR	NR	NR	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
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

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	20	22	0	0	0	42

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

1
WSW
< 1/8
0.026 mi.
136 ft.

KRAMER OIL FIELD
ESPERANZA ROAD
YORBA LINDA, CA

CPS-SLIC
CERS
S106486925
N/A

Relative:
Lower

CPS-SLIC:

Actual:
367 ft.

Name: KRAMER OIL FIELD
Address: ESPERANZA ROAD
City,State,Zip: YORBA LINDA, CA
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 01/14/1990
Global Id: SLT8R0553939
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 33.876239
Longitude: -117.753691
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: SLT8R055
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

CERS:

Name: KRAMER OIL FIELD
Address: ESPERANZA ROAD
City,State,Zip: YORBA LINDA, CA
Site ID: 259789
CERS ID: SLT8R0553939
CERS Description: Cleanup Program Site

A2
NNW
< 1/8
0.031 mi.
164 ft.

YL ONE LLC AND YL TWO LLC
21580 YORBA LINDA BLVD
YORBA LINDA, CA 92887

RCRA NonGen / NLR
1026052176
CAC003059069

Site 1 of 3 in cluster A

Relative:
Higher
Actual:
382 ft.

RCRA NonGen / NLR:

Date Form Received by Agency: 20200306
Handler Name: YL ONE LLC AND YL TWO LLC
Handler Address: 21580 YORBA LINDA BLVD
Handler City,State,Zip: YORBA LINDA, CA 92887
EPA ID: CAC003059069
Contact Name: C/O ESSEX REALTY
Contact Address: 18012 SKY PARK CIR
Contact City,State,Zip: IRVINE, CA 92614
Contact Telephone: 949-553-5133
Contact Fax: Not reported
Contact Email: TCARLSON@ESSEXREALTY.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YL ONE LLC AND YL TWO LLC (Continued)

1026052176

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:	18012 SKY PARK CIR
Mailing City,State,Zip:	IRVINE, CA 92614
Owner Name:	YL ONE LLC AND YL TWO LLC
Owner Type:	Other
Operator Name:	C/O ESSEX REALTY
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YL ONE LLC AND YL TWO LLC (Continued)

1026052176

Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20200313
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: YL ONE LLC AND YL TWO LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 21580 YORBA LINDA BLVD
Owner/Operator City,State,Zip: YORBA LINDA, CA 92887
Owner/Operator Telephone: 949-553-5133
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: C/O ESSEX REALTY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 18012 SKY PARK CIR
Owner/Operator City,State,Zip: IRVINE, CA 92614
Owner/Operator Telephone: 949-553-5133
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200306
Handler Name: YL ONE LLC AND YL TWO 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: 56111
NAICS Description: OFFICE ADMINISTRATIVE SERVICES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YL ONE LLC AND YL TWO LLC (Continued)

1026052176

Facility Has Received Notices of Violations:

Violations:

No Violations Found

Evaluation Action Summary:

Evaluations:

No Evaluations Found

A3
NNW
< 1/8
0.046 mi.
242 ft.

MEDICAL MANAGEMENT INTL INC DBA BANFIELD PET HOSPI
21540 YORBA LINDA BLVD UNIT C2
YORBA LINDA, CA 92887

CERS HAZ WASTE
HWTS

S127124781
N/A

Site 2 of 3 in cluster A

Relative:
Higher
Actual:
381 ft.

CERS HAZ WASTE:

Name: BANFIELD PET HOSPITAL #5266
Address: 21540 YORBA LINDA BLVD UNIT C2
City,State,Zip: YORBA LINDA, CA 92887
Site ID: 572748
CERS ID: 10865842
CERS Description: Hazardous Waste Generator

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: Orange County Env Health
Entity Title: Not reported
Affiliation Address: 1241 East Dyer RoadSuite 120
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92705-5611
Affiliation Phone: (714) 433-6406,

Affiliation Type Desc: Identification Signer
Entity Name: Samantha Wolf-Saxon
Entity Title: Manager, HSE
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: Medical Management Intl Inc DBA Banfield Pet Hospital
Entity Title: Not reported
Affiliation Address: PO Box 87586
Affiliation City: Vancouver
Affiliation State: WA
Affiliation Country: United States
Affiliation Zip: 98687
Affiliation Phone: (866) 894-7927,

Affiliation Type Desc: Parent Corporation
Entity Name: Banfield Pet Hospital #5266
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEDICAL MANAGEMENT INTL INC DBA BANFIELD PET HOSPITAL #5266 (Continued)

S127124781

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Samantha Wolf-Saxon
Entity Title: Not reported
Affiliation Address: PO Box 87586
Affiliation City: Vancouver
Affiliation State: WA
Affiliation Country: Not reported
Affiliation Zip: 98687
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Samantha Wolf-Saxon
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: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 21540 Yorba Linda Blvd Unit C2
Affiliation City: Yorba Linda
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92887
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Banfield Pet Hospital #5266
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: (714) 701-9561,

HWTS:

Name: MEDICAL MANAGEMENT INTL INC DBA BANFIELD PET HOSPITAL #5266
Address: 21540 YORBA LINDA BLVD UNIT C2
Address 2: Not reported
City,State,Zip: YORBA LINDA, CA 92887
EPA ID: CAL000459428
Inactive Date: Not reported
Create Date: 01/13/2021
Last Act Date: 01/13/2021
Mailing Name: Not reported
Mailing Address: PO BOX 87586

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEDICAL MANAGEMENT INTL INC DBA BANFIELD PET HOSPITAL #5266 (Continued)

S127124781

Mailing Address 2:	Not reported
Mailing City,State,Zip:	VANCOUVER, WA 98687
Owner Name:	MEDICAL MANAGEMENT INTL INC
Owner Address:	PO BOX 87586
Owner Address 2:	Not reported
Owner City,State,Zip:	VANCOUVER, WA 98687
Contact Name:	SAMANTHA WOLF-SAXON SR SPECIALIST HSE
Contact Address:	PO BOX 87586
Contact Address 2:	Not reported
City,State,Zip:	VANCOUVER, WA 98687
NAICS:	
EPA ID:	CAL000459428
Create Date:	2021-01-13 14:28:01.197
NAICS Code:	541940
NAICS Description:	Veterinary Services
Issued EPA ID Date:	2021-01-13 14:28:01.18300
Inactive Date:	Not reported
Facility Name:	MEDICAL MANAGEMENT INTL INC DBA BANFIELD PET HOSPITAL #5266
Facility Address:	21540 YORBA LINDA BLVD UNIT C2
Facility Address 2:	Not reported
Facility City:	YORBA LINDA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	92887

A4
NNW
< 1/8
0.046 mi.
242 ft.

MEDICAL MANAGEMENT INTL INC DBA BANFIELD PET HOSPI
21540 YORBA LINDA BLVD UNIT C2
YORBA LINDA, CA 92887

RCRA NonGen / NLR **1026722363**
CAL000459428

Site 3 of 3 in cluster A

Relative:
Higher
Actual:
381 ft.

RCRA NonGen / NLR:	
Date Form Received by Agency:	20210113
Handler Name:	MEDICAL MANAGEMENT INTL INC DBA BANFIELD PET HOSPITAL #5266
Handler Address:	21540 YORBA LINDA BLVD UNIT C2
Handler City,State,Zip:	YORBA LINDA, CA 92887
EPA ID:	CAL000459428
Contact Name:	SAMANTHA WOLF-SAXON SR SPECIALIST HSE
Contact Address:	PO BOX 87586
Contact City,State,Zip:	VANCOUVER, WA 98687
Contact Telephone:	360-544-5217
Contact Fax:	360-208-9820
Contact Email:	HSE@BANFIELD.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:	PO BOX 87586
Mailing City,State,Zip:	VANCOUVER, WA 98687
Owner Name:	MEDICAL MANAGEMENT INTL INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEDICAL MANAGEMENT INTL INC DBA BANFIELD PET HOSPITAL #5266 (Continued)

1026722363

Owner Type:	Other
Operator Name:	SAMANTHA WOLF-SAXON SR SPECIALIST HSE
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MEDICAL MANAGEMENT INTL INC DBA BANFIELD PET HOSPITAL #5266 (Continued)

1026722363

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MEDICAL MANAGEMENT INTL INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 87586
Owner/Operator City,State,Zip:	VANCOUVER, WA 98687
Owner/Operator Telephone:	360-544-5217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAMANTHA WOLF-SAXON SR SPECIALIST HSE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 87586
Owner/Operator City,State,Zip:	VANCOUVER, WA 98687
Owner/Operator Telephone:	360-544-5217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210113
Handler Name:	MEDICAL MANAGEMENT INTL INC DBA BANFIELD PET HOSPITAL #5266
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:	541940
NAICS Description:	VETERINARY SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B5
NNW
< 1/8
0.088 mi.
467 ft.

MOBIL OIL 18 DOD
21440 YORBA LINDA BLVD
YORBA LINDA, CA 92687

EDR Hist Auto **1021686159**
N/A

Site 1 of 9 in cluster B

Relative: EDR Hist Auto
Higher

Actual:
382 ft.

Year:	Name:	Type:
1995	MOBIL OIL 18 DOD	Gasoline Service Stations
1996	MOBIL OIL 18 DOD	Gasoline Service Stations
1997	MOBIL OIL 18 DOD	Gasoline Service Stations
1998	MOBIL OIL 18 DOD	Gasoline Service Stations
1999	MOBIL OIL 18 DOD	Gasoline Service Stations
2000	MOBIL OIL 18 DOD	Gasoline Service Stations
2001	MOBIL OIL 18 DOD	Gasoline Service Stations
2002	MOBIL OIL 18 DOD	Gasoline Service Stations
2003	MOBIL OIL 18 DOD	Gasoline Service Stations
2004	MOBIL OIL 18 DOD	Gasoline Service Stations
2005	MOBIL OIL 18 DOD	Gasoline Service Stations, NEC
2006	MOBIL OIL 18 DOD	Gasoline Service Stations, NEC
2007	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2008	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2009	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2010	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2011	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC
2014	EXXON MOBIL CORPORATION	Gasoline Service Stations, NEC

B6
NNW
< 1/8
0.088 mi.
467 ft.

CIRCLE K STORES #9434
21440 YORBA LINDA BLVD
YORBA LINDA, CA 92887

UST **U004021627**
N/A

Site 2 of 9 in cluster B

Relative: ORANGE CO. UST:
Higher

Actual:
382 ft.

Name: CIRCLE K STORES #9434
Address: 21440 YORBA LINDA BLVD
City,State,Zip: YORBA LINDA, CA 92887
Facility ID: FA0058830
Notes: Not reported

B7
NNW
< 1/8
0.088 mi.
467 ft.

MOBIL
21440 YORBA LINDA BLVD
YORBA LINDA, CA 92686

SWEEPS UST **U003984148**
CHMIRS **N/A**

Site 3 of 9 in cluster B

Relative: SWEEPS UST:
Higher

Actual:
382 ft.

Name: MOBIL
Address: 21440 YORBA LINDA BLVD
City: YORBA LINDA
Status: Active
Comp Number: 10918
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U003984148

Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-010918-000001
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 4

Name: MOBIL
Address: 21440 YORBA LINDA BLVD
City: YORBA LINDA
Status: Active
Comp Number: 10918
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-010918-000002
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: MOBIL
Address: 21440 YORBA LINDA BLVD
City: YORBA LINDA
Status: Active
Comp Number: 10918
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-010918-000003
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: MOBIL
Address: 21440 YORBA LINDA BLVD
City: YORBA LINDA
Status: Active
Comp Number: 10918
Number: 9
Board Of Equalization: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U003984148

Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-010918-000004
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CHMIRS:

Name: Not reported
Address: 21440 YORBA LINDA BLVD
City,State,Zip: YORBA LINDA, CA
OES Incident Number: 5-2845
OES notification: 05/13/2005
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: Not reported
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Unknown
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U003984148

Agency: Veeder Root
Incident Date: 5/13/2005 12:00:00 AM
Admin Agency: Orange County Emergency Management Div
Amount: Not reported
Contained: Yes
Site Type: Service Station
E Date: Not reported
Substance: Gasoline
Gallons: 0.000000
Quarts: 2
Unknown: 0
Substance #2: Not reported
Substance #3: Not reported
Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0
#1 Pipeline: Not reported
#2 Pipeline: Not reported
#3 Pipeline: Not reported
#1 Vessel >= 300 Tons: Not reported
#2 Vessel >= 300 Tons: Not reported
#3 Vessel >= 300 Tons: Not reported
Evacs: Not reported
Injuries: Not reported
Fataals: Not reported
Comments: Not reported
Description: The auto shut off failed.

B8
NNW
< 1/8
0.088 mi.
467 ft.

MOBIL #18-DOD
21440 YORBA LINDA
YORBA LINDA, CA 92887
Site 4 of 9 in cluster B

LUST **S103947430**
Cortese **N/A**
CERS

Relative:
Higher
Actual:
382 ft.

LUST:
Name: MOBIL #18-DOD
Address: 21440 YORBA LINDA
City,State,Zip: YORBA LINDA, CA 92887
Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605902266
Global Id: T0605902266
Latitude: 33.877510216
Longitude: -117.753713748
Status: Completed - Case Closed
Status Date: 12/01/2014
Case Worker: JW
RB Case Number: 083003425T
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 99UT024
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Please refer to recent Site Documents or Monitoring Reports in GeoTracker for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL #18-DOD (Continued)

S103947430

LUST:

Global Id: T0605902266
Contact Type: Local Agency Caseworker
Contact Name: JULIE WOZENCRAFT
Organization Name: ORANGE COUNTY LOP
Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA
Email: jwozencraft@ochca.com
Phone Number: 7144336252

Global Id: T0605902266
Contact Type: Regional Board Caseworker
Contact Name: ROSE SCOTT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: rose.scott@waterboards.ca.gov
Phone Number: 9513206375

LUST:

Global Id: T0605902266
Action Type: Other
Date: 03/12/1999
Action: Leak Discovery

Global Id: T0605902266
Action Type: ENFORCEMENT
Date: 06/16/2003
Action: Staff Letter

Global Id: T0605902266
Action Type: ENFORCEMENT
Date: 04/24/2007
Action: Staff Letter

Global Id: T0605902266
Action Type: ENFORCEMENT
Date: 01/24/2007
Action: Staff Letter

Global Id: T0605902266
Action Type: ENFORCEMENT
Date: 01/07/2008
Action: Staff Letter

Global Id: T0605902266
Action Type: ENFORCEMENT
Date: 04/25/2007
Action: Staff Letter

Global Id: T0605902266
Action Type: ENFORCEMENT
Date: 11/28/2006
Action: Staff Letter

Global Id: T0605902266

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL #18-DOD (Continued)

S103947430

Action Type:	ENFORCEMENT
Date:	07/09/2009
Action:	Staff Letter
Global Id:	T0605902266
Action Type:	ENFORCEMENT
Date:	08/28/2013
Action:	Staff Letter
Global Id:	T0605902266
Action Type:	ENFORCEMENT
Date:	10/06/2014
Action:	Notification - Preclosure
Global Id:	T0605902266
Action Type:	ENFORCEMENT
Date:	08/05/2014
Action:	Notification - Public Notice of Case Closure
Global Id:	T0605902266
Action Type:	ENFORCEMENT
Date:	12/01/2014
Action:	Closure/No Further Action Letter
Global Id:	T0605902266
Action Type:	ENFORCEMENT
Date:	08/05/2014
Action:	Notification - Public Participation Document
Global Id:	T0605902266
Action Type:	RESPONSE
Date:	01/30/2013
Action:	Request for Closure - Regulator Responded
Global Id:	T0605902266
Action Type:	REMEDIATION
Date:	03/12/1999
Action:	Not reported
Global Id:	T0605902266
Action Type:	REMEDIATION
Date:	10/25/2005
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0605902266
Action Type:	ENFORCEMENT
Date:	08/05/2014
Action:	Notification - Public Notice of Case Closure
Global Id:	T0605902266
Action Type:	Other
Date:	03/12/1999
Action:	Leak Reported
Global Id:	T0605902266
Action Type:	ENFORCEMENT
Date:	08/05/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL #18-DOD (Continued)

S103947430

Action: Notification - Public Notice of Case Closure

Global Id: T0605902266
Action Type: ENFORCEMENT
Date: 03/09/2011
Action: File review

Global Id: T0605902266
Action Type: Other
Date: 03/12/1999
Action: Leak Stopped

Global Id: T0605902266
Action Type: ENFORCEMENT
Date: 12/29/2009
Action: Staff Letter

LUST:

Global Id: T0605902266
Status: Open - Case Begin Date
Status Date: 03/12/1999

Global Id: T0605902266
Status: Open - Site Assessment
Status Date: 10/28/1999

Global Id: T0605902266
Status: Open - Site Assessment
Status Date: 11/27/1999

Global Id: T0605902266
Status: Open - Remediation
Status Date: 04/30/2003

Global Id: T0605902266
Status: Open - Remediation
Status Date: 10/25/2005

Global Id: T0605902266
Status: Open - Eligible for Closure
Status Date: 04/01/2013

Global Id: T0605902266
Status: Completed - Case Closed
Status Date: 12/01/2014

LUST REG 8:

Name:	MOBIL #18-DOD
Address:	21440 YORBA LINDA
City:	YORBA LINDA
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Remediation Plan
Case Number:	083003425T

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL #18-DOD (Continued)

S103947430

Local Case Num:	99UT024
Case Type:	Other ground water affected
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	SEL
Funding:	Not reported
How Discovered:	UM
How Stopped:	Other Means
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605902266
How Stopped Date:	3/12/1999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	10/28/1999
Discover Date:	3/12/1999
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	11/27/1999
Date Remediation Plan Submitted:	4/30/2003
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	=
Soil Qualifies:	=
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.87751022
Longitude:	-117.7537137
MTBE Date:	1/10/2002
Max MTBE GW:	97000
MTBE Concentration:	0
Max MTBE Soil:	37.2
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	RS
Staff Initials:	AD
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

ORANGE CO. LUST:

Name:	MOBIL #18-DOD
Address:	21440 YORBA LINDA BLVD
City,State,Zip:	YORBA LINDA, CA 92887
Region:	ORANGE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL #18-DOD (Continued)

S103947430

Facility Id: 99UT024
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 12/01/2014
Record ID: RO0001665

CORTESE:

Name: MOBIL #18-DOD
Address: 21440 YORBA LINDA
City,State,Zip: YORBA LINDA, CA 92887
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0605902266
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

CERS:

Name: MOBIL #18-DOD
Address: 21440 YORBA LINDA
City,State,Zip: YORBA LINDA, CA 92887
Site ID: 189746
CERS ID: T0605902266
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9513206375,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JULIE WOZENCRAFT - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 EAST DYER ROAD SUITE 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL #18-DOD (Continued)

S103947430

Affiliation Zip: Not reported
Affiliation Phone: 7144336252,

B9
NNW
< 1/8
0.088 mi.
467 ft.

CIRCLE K STORE #2709434
21440 YORBA LINDA BLVD
YORBA LINDA, CA 92887

RCRA NonGen / NLR

1024831993
CAL000369637

Site 5 of 9 in cluster B

Relative:
Higher

Actual:
382 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20111205
Handler Name: CIRCLE K STORE #2709434
Handler Address: 21440 YORBA LINDA BLVD
Handler City,State,Zip: YORBA LINDA, CA 92887
EPA ID: CAL000369637
Contact Name: KRISTI HODGE
Contact Address: 255 E. RINCON ST. SUITE 100
Contact City,State,Zip: CORONA, CA 92879
Contact Telephone: 951-270-5153
Contact Fax: 951-270-5116
Contact Email: KHODGE@CIRCLEK.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: 255 E RINCON ST STE 100
Mailing City,State,Zip: CORONA, CA 92879-0000
Owner Name: CIRCLE K STORES INC
Owner Type: Other
Operator Name: KRISTI HODGE
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K STORE #2709434 (Continued)

1024831993

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 TSD 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
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CIRCLE K STORES INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	255 E RINCON ST STE 100
Owner/Operator City,State,Zip:	CORONA, CA 92879-0000
Owner/Operator Telephone:	951-270-5153
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KRISTI HODGE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	255 E. RINCON ST. SUITE 100
Owner/Operator City,State,Zip:	CORONA, CA 92879

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K STORE #2709434 (Continued)

1024831993

Owner/Operator Telephone: 951-270-5153
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20111205
Handler Name: CIRCLE K STORE #2709434
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: 44719
NAICS Description: OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

B10
NNW
< 1/8
0.088 mi.
467 ft.

MOBIL
21440 YORBA LINDA BLVD
YORBA LINDA, CA 92887
Site 6 of 9 in cluster B

UST U004343956
N/A

Relative:
Higher
Actual:
382 ft.

UST:
Name: MOBIL
Address: 21440 YORBA LINDA BLVD
City,State,Zip: YORBA LINDA, CA 92887
Facility ID: 10918
Permitting Agency: ORANGE COUNTY
CERSID: Not reported
Latitude: 33.878967
Longitude: -117.752382

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B11
NNW
< 1/8
0.088 mi.
467 ft.

MOBIL
21440 YORBA LINDA BLVD
YORBA LINDA, CA 92686

Site 7 of 9 in cluster B

CERS HAZ WASTE
CERS TANKS
CA FID UST
HIST CORTESE
CERS

U001742916
N/A

Relative:
Higher

CERS HAZ WASTE:

Actual:
382 ft.

Name: CIRCLE K STORES INC. SITE #2709434
Address: 21440 YORBA LINDA BLVD
City,State,Zip: YORBA LINDA, CA 92887
Site ID: 105670
CERS ID: 10166789
CERS Description: Hazardous Waste Generator

CERS TANKS:

Name: CIRCLE K STORES INC. SITE #2709434
Address: 21440 YORBA LINDA BLVD
City,State,Zip: YORBA LINDA, CA 92887
Site ID: 105670
CERS ID: 10166789
CERS Description: Underground Storage Tank

CA FID UST:

Facility ID: 30003956
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7038495862
Mail To: Not reported
Mailing Address: 3225 GALLOWES RD ATTN: EAR
Mailing Address 2: Not reported
Mailing City,St,Zip: YORBA LINDA 92686
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST CORTESE:

edr_fname: MOBIL #18-DOD
edr_fadd1: 21440
City,State,Zip: YORBA LINDA, CA 92886
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083003425T

CERS:

Name: CIRCLE K STORES INC. SITE #2709434
Address: 21440 YORBA LINDA BLVD
City,State,Zip: YORBA LINDA, CA 92887
Site ID: 105670
CERS ID: 10166789
CERS Description: Chemical Storage Facilities

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Violations:

Site ID: 105670
Site Name: Circle K Stores Inc. Site #2709434
Violation Date: 08-22-2013
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665

Violation Description: Failure of the overfill prevention system to meet one of the following requirements: 1. Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or 2. Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or 4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.

Violation Notes: Returned to compliance on 08/22/2013. The light bulb for the overfill prevention alarm was not operational on arrival. The light bulb was replaced, retested and passed. No further action is required to abate this violation.

Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 105670
Site Name: Circle K Stores Inc. Site #2709434
Violation Date: 05-08-2015
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)

Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.

Violation Notes: Returned to compliance on 06/15/2015. Tank forms and monitoring plan reviewed on CERS. Submit corrected forms electronically within 30 days.

Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 105670
Site Name: Circle K Stores Inc. Site #2709434
Violation Date: 07-20-2017
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 11/10/2017. C02 has not been disclosed but was noted stored on site above threshold amounts. Add this material to your CERS chemical inventory within 30 days.

Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 105670
Site Name: Circle K Stores Inc. Site #2709434

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Violation Date: 11-30-2016
Citation: HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)
Violation Description: Failure to maintain secondary containment (e.g. failure of secondary containment testing).
Violation Notes: Returned to compliance on 07/06/2017. The following components failed secondary containment testing: Piping sump = 87 master, diesel UDC = 11/12 Fill sump = 91 Make all necessary repairs and submit passing test report or submit plans for repair to this Agency within 30 days.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 105670
Site Name: Circle K Stores Inc. Site #2709434
Violation Date: 08-11-2015
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description: Failure to submit a complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes: Returned to compliance on 08/26/2015. Monitoring plans incorrectly list sensor model information.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 105670
Site Name: Circle K Stores Inc. Site #2709434
Violation Date: 08-23-2018
Citation: 23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)
Violation Description: Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes: Monitoring system, leak detector and spill bucket test reports for testing conducted on 7/12/18 have not been received by this Agency.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 105670
Site Name: Circle K Stores Inc. Site #2709434
Violation Date: 07-18-2019
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: CERS corrections are still needed.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 105670
Site Name: Circle K Stores Inc. Site #2709434
Violation Date: 08-04-2015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712

Violation Description: Failure to obtain permit to install, replace, repair, or modify part of the UST system containment or leak detection equipment.

Violation Notes: Returned to compliance on 08/11/2015. A work order dated 7/12/15 indicated sensor replacement for L6 (UDC 11/12). Model 352 sensor was replaced with a 208 sensor. This sensor replacement requires plan check and an update to the monitoring plan in CERS. Please submit a plan check for the sensor replacement and make the required updates to CERS within 10 business days of receipt of this report. The sensor was tested during this inspection and will not require another final inspection.

Violation Division: Orange County Environmental Health

Violation Program: UST

Violation Source: CERS,

Site ID: 105670

Site Name: Circle K Stores Inc. Site #2709434

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 03/29/2016.

Violation Division: Orange County Environmental Health

Violation Program: HMRRP

Violation Source: CERS,

Site ID: 105670

Site Name: Circle K Stores Inc. Site #2709434

Violation Date: 07-20-2017

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 11/21/2017. Employee Gabriel Hernandez was hired on 1/1/17 and has not yet received initial emergency plan training. In addition, employees Justin Hernandez (hired on 3/13/17) and Salwa Garas (hired on 9/1/16) did not receive training within the required timeframe. Both employees received training on 7/11/17, three to nine months past the required training deadline. Immediately conduct training for Gabriel and send a copy of the training log documenting his training to this Agency within 30 days. In the future, ensure all employees receive training within required timeframes.

Violation Division: Orange County Environmental Health

Violation Program: HMRRP

Violation Source: CERS,

Site ID: 105670

Site Name: Circle K Stores Inc. Site #2709434

Violation Date: 07-20-2017

Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)

Violation Description: Failure to have a UST Monitoring Plan available on site.

Violation Notes: Returned to compliance on 11/10/2017. Monitoring plan on site is dated

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

8/19/15 and is outdated. Facility has replaced discriminating sensors with model 208 sensors. Update all monitoring plans on CERS and place a current copy on site within 30 days.

Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 105670
Site Name: Circle K Stores Inc. Site #2709434
Violation Date: 05-08-2015
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 06/15/2015. Facility has submitted inaccurate forms. Submit corrected forms electronically within 30 days.

Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 105670
Site Name: Circle K Stores Inc. Site #2709434
Violation Date: 07-20-2017
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description: Failure to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).
Violation Notes: Returned to compliance on 11/21/2017. Employee Gabriel Hernandez was hired on 1/1/17 and has not yet received UST training. In addition, employees Justin Hernandez (hired on 3/13/17) and Salwa Garas (hired on 9/1/16) did not receive training within the required timeframe. Both employees received training on 7/11/17, three to nine months past the required training deadline. The designated operator reports repeatedly noted training for these employees was due. Immediately conduct training for Gabriel and send a copy of the training log documenting his training to this Agency within 30 days. In the future, ensure all employees receive training within required timeframes.

Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 105670
Site Name: Circle K Stores Inc. Site #2709434
Violation Date: 08-11-2015
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description: Failure to obtain and maintain a valid operation permit from the CUPA.
Violation Notes: Returned to compliance on 08/26/2015. Tank page submitted electronically for tank 3 is incorrect. This tank contains diesel fuel.

Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 02-17-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received an email from Robert Velasco of A&S Engineering. Submitted a revised scope of work. The following changes were made: - convert the existing 91 ust to diesel (not the existing 89) - convert the existing 89 tank to 91 Plan modification was approved and an email confirming he approval was sent to Robert.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-24-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site for a primary vent line inspection for the diesel tank. The vent line was pressured to over 5 psi for 30 minutes. All joints were soaped with no leaks observed. The diesel tank turbine sump and vent line transition sump were lake tested with water filled past the vent line penetrations for 30 minutes with no leaks observed. A secondary line inspection is scheduled with this agency.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-18-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Facility has not complied with the requirement to submit the Hazardous Materials and Business Emergency Plan annually. Electronic submittal was due by March 1, 2016. Submit electronic documents within 30 days.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-01-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received email from Vesta Slayman, Environmental Compliance Specialist from Circle K regarding receipt of UST non-permit warning letter. She requested copies of all inspection reports with outstanding violations. Copied reports and sent them to her.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-09-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine underground storage tank inspection. Certifications for Noe Gil were verified. Facility has four double

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

wall tanks. Information submitted to CERS on 4/22/2020 was verified. Secondary containment testing was last conducted on 7/9/19. Overfill prevention testing was done on 5/22/19. The next overfill prevention inspection is required to be completed prior to October 31, 2021.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-11-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor cert notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-12-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-14-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received and reviewed monitoring system, leak detector and spill bucket test reports dated 7/9/2020. All components passed testing.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-20-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site for a routine hazardous materials inspection. Inspection was conducted with Shah Dekshefh. Facility has disclosed 4 chemicals. While on site it was observed that liquid C02 is also stored on site above the reporting threshold (see violation). Add this material to your CERS disclosure within 30 days. Site map was reviewed and appears to be accurate. Reviewed training documentation for required initial and annual business emergency plan training. Employee Gabriel Hernandez was hired on 1/1/17 and has not yet received initial emergency plan training (see violation). In addition, employees Justin Hernandez (hired on 3/13/17) and Salwa Garas (hired on 9/1/16) did not receive training within the required timeframe. Both employees received training on 7/11/17, three to nine months past the required training deadline. Immediately conduct training for Gabriel and send a copy of the training log documenting his training to this Agency within 30 days. In the future, [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HMRRP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-20-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site for routine underground storage tank inspection, monitoring system certification, and spill bucket testing. The facility has four double walled tanks monitored by a Veeder Root system. Monitor is operational for audible and visual alarms. The panel reads "all functions normal." Positive shutdown and fail safe programming were verified. ATGs are installed for overfill prevention. All sump and UDC sensors were found to be located at the lowest point of each sump/UDC. All sumps and UDCs appeared to be dry. Fail-safe system functioned properly. Fail-safe system was tested by cutting power to the Veeder Root control panel. Turbine engines shut down when the power was removed. ATGs and an external alarm were installed for overfill protection. ATGs were set to 90% and the external alarm sounded for more than 30 seconds. Spill buckets were visually tested for 30 minutes. At the end of the test period, no indication of leakage was observed. Leak detectors were tested [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-24-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received and reviewed secondary containment test report dated 7/9/19. The following components were tested and passed: - tank annulars, 87 x2, 91, diesel - turbine sumps, 87 x2, 91, diesel - fill sumps, 87 x2, 91, diesel - product piping, 87 x2, 91, diesel - vent transition sump - UDCs, (6)

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-09-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor certification notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-10-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received call from Edgar at Ideco. He said he submitted the plan check for sensor change out last week. Discussed site and plan check with district inspector (Lisa Wales).

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Eval General Type: Other/Unknown
Eval Date: 08-13-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SR0124432 Received monitoring system test results. Close SR0124432.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-14-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS On site for routine underground storage tank inspection, monitoring system certification, and spill bucket testing. The facility has four double walled tanks monitored by a Veeder Root system. Monitor is operational for audible and visual alarms. The panel reads "all functions normal." Positive shutdown and fail safe programming were verified. ATGs are installed for overfill prevention. All sump and UDC sensors were found to be located at the lowest point of each sump/UDC. All sumps and UDCs appeared to be dry. Fail-safe system functioned properly. Fail-safe system was tested by cutting power to the Veeder Root control panel. Turbine engines shut down when the power was removed. ATGs and an external alarm were installed for overfill protection. ATGs were set to 90% and the external alarm sounded for more than 30 seconds. Spill buckets were visually tested for 30 minutes. At the end of the test period, no indication of leakage was observed. Leak [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-25-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: This agency has received and reviewed the monitoring system, spill bucket and leak detector test reports dated 8/13/14. Summary of reports: Monitoring system = PASS Leak detectors = PASS Spill buckets = PASS

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-10-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted HMBEP submittal. Facility has added liquid C02 to their disclosure.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-10-2017
Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted UST submittal. All corrections have been made.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-09-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed HMBEP submission package on CERS, DENIED. Request for re-submittal this date.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-09-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed UST submission package on CERSI, DENIED. Request for re-submittal this date. The following forms are accepted: Leak Response Plan, Designated Operator statement, UST owner/operator form
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-17-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed UST submission package on CERS, DENIED. Request for re-submittal this date. The following corrections are needed: All corrections noted on the 7/8/14 review are still needed. Facility has submitted updated CFR dated 12/1/14 and updated DO form.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-24-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site to witness post repair testing. Tester certifications were verified. Sensors were replaced with model 208 sensors for the following: UDCs 1/2, 5/6, 7/8 & 9/10; Turbine sumps: diesel, 91 and 87 master; 87 syphon fill. All sensors were tested. Sensors alarmed and shut down the turbines when submerged in fluid. Secondary containment testing was performed on the 91 sump, 87 master turbine sump, diesel turbine sump and UDC 11/12. One high precision (0.002) 15-minute test was performed on each sump/UDC. Liquid level was observed to be four inches above the highest penetration fitting. All passed testing. Send a copy of the test reports to this agency within 30 days.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Eval General Type: Other/Unknown
Eval Date: 07-08-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed HMBEP submission package on CERS, DENIED. Request for re-submittal this date. Facility did not address most of the previously issued comments. The following corrections are still needed: Consolidated Emergency Response/Contingency Plan Under section G Emergency Equipment the plan lists a shovel as part of the spill control and clean-up equipment however in the Emergency Equipment section under the Employee Training Plan , the Response Equipment plan states None next to Shovel . Please reconcile these comments. Review previously issued comments regarding chemical inventory data and submit new package.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-10-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor Certification Notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-12-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine inspection and monitor certification. This site has 3 double walled tanks with gasoline, 1 diesel tank, and double walled pressurized piping. All turbine sump sensors, fill sumps sensors, tank annular sensors, and UDC sensors were tested for alarm and turbine shut down. The Veeder Root TLS-350 was tested for sensor-out and fail-safe. The spill buckets were visually tested and passed. Overfill alarms were tested and passed. Technician on site was Al Queiros from Ideco Inc. Verified ICC, Veeder-Root, and VMI certifications. Financial responsibility coverage period is 12/1/17 to 12/1/18. Secondary containment testing dated 11/8/16.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-14-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine hazardous materials inspection. Facility has disclosed five materials. There were no other materials observed on site meeting minimum disclosure thresholds. Site map was reviewed and appears accurate. Please note - unleaded fuel grades may be combined into one disclosure for unleaded fuel. This agency's fee structure is based upon the number of chemicals reported and you may be able to move to a lower fee category by combining the unleaded fuel into one disclosure.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-18-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine hazardous materials inspection. Facility has disclosed 5 chemicals. There were no other materials observed on site at/above reporting thresholds. Site map was reviewed and appears to be accurate.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-18-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine hazardous waste inspection. The amount of waste observed on site is approximately 220 lbs. Please have waste hauled using a registered hazardous waste hauler within 180 days.

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-18-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site for a routine underground storage tank inspection. Tester certifications for Rick were verified. Facility has 4 dw tanks. Information submitted to CERS on 4/2/19 was reviewed and the following corrections are still needed to the submittal (was declined). Make the following corrections and resubmit within 30 days: TANK PAGES - ALL- Annular sensors are not model 208. Make the following corrections: 87 Main - annular sensor = 409; 87 syphon - annular sensor = 343; 91- annular sensor = 341; diesel - annular sensor = 341 ;;;;;;dsiesel tank page - remove "ball float" - this tank does not have a ball float. Violation I101 remains outstanding (corrections were due by 7/17/19) for failed overfill prevention testing for the diesel tank and must be corrected immediately. Tank does not have a ball float, has single wall vent piping and uses the ATG for overfill prevention.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-20-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed CERS submittal and changed status to Not Accepted following on site inspection. The following corrections are needed: Monitoring plan - sensors in all sumps and UDCs are model 208. Please update monitoring plans and place copies of current plans on site within 30 days.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine hazardous waste inspection. Christopher Huab, assistant manager, was present for the inspection and provided consent to inspect. The facility's operations and the waste generated were discussed. The inspection included a walk of the station. I did not observe hazardous waste in the facility's trash or as run off on the ground. The storage of the shop's hazardous waste was inspected. The storage containers were stored closed and labeled with the required information. The signed off manifests for the removal of the facility's hazardous waste were on site and available for inspection. The records were reviewed. Written spill response directions and emergency contact information was posted for the employees.

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine hazardous materials chemical inventory and business emergency plan (HMBEP) inspection. Christopher Huab, assistant manager, was present for the inspection and provided consent to inspect. The inspection was to confirm the facility's electronic hazardous materials disclosure and business plan. We reviewed the facility's Hazardous material inventory on site. Inspection found carbon dioxide liquefied gas, previously not disclosed, on site above its reporting threshold. We confirmed the locations of the required items to be mapped. The location of the nearest fire hydrant, the storm drain which drains the station, the building's gas shut off, and water shut off, were noted and discussed. These required map features were not on the facility's submitted site map. The facility uses CERS for their electronic HMBEP submittal compliance. Revisions will be requested via CERS. Facility conducts annual employee safety procedure [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-07-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: This agency has received and reviewed test results for secondary containment (SP989) testing conducted on 1/21/2014. The following components were tested and passed: Tank annular spaces (4) Secondary piping (4) Piping sumps (4) Fill sumps (4) UDC (6)

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Eval General Type:	Other/Unknown
Eval Date:	02-14-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and accepted UST submittal
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	02-25-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	INSPECTOR COMMENTS On site for a secondary piping inspection for conversion of the 89 tank to diesel and installation of new fiberglass vent line. The secondary piping was pressurized for 60 minutes. All joints and elbows were soaped. There was no indication of leakage during the test period.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-15-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Status changed to receive a permit, per Wales.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-15-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	The following documents were received and ACCEPTED on CERS: Business Activities Form Business Owner/Operator Form Chemical Inventory for 3 chemicals Facility Site Map
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-17-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Received and reviewed overfill prevention test report dated 5/22/19. Test report indicates the following: -vent piping is single-wall for all 4 tanks -ball floats are installed on tanks 1, 2, 4 (87, 90, 87) -ATGs are being used for overfill prevention and all 4 activate at 90%. Per regulations, the diesel tank does not have a valid overfill prevention method as it only has single wall vent piping and does not have a ball float. Facility will either need to install secondary vent piping or provide another approved method of overfill prevention. Violation I101 remains outstanding. Submit plans for repair within 30 days. CERS submittal dated 4/13/19 is being changed to Not Accepted - the following correction is needed: Diesel tank page - under overfill

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

protection - change ball float from Yes to No and resubmit information within 30 days.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-06-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received and reviewed secondary containment re-test reports dated 5/31/17. The following components were tested and passed: turbine sumps - 87 master and diesel UDC 11/12 fill sump - 91 vapor pot Violation I382 is abated.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-09-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine hazardous waste inspection. Hazardous waste drums were observed to be properly stored. Facility is in compliance at this time.

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-26-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed CERS in prep for inspection

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-02-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and declined UST electronic submittal. The following corrections are still needed: - Monitoring Plans all UDC Section: Leak Sensor Model is 208 and remove information from Comments Section indicating that there are other sensor model numbers in the UDCs. All sensors were changed to 208 following recent construction. - 91 & Diesel Product Monitoring Plans piping sensor is 208 and not 352 - 87 Product Monitoring Plan piping sensor is 208 and not 350

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-04-2015
Violations Found: Yes
Eval Type: Routine done by local agency

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
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MOBIL (Continued)

U001742916

Eval Notes:	On site for routine UST inspection and monitoring system certification. The facility has four (87, 87S, 91, D) double-walled tanks monitored by a Veeder Root TLS350 system. The monitor is operational for audible and visual alarms. Positive shutdown and fail-safe programming were verified. In-tank probes are used for overfill prevention. The sensors in the tank annulars, turbine sumps, fill sumps, vent sump, and UDCs all shutdown the affected turbines when submerged in fuel. The leak detectors, in-tank probes, and spill buckets were tested after inspector departure. Testing was conducted by Al Queiros of Ideco Inc. Technician certifications (VR, ICC) were verified. Please submit the test reports to this Agency within 30 days. The following documents are available for review: permit to operate, monitoring plan, leak response plan, test reports, maintenance records, DO monthly reports, and DO annual employee training records. Secondary containment testing was last [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-05-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Facility is operating without a valid Underground Storage Tank Permit. The following violation has been issued: I481 - Failure to obtain a valid permit from the UPA including but not limited to unpaid permit fees. 23 CCR 16 2711(d); HSC 6.7 25284 CORRECTIVE ACTION: Immediately correct all outstanding violation(s) and obtain full compliance status for a permit to be issued. The following violations remain outstanding and must be corrected immediately: I101 - Overfill prevention system has not been overridden and meets overfill requirements I582 - Complete and accurate UST Operating Permit Application has been submitted.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	08-11-2015
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	INSPECTOR COMMENTS Sensor model numbers and product information reviewed during the monitoring system certification conducted on 8/4/15 are inconsistent with tank information submitted. Status of this submittal is being changed to NOT ACCEPT. Tank # 3 Tank Contents =Diesel All Monitoring plans UDC 11/12 sensor model # is 208 Monitoring plans for tanks 2 & 3- Pipe monitoring Leak Sensor Model # is 352 not 350. Submit corrected information electronically within 30 days.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-22-2013
Violations Found:	No
Eval Type:	Routine done by local agency

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Eval Notes: On site to conduct routine hazardous waste inspection. Observed facility and inspected hazardous waste storage area. Consent to enter, inspect, and take photographs was given by Tony Nicasio. Facility generated the following hazardous wastes on site: fuel/water mixture and fuel-contaminated solids. Container of fuel contaminated solids was properly labeled. Container observed to be in good condition with closed lid. The drum for liquid waste was present and labeled, but did not contain any liquid. Manifests were on site and available for review. Facility is currently assigned and using active EPA ID Number CAL000369637. Emergency response plan and training records were on site and available for review. Inspected perimeter of the facility and the dumpster area.

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-23-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitoring system, leak detector and spill bucket test reports for testing conducted on 7/12/18 have not been received by this Agency. Forward these reports within 30 days.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-27-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed updated CERS submittal. Facility has modified its submittal to reflect the addition of diesel fuel. The following documents were received and ACCEPTED on CERS: Business Activities Form Business Owner/Operator Form Chemical Inventory for 4 chemicals Facility Site Map

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-02-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed updated CERS submittal. Facility has modified the monitoring plans for all four tanks and updated the DO statement. All forms were accepted.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-07-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: During a hazardous materials inspection of your facility conducted on 7/20/2017, it was noted that your facility stores liquid C02 above the

Map ID
Direction
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Elevation

MAP FINDINGS

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Database(s)

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MOBIL (Continued)

U001742916

reporting threshold of 1,000cf. Facility was directed to add this material to your electronic inventory disclosure. To date there has been no information submitted to CERS and violation I169 remains outstanding. In addition, it was noted that employee Gabriel Hernandez had not received the initial emergency plan training. Facility was directed to immediately conduct training for Gabriel and send a copy of the training log documenting his training to this Agency within 30 days. To date, there has been no documentation received and violation I239 remains outstanding. Send a copy of documentation of Mr. Hernandez s training and submit completed, corrected information to CERS within 30 days. Please contact me at lwales@ochca.com or 714-559-0101 if you have any questions.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-09-2019

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received overfill prevention test report dated 10/2/2019 (also submitted to CERS). Facility has removed all ball floats and installed flapper valves. CERS submittal dated 10/7/2019 with updated information was accepted.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-20-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SB 989 test notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-03-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SB 989 test notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received email from Kristi Hodge requesting an extension to the compliance deadline for repairs following a failed SB989 test. An extension to February 15th was granted.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Eval General Type:	Other/Unknown
Eval Date:	02-13-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed HMBEP submission package on CERS, DENIED. Request for re-submittal this date. The following corrections are needed: Chemical Inventory - All fuel grades please change the Hazardous Material Type to be pure and delete the mixture components. For reporting purposes, gasoline is considered a pure substance as it has been assigned its own CAS number. Site Map The site map symbol key indicates the presence of a storm/sewer drain, and fire hydrant however, they are not on the map (or are not legible). Please indicate the locations of these items.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-29-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Facility has submitted HMBEP documents to CERS. Forms were reviewed and accepted. Facility has disclosed 4 chemicals. Violation 1463 is abated.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-29-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed UST forms on CERS. Facility has updated the monitoring plan site map and contact information. All documents were accepted.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-01-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Facility has failed to conduct overfill prevention inspection/testing. Immediately schedule this testing. This Agency requires 48 hour notification of testing.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-03-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SB 989 test notification for 5-24
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Eval General Type:	Other/Unknown
Eval Date:	05-08-2015
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	INSPECTOR COMMENTS Facility has continued to submit inaccurate tank forms and monitoring plan through CERS after being advised of required changes. Submittal packages were declined on 7/8/14 and 12/17/14. Submit corrected forms electronically within 30 days. Copy of report sent to Circle K.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	05-22-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Change UST status to not get a permit, per Wales.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-08-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Received and reviewed test reports for monitoring system and secondary containment testing. Close SR
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-14-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor cert notification for 7-20
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-15-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	The following forms have been reviewed and ACCEPTED on CERS: UST facility and tank pages (4 tanks) Monitoring plans Leak Response plan CFR and CFO Letter DO statement Violations I292 and I582 are abated.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-08-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed UST submission package on CERS, DENIED. Request for

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Elevation

MAP FINDINGS

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Database(s)

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MOBIL (Continued)

U001742916

re-submittal this date. Most of the previously issued comments have not been addressed. The following items still require correction: Tank 1 Please change the following -Overfill Protection = Audible/Visual - Monitoring Plan- annular space sensor model = 794380-341; piping leak sensor model = 794380-208; add model #s for all UDCs- only UDC 1/2 and 5/6 =352, UDC 3/4=208 and 7-12=322 Tank 2 You list both tank 2 and 3 as Premium Unleaded change 3 to midgrade -Monitoring Plan - annular space sensor model = 794380-341; add model #s for all UDCs- only UDC 1/2 and 5/6 =352, UDC 3/4=208 and 7-12=322 TANK 3 change product type - Monitoring Plan - annular space sensor model = 794380-341; add model #s for all UDCs- only UDC 1/2 and 5/6 =352, UDC 3/4=208 and 7-12=322 Tank 4 - Monitoring Plan - add model #s for all UDCs- only UDC 1/2 and 5/6 =352, UDC 3/4=208 and 7-12=322 UST Site Map Identify the [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-09-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine hazardous materials inspection. Facility has disclosed 5 materials. There were no other materials observed on site meeting minimum disclosure thresholds. Please note: you may combine the 2- 87 grade gasoline submittals into 1 submittal for 87 gasoline on your CERS inventory submittal.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-14-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine hazardous waste inspection with Shah Daksheff. Hazardous waste was observed to be properly stored. Facility is in compliance at this time.

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-14-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for routine underground storage tank inspection, monitoring system certification, and spill bucket testing. Facility has four double walled tanks monitored by a Veeder Root system. Monitor is operational for audible and visual alarms. The panel reads "all functions normal." Positive shutdown and fail safe programming were verified. ATGs and flappers are installed for overfill prevention. Tester certifications for Noe Gil were verified. All sensors were observed positioned at the lowest point. Secondary containment testing was last conducted on 7/9/19. Overfill prevention inspection was conducted on 10/2/19. Information submitted to CERS on 6/4/21 was verified.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

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MOBIL (Continued)

U001742916

Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-20-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site for a routine hazardous waste inspection. Observed facility and inspected hazardous waste storage areas. Store Manager Shah Dekshefh consented to this inspection. Gas station generates the following hazardous wastes: oil contaminated solids and oil contaminated liquids. Containers of hazardous waste were stored closed and properly labeled. Containers appeared to be in good condition. Manifests were available for review. Facility is currently assigned and using active EPA ID Number CAL000369637. Emergency information is available. Inspected perimeter of facility and dumpster area.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-20-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed CERS submittal and changed status to Not Accepted following on site inspection. The following correction is needed: Add the liquid C02 to your disclosure.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-23-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Received and reviewed monitoring system, leak detector and spill bucket test reports dated 7/18/19. All components passed testing.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-25-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor cert notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-26-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed CERS in prep for inspection.
Eval Division:	Orange County Environmental Health

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine UST inspection during the facility's annual UST Monitoring System Certification and spill bucket testing. Christopher Huab, assistant manager, was present for the inspection. The UST testing technician was Dan Frisbee of IDECO. His testing credentials were provided for review and were current. The facility operates four fuel (87 master, 87 slave, 91, and diesel) DW UST systems. The facility utilizes a Veeder-root UST monitoring system. The monitoring panel was observed in operation. The UST monitoring set up and alarm history were provided for review. The UST sumps and UDCs were open for inspection. The sump and UDC sensors were observed positioned at low points. The UDCs were observed dry. The fuel tanks use ATG overfill visual / audible alarms for their overfill protection. Electronic leak detectors were in use. Various monitoring probe sensor models were in use. The sensor model numbers were confirmed during inspection (refer [Truncated])

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-02-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received and reviewed monitoring system, leak detector and spill bucket test reports dated 7/20/17. All components passed testing. NOTE: Veeder-Root programming is set to shut down the dispenser when alarmed. Monitoring plans submitted to CERS do indicate that monitoring stops flow of product at dispenser.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-03-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received and reviewed monitoring system, leak detector and spill bucket test reports dated 7/27/16. All components passed testing.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-04-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SR0126576 On site for final inspection of sensor replacement (352 to 208) of L6 in UDC 11/12. The sensor is operational for audible/visual alarms and is programmed for positive shutdown and fail safe. Testing was conducted by Al Queiros of Ideco. Technician certifications (ICC,

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Elevation

MAP FINDINGS

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Database(s)

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MOBIL (Continued)

U001742916

VR) were verified. Final Inspection = PASS Please submit the test report to this Agency within 30 days.
Orange County Environmental Health
UST
CERS,

Eval Division:
Eval Program:
Eval Source:

Eval General Type: Other/Unknown
Eval Date: 08-11-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received and reviewed monitoring system, leak detector and spill bucket test reports dated 8/4/2015. All components passed testing. ATG and leak detectors were tested after the inspector left. A copy of the tapes submitted with the test reports indicates operability for these components.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-11-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received plans (SR0126576) for changing out the sensor in UDC 11/12. The 350 sensor was replaced with a 208 model. Violation I149 is abated.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-11-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SR0126576 Received plans retroactively for changing sensor located in UDC 11/12. The Veeder Root 350 sensor was changed out with a 208 sensor. Sensor testing was witnessed by this agency during the monitoring system certification conducted on 8/4/2015. Certification testing report was received indicating a passing test result. Close SR0126576.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-14-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: purge field file notes per office "identifier" policy; old inspect district.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-14-2014
Violations Found: No

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

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EPA ID Number

MOBIL (Continued)

U001742916

Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS On site for a hazardous waste inspection. Permission to conduct an inspection was granted by Tony Nicasio, Manager. Facility generates fuel contaminated liquid and fuel contaminated solid wastes. Containers were observed closed and properly labeled. Containers appeared to be in good condition. Manifests were available for review. Facility is currently assigned and using active EPA ID # CAL000369637. Business emergency plan and training records were available. Inspected perimeter of facility and dumpster area. .

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-26-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The following forms have been reviewed and ACCEPTED on CERS: UST facility and tank pages (4 tanks) Monitoring plans Leak Response plan CFR and CFO Letter DO statement Owner/Operator Agreement
Orange County Environmental Health

Eval Division: UST
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-31-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: This agency received the monitor certification and spill bucket test results dated 7/12/18. The results indicate all components passed.
Orange County Environmental Health

Eval Division: UST
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-06-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: This agency has received a copy of the Monitoring System Certification, Leak Detector and Spill Bucket test reports dated 8/22/13. Summary of reports: Monitoring System = PASS Leak Detectors = PASS Spill Buckets = PASS
Orange County Environmental Health

Eval Division: UST
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-21-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received documentation of emergency plan training for Gabriel Hernandez. Violation I239 is abated.
Orange County Environmental Health

Eval Division: HMRRP
Eval Program: HMRRP
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Eval General Type: Other/Unknown
Eval Date: 12-10-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed updated UST electronic submittal. Facility has updated their DO statement and provided a current certification of financial responsibility. All forms were accepted. DO is Sarah Mendelson. CFR coverage period is 11/29/16 11/29/17.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed plans for repairs following failed SB989 test. Facility will also be replacing 14 discriminating sensors in the turbine sumps, fill sumps and UDCs with 208 sensors. The following repairs will be made: Fiberglass the sump-to-collar connection on the 91 fill, 87 master turbine and diesel turbine sumps; adjust/tighten penetration fittings on UDC 11/12. Contractor s certifications were also reviewed. Plans were approved and the contractor was notified that plans are ready for pick-up.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-11-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed facility's updated CERS electronic submittal. Facility has updated their certification of financial responsibility. Coverage period is 12/1/2015 to 12/1/2016.

Eval Division: Orange County Environmental Health
Eval Program: UST
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: Facility has complied with the 2018 reporting requirement. Reviewed and accepted HMBEP submittal with the following notation: On 12/28/17, CalEPA replaced the previous (5) federal hazard categories with twenty-four (24) new federal hazard categories. Inventory forms are conditionally accepted and must be updated with new categories in your next submission. Please uncheck boxes for categories that are (Obsolete). Refer to Section 2 Hazards Identification on each material s SDS for updating inventory forms with new federal hazard category. Please be advised that not all materials will have a classification.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Eval Date: 02-27-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: INSPECTOR COMMENTS On site to observe monitoring system testing for new sensors installed in the vent transition box and turbine sump for the converted 89-diesel tank. Sensors were submerged in water and turbine engine shut down. Please send a copy of the test reports to this Agency within 30 days.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-08-2015
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: INSPECTOR COMMENTS Facility has continued to submit inaccurate Hazardous Materials Disclosure and Business Emergency Plan through CERS after being advised of required changes. Submittal packages were declined on 7/8/14 and 12/17/14. Submit corrected forms electronically within 30 days. Copy of report sent to Circle K.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-21-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received and reviewed plans for converting an existing 89 tank to diesel and installing two new dispensers. Plans are approved this date. Notified contractor that plans are approved and ready for pick-up.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-22-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Circle K 21440 YORBA LINDA BLVD, YORBA LINDA HM A21 On site for routine hazardous materials chemical inventory and business emergency plan inspection. Consent to enter, inspect, and take photographs was given by Tony Nicasio. Observed the facility and inspected hazardous materials storage. The following hazardous materials were observed in amounts that exceed the required disclosure quantities: - Unleaded fuel 3 grades: UST - fuel contaminated solid; drum -fuel contaminated liquid; drum The facility has submitted hazardous materials disclosure and business emergency plan documents electronically to the CERS database. Copies of these documents were on site. It was noted at the inspection that the fuel contaminated waste was not included in the hazardous materials inventory. Be sure that these items are added to the disclosure. This Agency will review the documents submitted to the CERS database and will notify the facility if the information requires further [Truncated]

Eval Division: Orange County Environmental Health

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-22-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual Monitor System Certification and to conduct annual UST routine inspection. Technician possessed ICC Certification and Veeder-Root certifications. Consent to enter, inspect, and take photographs was given by Tony Nicasio UST System = four double walled USTs (one 10,000-gallon 91 gasoline, one 10,000-gallon 89 gasoline, and two 10,000-gallon 87 gasoline) with dry annular sensors = fiberglass double walled piping = electronic leak detectors = sumps contain non-discriminating sensors = 6 dispensers with non discriminating sensors All sump and UDC sensors were found to be located at the lowest point of each sump/UDC. All sumps and UDCs appeared to be dry. All sump sensors, UDC, and annular space sensors initiated positive shut down to the turbines when tested in water. Fail-safe system functioned properly. Fail-safe system was tested by cutting power to the Veeder Root control panel. Turbine engines shut down when the power was [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-30-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Received and reviewed SB989 test report dated 11/8/2016. The following components passed testing: Tank annulars = 87 master, 87 siphon, 91 and diesel Product piping = all tanks Piping sump = 87 siphon, 91 UDCs = 1/2, 3/4, 5/6, 7/8, 9/10 Fill sumps = 87 master, 87 siphon, diesel The following components failed testing (see violation): Piping sump = 87 master, diesel UDC = 11/12 Fill sump = 91 Make all necessary repairs or submit plans for repair to this Agency within 30 days.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-05-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted UST submittal. Facility has updated their CFR. Coverage period is 12/1/2017 to 12/1/2018

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-17-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed HMBEP submission package on CERS, DENIED. Request for re-submittal this date. The following corrections are needed: All

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

corrections noted on the 7/8/14 review are still needed.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 105670
Site Name: Circle K Stores Inc. Site #2709434
Site Address: 21440 YORBA LINDA BLVD
Site City: YORBA LINDA
Site Zip: 92887
Enf Action Date: 08-05-2019
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Orange County Environmental Health
Enf Action Program: UNSPEC
Enf Action Source: CERS,

Coordinates:
Site ID: 105670
Facility Name: Circle K Stores Inc. Site #2709434
Env Int Type Code: HWG
Program ID: 10166789
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.877620
Longitude: -117.753730

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Yolanda Jones
Entity Title: Not reported
Affiliation Address: P.O. Box 52085, Attn: Environmental
Affiliation City: Phoenix
Affiliation State: AZ
Affiliation Country: Not reported
Affiliation Zip: 85072
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: P.O. Box 52085, Attn: Environmental
Affiliation City: Phoenix
Affiliation State: AZ
Affiliation Country: Not reported
Affiliation Zip: 85072
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Circle K Stores Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (980) 875-1745,

Affiliation Type Desc: UST Property Owner Name
Entity Name: Ironwood Plaza LLC
Entity Title: Not reported
Affiliation Address: 30001 Golden Lantern
Affiliation City: Laguna Niguel
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92677
Affiliation Phone: (714) 693-0154,

Affiliation Type Desc: CUPA District
Entity Name: Orange County Env Health
Entity Title: Not reported
Affiliation Address: 1241 East Dyer RoadSuite 120
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92705-5611
Affiliation Phone: (714) 433-6406,

Affiliation Type Desc: Identification Signer
Entity Name: Robert Velasco
Entity Title: Agent For Circle K
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: Circle K Stores Inc.
Entity Title: Not reported
Affiliation Address: P.O. Box 52085, Attn: Environmental
Affiliation City: Phoenix
Affiliation State: AZ
Affiliation Country: United States
Affiliation Zip: 85072
Affiliation Phone: (980) 875-1745,

Affiliation Type Desc: UST Tank Operator
Entity Name: Circle K Stores Inc.
Entity Title: Not reported
Affiliation Address: P.O. Box 52085, Attn: Environmental
Affiliation City: Phoenix
Affiliation State: AZ
Affiliation Country: United States
Affiliation Zip: 85072
Affiliation Phone: (980) 875-1745,

Affiliation Type Desc: UST Tank Owner
Entity Name: Circle K Stores Inc.
Entity Title: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

U001742916

Affiliation Address: P.O. Box 52085, Attn: Environmental
Affiliation City: Phoenix
Affiliation State: AZ
Affiliation Country: United States
Affiliation Zip: 85072
Affiliation Phone: (980) 875-1745,

Affiliation Type Desc: Document Preparer
Entity Name: Robert Velasco
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: Property Owner
Entity Name: Ironwood Plaza LLC
Entity Title: Not reported
Affiliation Address: 30001 Golden Lantern
Affiliation City: Laguna Niguel
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92677
Affiliation Phone: (714) 693-0154,

Affiliation Type Desc: UST Permit Applicant
Entity Name: Robert Velasco
Entity Title: Agent For Circle K
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (661) 250-9300,

Affiliation Type Desc: Parent Corporation
Entity Name: Circle K Stores 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: ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

B12
NNW
< 1/8
0.088 mi.
467 ft.

MOBIL OIL
21440 YORBA LINDA
YORBA LINDA, CA 92887

Site 8 of 9 in cluster B

UST **U004316417**
N/A

Relative: ORANGE CO. UST:
Higher Name: MOBIL OIL
Address: 21440 YORBA LINDA
Actual: City,State,Zip: YORBA LINDA 92887
382 ft. Facility ID: FA23990
Notes: Not reported

B13
NNW
< 1/8
0.088 mi.
467 ft.

CIRCLE K STORES INC. SITE #2709434
21440 YORBA LINDA BLVD
YORBA LINDA, CA 92887

Site 9 of 9 in cluster B

UST **U004354840**
N/A

Relative: UST:
Higher Name: CIRCLE K STORES INC. SITE #2709434
Address: 21440 YORBA LINDA BLVD
Actual: City,State,Zip: YORBA LINDA, CA 92887
382 ft. Facility ID: FA0058830
Permitting Agency: Orange County Environmental Health
CERSID: 10166789
Latitude: 33.87762
Longitude: -117.75373

C14
NNE
< 1/8
0.094 mi.
497 ft.

SMART & FINAL #925
21500 YORBA LINDA BLVD
YORBA LINDA, CA 92887

Site 1 of 2 in cluster C

RCRA NonGen / NLR **1024854559**
CAL000415824

Relative: RCRA NonGen / NLR:
Higher Date Form Received by Agency: 20160401
Actual: Handler Name: SMART & FINAL #925
387 ft. Handler Address: 21500 YORBA LINDA BLVD
Handler City,State,Zip: YORBA LINDA, CA 92887
EPA ID: CAL000415824
Contact Name: DARRYL DINSON
Contact Address: 600 CITADEL DR
Contact City,State,Zip: COMMERCE, CA 90040-1562
Contact Telephone: 323-869-7704
Contact Fax: 323-869-7864
Contact Email: DARRYL.DINSON@SMARTANDFINAL.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 512377

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMART & FINAL #925 (Continued)

1024854559

Mailing City,State,Zip:	LOS ANGELES, CA 90051-0000
Owner Name:	SMART & FINAL STORES CORP
Owner Type:	Other
Operator Name:	DARRYL DINSON
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMART & FINAL #925 (Continued)

1024854559

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: DARRYL DINSON
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 600 CITADEL DR
Owner/Operator City,State,Zip: COMMERCE, CA 90040-1562
Owner/Operator Telephone: 323-869-7704
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SMART & FINAL STORES CORP
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 600 CITADEL DR
Owner/Operator City,State,Zip: COMMERCE, CA 90040-0000
Owner/Operator Telephone: 323-869-6210
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20160401
Handler Name: SMART & FINAL #925
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: 45291
NAICS Description: WAREHOUSE CLUBS AND SUPERCENTERS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

C15
NNE
< 1/8
0.094 mi.
497 ft.

SMART & FINAL #925
21500 YORBA LINDA BLVD.
YORBA LINDA, CA 92887

CERS HAZ WASTE S113157566
CERS N/A

Site 2 of 2 in cluster C

Relative:
Higher

CERS HAZ WASTE:

Actual:
387 ft.

Name: SMART & FINAL #925
Address: 21500 YORBA LINDA BLVD.
City,State,Zip: YORBA LINDA, CA 92887
Site ID: 4001
CERS ID: 10139039
CERS Description: Hazardous Waste Generator

CERS:

Name: SMART & FINAL #925
Address: 21500 YORBA LINDA BLVD.
City,State,Zip: YORBA LINDA, CA 92887
Site ID: 4001
CERS ID: 10139039
CERS Description: Chemical Storage Facilities

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-05-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine hazardous materials inspection. Facility is in compliance with the 2019 reporting requirement. Facility has disclosed 2 materials - both are refrigerants. There were no other materials observed on site meeting minimum disclosure thresholds.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-05-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine hazardous waste inspection. Facility was observed to be in compliance with hazardous waste laws/regulations at the time of this inspection.

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS On site for an initial hazardous materials chemical inventory and business emergency plan inspection. Facility has changed ownership. The new owner is Hagen. Inspection was conducted with Ron McInturf. Observed the facility and inspected hazardous materials storage. Business has disclosed 3 chemicals on site. Chemical inventory includes retail hazardous waste at 200 pounds. This material does not meet the minimum threshold reporting quantity of 500 pounds and should be removed from your disclosure. Business emergency plan is on site. Facility map was reviewed and appears to be consistent with

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMART & FINAL #925 (Continued)

S113157566

Eval Division:	site review.
Eval Program:	Orange County Environmental Health
Eval Source:	HMRRP
	CERS,
Eval General Type:	Other/Unknown
Eval Date:	09-12-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed HMBEP submission package on eSubmit Portal, DENIED. Request for re-submittal this date.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	10-12-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Smart & Final Reviewed HMBEP business activities and owner/operator forms. Facility has indicated that it is a hazardous waste generator.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-25-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site to conduct a routine inspection. Facility has closed. No evidence of hazardous waste storage or runoff was observed. There is no business currently operating at this location. Close record.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-02-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	The following documents were received and ACCEPTED on E-submit: Business Activities Form Business Owner/Operator Form Chemical Inventory for 2 chemicals Facility Site Map
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-20-2021
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site for a routine hazardous materials inspection. Facility has disclosed two chemicals. There were no other materials observed on site meeting minimum disclosure thresholds. Site map was reviewed and appears accurate.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMART & FINAL #925 (Continued)

S113157566

Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-30-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The following documents were received and ACCEPTED on the eSubmit Portal: Business Activities Form Business Owner/Operator Form Chemical Inventory for 3 chemicals Facility Site Map

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS On site for an initial hazardous waste inspection. This facility has changed ownership. The new owner is Haggen. Observed facility and inspected hazardous waste storage areas. Permission to enter and inspect was granted by Ron McInturf. Facility generates pharmacy waste and various wastes from consumer product returns. Containers of hazardous waste were stored closed and properly labeled. Containers appeared to be in good condition. Facility is currently assigned and using active EPA ID # CAL000405622. Emergency information is posted.

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-08-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed HMBEP submission package on eSubmit Portal, DENIED. Request for re-submittal this date.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-18-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The following documents were received and ACCEPTED on the eSubmit Portal: Business Activities Form Business Owner/Operator Form Chemical Inventory for (4 of chemicals) Facility Site Map

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-20-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for routine hazardous materials chemical inventory and business emergency plan inspection. Consent to enter, inspect, and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMART & FINAL #925 (Continued)

S113157566

take photographs was given by Carlos Torres, store director. Observed the facility and inspected hazardous materials storage. Business has disclosed 4 chemicals on site. Chemical inventory includes propane for retail sale. Facility does have a forklift but it is battery powered. Materials offered for retail sale do not need to be included in your disclosure. Please remove the propane from the chemical disclosure. Business emergency plan is on site. Facility map was reviewed. Site map indicates that helium tanks are only stored in the floral department. Additional helium tanks are stored in the back of the facility. Please update the map to indicate the additional helium storage area. All other areas are consistent with the map included in the disclosure packet.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-21-2014

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Submission re-evaluated and declined. Email sent to Jill Washburn asking her to remove the propane from her disclosure.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-26-2014

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The following documents were received and ACCEPTED on the eSubmit Portal: Business Activities Form Business Owner/Operator Form Chemical Inventory for 3 chemicals Facility Site Map

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-23-2013

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The following documents were received and ACCEPTED on the eSubmit Portal: Business Activities Form Business Owner/Operator Form Chemical Inventory for (# of chemicals) Facility Site Map

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-12-2016

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Smart & Final Reviewed HMBEP submittal. Facility has submitted Business Activities and Owner/Operator forms indicating that there has been a change of ownership at this location. The new DBA is Smart and Final. Submittal was reviewed and declined. The following corrections are needed: CHEMICAL INVENTORY R-22 storage pressure = Above Ambient

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMART & FINAL #925 (Continued)

S113157566

R-404A physical state and units must match. If stored as a liquid, amounts must be reported in gallons.//complete Federal Hazard Categories//Storage Pressure = Above Ambient CONTINGENCY PLAN Complete the Location section for all items checked under Section G

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-10-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed HMBEP submittal. Package was declined and an email sent to the facility contact. The following corrections are needed: CHEMICAL INVENTORY R-404A complete the Fire Code Hazard Classes and Federal Hazard Categories fields

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-10-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Facility is in compliance with the 2018 reporting requirement. Reviewed and accepted HMBEP submittal. Facility has disclosed 2 chemicals.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-20-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine hazardous waste inspection with Keith Garcia. Hazardous waste was observed to be properly stored. Facility is in compliance at this time.

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-20-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine hazardous waste inspection. Observed facility and inspected hazardous waste storage areas. Permission to enter and inspect was granted by Carlos Torres, store director and Effie Brito, assistant store manager. Facility generates pharmacy waste and various wastes from consumer product returns. Containers of hazardous waste were stored closed and properly labeled. Containers appeared to be in good condition. Manifests were available for review. Facility is currently assigned and using active EPA ID # CAL000384494. Emergency information is posted. Reviewed hazardous waste training documents for personnel responsible for hazardous waste storage.

Eval Division: Orange County Environmental Health

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMART & FINAL #925 (Continued)

S113157566

Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-13-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed HMBEP submittal. Facility has disclosed 2 chemicals. All forms were accepted.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine inspection. Facility has closed. No evidence of hazardous waste storage or runoff was observed. There is no business currently operating at this location. Close record.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: Orange County Env Health
Entity Title: Not reported
Affiliation Address: 1241 East Dyer Road Suite 120
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92705-5611
Affiliation Phone: (714) 433-6406,

Affiliation Type Desc: Parent Corporation
Entity Name: Smart and Final Stores
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: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: P.O. Box 512377
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90051-0377
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Darryl Dinson

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMART & FINAL #925 (Continued)

S113157566

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:	Darryl Dinson
Entity Title:	Environmental Health Compliance Manager
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:	SMART & FINAL STORES LLC
Entity Title:	Not reported
Affiliation Address:	P.O. Box 512377
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90051-0377
Affiliation Phone:	(323) 869-7500,
Affiliation Type Desc:	Operator
Entity Name:	Smart & Final #925
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:	(714) 693-3244,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Darryl Dinson
Entity Title:	Not reported
Affiliation Address:	P.O. Box 512377
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90051-0377
Affiliation Phone:	,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

16
SW
< 1/8
0.111 mi.
588 ft.

CLIFF LESTER
8187 E WOODSBORO
ANAHEIM, CA 92807

RCRA NonGen / NLR

1026169808
CAC003069857

Relative:
Lower

Actual:
350 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20200608
Handler Name: CLIFF LESTER
Handler Address: 8187 E WOODSBORO
Handler City,State,Zip: ANAHEIM, CA 92807
EPA ID: CAC003069857
Contact Name: CLIFF MENSAH
Contact Address: 8187 E WOODSBORO
Contact City,State,Zip: ANAHEIM, CA 92807
Contact Telephone: 714-469-6764
Contact Fax: Not reported
Contact Email: ANAB@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: 8187 E WOODSBORO
Mailing City,State,Zip: ANAHEIM, CA 92807
Owner Name: CLIFF LESTER
Owner Type: Other
Operator Name: CLIFF MENSAH
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLIFF LESTER (Continued)

1026169808

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:	20200608
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:	CLIFF MENSAH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8187 E WOODSBORO
Owner/Operator City,State,Zip:	ANAHEIM, CA 92807
Owner/Operator Telephone:	714-469-6764
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CLIFF LESTER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8187 E WOODSBORO
Owner/Operator City,State,Zip:	ANAHEIM, CA 92807
Owner/Operator Telephone:	714-469-6764
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLIFF LESTER (Continued)

1026169808

Historic Generators:

Receive Date:	20200608
Handler Name:	CLIFF LESTER
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
--------------	----------------------

D17
East
1/8-1/4
0.129 mi.
680 ft.
Relative:
Lower
Actual:
365 ft.

WEIR CANYON HONDA
8323 E LA PALMA AVE
ANAHEIM, CA 92808
Site 1 of 4 in cluster D

RCRA-SQG **1000441910**
CERS HAZ WASTE **CAD981666365**
SWEEPS UST
CERS TANKS
FINDS
ECHO
HAZNET
CERS
HWTS

RCRA-SQG:

Date Form Received by Agency:	20010717
Handler Name:	WEIR CANYON HONDA
Handler Address:	8323 E LA PALMA AVE
Handler City,State,Zip:	ANAHEIM, CA 92808
EPA ID:	CAD981666365
Contact Name:	JIM THIEL
Contact Address:	8323 E LA PALMA AVE
Contact City,State,Zip:	ANAHEIM, CA 92808
Contact Telephone:	714-777-4100
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

State District:	Not reported
Mailing Address:	8323 E LA PALMA AVE
Mailing City,State,Zip:	ANAHEIM, CA 92808
Owner Name:	D W W H D B A WEIR CANYON HONDA
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:	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:	20021007
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

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:	D001
Waste Description:	IGNITABLE WASTE

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:	D W H D B A WEIR CANYON HONDA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8323 E LA PALMA AVE
Owner/Operator City,State,Zip:	ANAHEIM, CA 92808
Owner/Operator Telephone:	714-777-4100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name:	WEIR CANYON HONDA
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:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20010717
Handler Name:	WEIR CANYON HONDA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

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:	44111
NAICS Description:	NEW CAR DEALERS

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:	19940511
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

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

CERS HAZ WASTE:

Name:	WEIR CANYON HONDA
Address:	8323 E LA PALMA AVE
City,State,Zip:	ANAHEIM, CA 92807
Site ID:	85001
CERS ID:	10428496
CERS Description:	Hazardous Waste Generator

SWEEPS UST:

Name:	CANYON HONDA
Address:	8323 E LA PALMA AVE
City:	ANAHEIM
Status:	Active
Comp Number:	7700
Number:	9
Board Of Equalization:	Not reported
Referral Date:	03-19-92
Action Date:	03-19-92
Created Date:	12-31-88
Owner Tank Id:	184
SWRCB Tank Id:	30-011-007700-000001
Tank Status:	A
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	JET FUEL
Number Of Tanks:	2

Name:	CANYON HONDA
Address:	8323 E LA PALMA AVE
City:	ANAHEIM
Status:	Active
Comp Number:	7700
Number:	9
Board Of Equalization:	Not reported
Referral Date:	03-19-92
Action Date:	03-19-92
Created Date:	12-31-88
Owner Tank Id:	184
SWRCB Tank Id:	30-011-007700-000002
Tank Status:	A
Capacity:	6000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	W
Content:	REG UNLEADED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Number Of Tanks: Not reported

CERS TANKS:

Name: WEIR CANYON HONDA
Address: 8323 E LA PALMA AVE
City,State,Zip: ANAHEIM, CA 92807
Site ID: 85001
CERS ID: 10428496
CERS Description: Underground Storage Tank

FINDS:

Registry ID: 110002742836

Click Here:

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: 1000441910
Registry ID: 110002742836
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002742836>
Name: CANYON HONDA
Address: 8323 E LA PALMA AVE
City,State,Zip: ANAHEIM, CA 92807

HAZNET:

Name: WEIR CANYON HONDA
Address: 8323 E LA PALMA AVE
Address 2: Not reported
City,State,Zip: ANAHEIM, CA 928072511
Contact: COREY SMITH
Telephone: 7147774100
Mailing Name: Not reported
Mailing Address: 8323 E LA PALMA AVE

Year: 2007
Gepaid: CAD981666365
TSD EPA ID: CAT080013352
CA Waste Code: 222 - Oil/water separation sludge
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 5.004

Year: 2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Gepaid:	CAD981666365
TSD EPA ID:	CAT080033681
CA Waste Code:	352 - Other organic solids
Disposal Method:	R01 - Recycler
Tons:	0.5
Year:	2005
Gepaid:	CAD981666365
TSD EPA ID:	CAT080033681
CA Waste Code:	352 - Other organic solids
Disposal Method:	D80 - Disposal, Land Fill
Tons:	0.15
Year:	2003
Gepaid:	CAD981666365
TSD EPA ID:	CAD028409019
CA Waste Code:	241 - Tank bottom waste
Disposal Method:	T01 - Treatment, Tank
Tons:	0.417
Year:	2002
Gepaid:	CAD981666365
TSD EPA ID:	CAT080033681
CA Waste Code:	352 - Other organic solids
Disposal Method:	D80 - Disposal, Land Fill
Tons:	0.72935
Year:	2001
Gepaid:	CAD981666365
TSD EPA ID:	CAT080013352
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	R01 - Recycler
Tons:	0.7506
Year:	2001
Gepaid:	CAD981666365
TSD EPA ID:	CAT080033681
CA Waste Code:	352 - Other organic solids
Disposal Method:	D80 - Disposal, Land Fill
Tons:	0.1
Year:	2000
Gepaid:	CAD981666365
TSD EPA ID:	CAT080013352
CA Waste Code:	133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method:	R01 - Recycler
Tons:	6.5677
Year:	1999
Gepaid:	CAD981666365
TSD EPA ID:	CAD099452708
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	H01 - Transfer Station
Tons:	5.1165
Year:	1999
Gepaid:	CAD981666365

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

TSD EPA ID: CAT080013352
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: R01 - Recycler
Tons: 5.1082

[Click this hyperlink](#) while viewing on your computer to access
21 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year: 2002
Gen EPA ID: CAD981666365

Shipment Date: 20021206
Creation Date: 4/1/2003 18:31:07
Receipt Date: 20021211
Manifest ID: 22035711
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: CAT080033681
Trans Name: Not reported
TSD Alt EPA ID: Not reported
TSD Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.4
Waste Quantity: 800
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: 20021001
Creation Date: 2/10/2003 18:31:16
Receipt Date: 20021008
Manifest ID: 22043187
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: CAT080033681
Trans Name: Not reported
TSD Alt EPA ID: Not reported
TSD Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.22935
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020416
Creation Date: 7/29/2002 18:38:23
Receipt Date: 20020422
Manifest ID: 21362782
Trans EPA ID: CAD028277036
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: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
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

Additional Info:

Year: 2005
Gen EPA ID: CAD981666365

Shipment Date: 20051214
Creation Date: 3/22/2006 18:32:18
Receipt Date: 20051216
Manifest ID: 24834661
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: D/K ENVIRONMENTAL
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: 0.5
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

Shipment Date: 20050103

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Creation Date: 6/3/2005 18:31:06
Receipt Date: 20050106
Manifest ID: 24019796
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080033681
Trans Name: D / K - ENVIRONMENTAL
TSDf Alt EPA ID: CAT080033681
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: NONE
Meth Code: D80 - Disposal, Land Fill
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: 2007
Gen EPA ID: CAD981666365

Shipment Date: 20071205
Creation Date: 3/5/2008 18:30:20
Receipt Date: 20071205
Manifest ID: 003561017JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
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: 222 - Oil/water separation sludge
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Quantity Tons: 5.004
Waste Quantity: 1200
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: 1998
Gen EPA ID: CAD981666365

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Shipment Date: 19981219
Creation Date: 2/26/1999 0:00:00
Receipt Date: 19981220
Manifest ID: 98844281
Trans EPA ID: CAD028277036
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: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.4595
Waste Quantity: 350
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: 19981116
Creation Date: 1/13/1999 0:00:00
Receipt Date: 19981119
Manifest ID: 98311788
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0672
Waste Quantity: 16
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: 19981116
Creation Date: 1/13/1999 0:00:00
Receipt Date: 19981119
Manifest ID: 98311788
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D006
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.189
Waste Quantity:	45
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:	19981016
Creation Date:	12/17/1998 0:00:00
Receipt Date:	19981016
Manifest ID:	98511243
Trans EPA ID:	CAD028277036
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:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.6255
Waste Quantity:	150
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:	19980914
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980917
Manifest ID:	98285085
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D006
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1512
Waste Quantity:	36
Quantity Unit:	G

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

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:	19980914
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980917
Manifest ID:	98285085
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0672
Waste Quantity:	16
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:	19980914
Creation Date:	11/5/1998 0:00:00
Receipt Date:	19980914
Manifest ID:	98504656
Trans EPA ID:	CAD028277036
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:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.0425
Waste Quantity:	250
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:	19980730
Creation Date:	10/1/1998 0:00:00
Receipt Date:	19980801

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Manifest ID: 98168277
Trans EPA ID: CAD028277036
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: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.251
Waste Quantity: 300
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: 19980622
Creation Date: 9/3/1998 0:00:00
Receipt Date: 19980624
Manifest ID: 98183071
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D006
Meth Code: H01 - Transfer Station
Quantity Tons: 0.252
Waste Quantity: 60
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: 19980622
Creation Date: 9/3/1998 0:00:00
Receipt Date: 19980624
Manifest ID: 98183071
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0168
Waste Quantity: 4
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: 1993
Gen EPA ID: CAD981666365

Shipment Date: 19931209
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931209
Manifest ID: 93145327
Trans EPA ID: CAD028277036
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: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.26
Waste Quantity: 300
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: 2003
Gen EPA ID: CAD981666365

Shipment Date: 20030417
Creation Date: 5/9/2007 18:30:21
Receipt Date: 20030421
Manifest ID: 21867197
Trans EPA ID: CAR000009423
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: Not reported
TSDF Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.417
Waste Quantity:	100
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:	1996
Gen EPA ID:	CAD981666365

Shipment Date:	19961126
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961203
Manifest ID:	96468548
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	AZ0000001560
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0144
Waste Quantity:	4
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:	19960923
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960923
Manifest ID:	96347948
Trans EPA ID:	CAD028277036
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:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.7722
Waste Quantity:	425

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

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:	19960618
Creation Date:	9/12/1997 0:00:00
Receipt Date:	19960621
Manifest ID:	96143499
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD093459485
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
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:	19960430
Creation Date:	10/29/1996 0:00:00
Receipt Date:	19960430
Manifest ID:	96008896
Trans EPA ID:	CAD028277036
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:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	2.1267
Waste Quantity:	510
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:	19960325
Creation Date:	10/16/1996 0:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Receipt Date:	19960329
Manifest ID:	96072228
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD093459485
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD093459485
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0144
Waste Quantity:	4
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:	19960130
Creation Date:	10/10/1996 0:00:00
Receipt Date:	19960130
Manifest ID:	95811771
Trans EPA ID:	CAD028277036
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:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.3344
Waste Quantity:	320
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:	CAD981666365
Shipment Date:	19991023
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991024
Manifest ID:	99131717
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.4595
Waste Quantity: 350
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: 19990816
Creation Date: 10/28/1999 0:00:00
Receipt Date: 19990817
Manifest ID: 99130018
Trans EPA ID: CAD028277036
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: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.7297
Waste Quantity: 175
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: 19990706
Creation Date: 8/24/1999 0:00:00
Receipt Date: 19990707
Manifest ID: 99126082
Trans EPA ID: CAD028277036
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: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.668

Map ID
Direction
Distance
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Waste Quantity:	400
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:	19990604
Creation Date:	7/30/1999 0:00:00
Receipt Date:	19990604
Manifest ID:	99277748
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD099452708
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	5.1165
Waste Quantity:	1227
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:	19990427
Creation Date:	6/10/1999 0:00:00
Receipt Date:	19990427
Manifest ID:	99010220
Trans EPA ID:	CAD028277036
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:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.251
Waste Quantity:	300
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:	19990309

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Creation Date: 5/17/1999 0:00:00
Receipt Date: 19990309
Manifest ID: 98505894
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080025711
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 1.47
Waste Quantity: 350
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: 1994
Gen EPA ID: CAD981666365

Shipment Date: 19941209
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19941209
Manifest ID: 93700893
Trans EPA ID: CAD028277036
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: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 2.037
Waste Quantity: 485
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: 19940804
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940805
Manifest ID: 93721867
Trans EPA ID: CAD028277036
Trans Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

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: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.491
Waste Quantity: 355
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: 19940429
Creation Date: 3/25/1996 0:00:00
Receipt Date: 19940429
Manifest ID: 93327472
Trans EPA ID: CAD028277036
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: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.848
Waste Quantity: 440
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: 1995
Gen EPA ID: CAD981666365

Shipment Date: 19951030
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951102
Manifest ID: 95559467
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: ILD984908202
Trans 2 Name: Not reported
TSDF EPA ID: CAD093459485
Trans Name: Not reported
TSDF Alt EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	0.0144
Waste Quantity:	4
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:	19951025
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951025
Manifest ID:	95397679
Trans EPA ID:	CAD028277036
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:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.9599
Waste Quantity:	470
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:	19950613
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950614
Manifest ID:	95489241
Trans EPA ID:	CAD028277036
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:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.84
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950503
Creation Date:	10/24/1995 0:00:00
Receipt Date:	19950504
Manifest ID:	93722544
Trans EPA ID:	CAD028277036
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:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.05
Waste Quantity:	250
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:	19950309
Creation Date:	10/23/1995 0:00:00
Receipt Date:	19950310
Manifest ID:	95242496
Trans EPA ID:	CAD028277036
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:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.302
Waste Quantity:	310
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:	2001
Gen EPA ID:	CAD981666365

Shipment Date:	20011129
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Creation Date:	2/13/2002 0:00:00
Receipt Date:	20011207
Manifest ID:	21357234
Trans EPA ID:	CAD028277036
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:	D80 - Disposal, Land Fill
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:	20010409
Creation Date:	7/10/2001 0:00:00
Receipt Date:	20010417
Manifest ID:	20782628
Trans EPA ID:	CAD028277036
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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.3336
Waste Quantity:	80
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:	20010409
Creation Date:	7/10/2001 0:00:00
Receipt Date:	20010417
Manifest ID:	20782628
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.2085
Waste Quantity: 50
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: 20010409
Creation Date: 7/10/2001 0:00:00
Receipt Date: 20010417
Manifest ID: 20782628
Trans EPA ID: CAD028277036
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: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.2085
Waste Quantity: 50
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: 1997
Gen EPA ID: CAD981666365

Shipment Date: 19971119
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971201
Manifest ID: 97346033
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: AZ0000001560
Trans 2 Name: Not reported
TSDF EPA ID: CAD093459485
Trans Name: Not reported
TSDF Alt EPA ID: CAD093459485
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D039
Meth Code: H01 - Transfer Station

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Quantity Tons:	0.0432
Waste Quantity:	12
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:	19971118
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971118
Manifest ID:	96864601
Trans EPA ID:	CAD028277036
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:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.6255
Waste Quantity:	150
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:	19971022
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971022
Manifest ID:	96835276
Trans EPA ID:	CAD028277036
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:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	2.085
Waste Quantity:	500
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

Map ID
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Shipment Date: 19971013
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971022
Manifest ID: 96788678
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: AZ0000001560
Trans 2 Name: Not reported
TSDF EPA ID: CAD093459485
Trans Name: Not reported
TSDF Alt EPA ID: CAD093459485
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0144
Waste Quantity: 4
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: 19970903
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19970910
Manifest ID: 96856379
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: AZ0000001560
Trans 2 Name: Not reported
TSDF EPA ID: CAD093459485
Trans Name: Not reported
TSDF Alt EPA ID: CAD093459485
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0432
Waste Quantity: 12
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: 19970725
Creation Date: 12/11/1997 0:00:00
Receipt Date: 19970726
Manifest ID: 96819078
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 2.085
Waste Quantity: 500
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: 19970722
Creation Date: 12/4/1997 0:00:00
Receipt Date: 19970730
Manifest ID: 96859813
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: AZ0000001560
Trans 2 Name: Not reported
TSDF EPA ID: CAD093459485
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.018
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: 19970609
Creation Date: 12/4/1997 0:00:00
Receipt Date: 19970618
Manifest ID: 96623002
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: AZ0000001560
Trans 2 Name: Not reported
TSDF EPA ID: CAD093459485
Trans Name: Not reported
TSDF Alt EPA ID: CAD093459485
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0432
Waste Quantity: 12
Quantity Unit: G

Map ID
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Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

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: 19970428
Creation Date: 7/17/1997 0:00:00
Receipt Date: 19970429
Manifest ID: 96829395
Trans EPA ID: CAD028277036
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: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.9182
Waste Quantity: 460
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: 19970321
Creation Date: 6/26/1997 0:00:00
Receipt Date: 19970402
Manifest ID: 96369287
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: AZ0000001560
Trans 2 Name: Not reported
TSDF EPA ID: CAD093459485
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0576
Waste Quantity: 16
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: 2000
Gen EPA ID: CAD981666365

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Shipment Date: 20000729
Creation Date: 10/23/2000 0:00:00
Receipt Date: 20000730
Manifest ID: 20235619
Trans EPA ID: CAD028277036
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: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.4595
Waste Quantity: 350
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: 20000530
Creation Date: 8/1/2000 0:00:00
Receipt Date: 20000530
Manifest ID: 99614705
Trans EPA ID: CAD028277036
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: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.668
Waste Quantity: 400
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: 20000328
Creation Date: 6/7/2000 0:00:00
Receipt Date: 20000328
Manifest ID: 99614953
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.5637
Waste Quantity: 375
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: 20000124
Creation Date: 4/4/2000 0:00:00
Receipt Date: 20000124
Manifest ID: 99766167
Trans EPA ID: CAD028277036
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: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.8765
Waste Quantity: 450
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: WEIR CANYON HONDA
Address: 8323 E LA PALMA AVE
City,State,Zip: ANAHEIM, CA 92807
Site ID: 85001
CERS ID: 10428496
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 85001
Site Name: WEIR CANYON HONDA
Violation Date: 03-13-2018
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: Failure to submit the UPA. of the designated operator (DO) identification and/or change of the DO within 30 days.
Violation Notes: Returned to compliance on 03/28/2018.
Violation Division: Anaheim City Fire Department

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
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WEIR CANYON HONDA (Continued)

1000441910

Violation Program: UST
Violation Source: CERS,

Site ID: 85001
Site Name: WEIR CANYON HONDA
Violation Date: 03-15-2021
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description: Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes: Returned to compliance on 04/12/2021. F/S 208 not vertical
Violation Division: Anaheim City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 85001
Site Name: WEIR CANYON HONDA
Violation Date: 03-17-2016
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 03/31/2016. V113 - Outdated FR displayed in CERS.
Violation Division: Anaheim City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 85001
Site Name: WEIR CANYON HONDA
Violation Date: 03-09-2020
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 03/09/2020. V203- Hazardous materials inventory requires update in CERS.
Violation Division: Anaheim City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 85001
Site Name: WEIR CANYON HONDA
Violation Date: 03-17-2016
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: Failure to submit statement of UST compliance and/or Designated Operator certification.
Violation Notes: Returned to compliance on 03/31/2016. V119- Designated Operator Notification form displayed in CERS is outdated.
Violation Division: Anaheim City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 85001
Site Name: WEIR CANYON HONDA

Map ID
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Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Violation Date: 03-15-2017
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 06/08/2017.
Violation Division: Anaheim City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 85001
Site Name: WEIR CANYON HONDA
Violation Date: 03-15-2019
Citation: HSC 6.7 25291(a)(2) - California Health and Safety Code, Chapter 6.7, Section(s) 25291(a)(2)
Violation Description: Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes: Product Piping Secondary failed
Violation Division: Anaheim City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 85001
Site Name: WEIR CANYON HONDA
Violation Date: 03-13-2018
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 03/28/2018.
Violation Division: Anaheim City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 85001
Site Name: WEIR CANYON HONDA
Violation Date: 03-09-2020
Citation: 23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Description: Failure to submit the Designated Underground Storage Tank Operator Identification Form within 30 days of installing a UST system or within 30 days of a change in DO.
Violation Notes: Returned to compliance on 03/09/2020. V119- Failure to maintain valid DO Notification in CERS.
Violation Division: Anaheim City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 85001
Site Name: WEIR CANYON HONDA
Violation Date: 03-09-2020
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 03/09/2020. V113- Failure to maintain valid

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Violation Division: FR in CERS.
Violation Program: Anaheim City Fire Department
Violation Source: UST
CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Anaheim City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-20-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations observed during the inspection.
Eval Division: Anaheim City Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Anaheim City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-15-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: SB 989
Eval Division: Anaheim City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-17-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Anaheim City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-20-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violation observed during the inspection.
Eval Division: Anaheim City Fire Department

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-20-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	No violations observed during the inspection.
Eval Division:	Anaheim City Fire Department
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-09-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Anaheim City Fire Department
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-13-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Anaheim City Fire Department
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-15-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Annual Monitoring Cert
Eval Division:	Anaheim City Fire Department
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-09-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	No violations
Eval Division:	Anaheim City Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-15-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Anaheim City Fire Department
Eval Program:	HW
Eval Source:	CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Anaheim City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual Monitoring Certification
Eval Division: Anaheim City Fire Department
Eval Program: UST
Eval Source: CERS,

Coordinates:
Site ID: 85001
Facility Name: WEIR CANYON HONDA
Env Int Type Code: HWG
Program ID: 10428496
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.876310
Longitude: -117.751050

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 8323 E. La Palma Ave
Affiliation City: Anaheim
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92807
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: DWWH INC
Entity Title: Not reported
Affiliation Address: 8323 E LA PALMA AVE
Affiliation City: ANAHEIM
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92807
Affiliation Phone: (714) 777-4100,

Affiliation Type Desc: Parent Corporation
Entity Name: WEIR CANYON HONDA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9513206375,

Affiliation Type Desc: UST Tank Owner
Entity Name: DWWH INC
Entity Title: Not reported
Affiliation Address: 8323 E LA PALMA AVE
Affiliation City: ANAHEIM
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92807
Affiliation Phone: (714) 777-4100,

Affiliation Type Desc: Environmental Contact
Entity Name: Corey Smith
Entity Title: Not reported
Affiliation Address: 8323 E LA PALMA AVE
Affiliation City: ANAHEIM
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92807
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: RICHARD O. WILSON - ANAHEIM CITY
Entity Title: Not reported
Affiliation Address: 201 S. ANAHEIM BLVD. #601
Affiliation City: ANAHEIM
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: UST Property Owner Name
Entity Name: DWWH INC
Entity Title: Not reported
Affiliation Address: 8323 E LA PALMA AVE
Affiliation City: ANAHEIM
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92807
Affiliation Phone: (714) 777-4100,

Affiliation Type Desc: CUPA District
Entity Name: Anaheim City Fire Department
Entity Title: Not reported
Affiliation Address: 201 South Anaheim Boulevard, Suite 300

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Affiliation City: Anaheim
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92805
Affiliation Phone: (714) 765-4047,

Affiliation Type Desc: Operator
Entity Name: Mike Russell
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: (714) 777-4100,

Affiliation Type Desc: UST Tank Operator
Entity Name: DWWH INC
Entity Title: Not reported
Affiliation Address: 8323 E LA PALMA AVE
Affiliation City: ANAHEIM
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92807
Affiliation Phone: (714) 777-4100,

Affiliation Type Desc: Document Preparer
Entity Name: Chris Mamoulelis, Celly Services, 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: Identification Signer
Entity Name: Corey Smith
Entity Title: Service Director
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: UST Permit Applicant
Entity Name: Corey Smith
Entity Title: Service Director
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (714) 777-4100,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Name: WEIR CANYON HONDA
Address: 8323 E LA PALMA AVE
City,State,Zip: ANAHEIM, CA 92807
Site ID: 85001
CERS ID: T0605904169
CERS Description: Leaking Underground Storage Tank Cleanup Site

Violations:

Site ID: 85001
Site Name: WEIR CANYON HONDA
Violation Date: 03-13-2018
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: Failure to submit the UPA. of the designated operator (DO) identification and/or change of the DO within 30 days.
Violation Notes: Returned to compliance on 03/28/2018.
Violation Division: Anaheim City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 85001
Site Name: WEIR CANYON HONDA
Violation Date: 03-15-2021
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description: Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes: Returned to compliance on 04/12/2021. F/S 208 not vertical
Violation Division: Anaheim City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 85001
Site Name: WEIR CANYON HONDA
Violation Date: 03-17-2016
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 03/31/2016. V113 - Outdated FR displayed in CERS.
Violation Division: Anaheim City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 85001
Site Name: WEIR CANYON HONDA
Violation Date: 03-09-2020
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 03/09/2020. V203- Hazardous materials inventory requires update in CERS.
Violation Division: Anaheim City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Site ID: 85001
Site Name: WEIR CANYON HONDA
Violation Date: 03-17-2016
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: Failure to submit statement of UST compliance and/or Designated Operator certification.
Violation Notes: Returned to compliance on 03/31/2016. V119- Designated Operator Notification form displayed in CERS is outdated.
Violation Division: Anaheim City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 85001
Site Name: WEIR CANYON HONDA
Violation Date: 03-15-2017
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 06/08/2017.
Violation Division: Anaheim City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 85001
Site Name: WEIR CANYON HONDA
Violation Date: 03-15-2019
Citation: HSC 6.7 25291(a)(2) - California Health and Safety Code, Chapter 6.7, Section(s) 25291(a)(2)
Violation Description: Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes: Product Piping Secondary failed
Violation Division: Anaheim City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 85001
Site Name: WEIR CANYON HONDA
Violation Date: 03-13-2018
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 03/28/2018.
Violation Division: Anaheim City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 85001
Site Name: WEIR CANYON HONDA
Violation Date: 03-09-2020
Citation: 23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Description: Failure to submit the Designated Underground Storage Tank Operator Identification Form within 30 days of installing a UST system or

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Violation Notes: within 30 days of a change in DO.
Returned to compliance on 03/09/2020. V119- Failure to maintain valid
DO Notification in CERS.
Violation Division: Anaheim City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 85001
Site Name: WEIR CANYON HONDA
Violation Date: 03-09-2020
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code,
Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of
Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 03/09/2020. V113- Failure to maintain valid
FR in CERS.

Violation Division: Anaheim City Fire Department
Violation Program: UST
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Anaheim City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-20-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations observed during the inspection.
Eval Division: Anaheim City Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Anaheim City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-15-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: SB 989
Eval Division: Anaheim City Fire Department
Eval Program: UST
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-17-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Anaheim City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-20-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violation observed during the inspection.
Eval Division: Anaheim City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-20-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations observed during the inspection.
Eval Division: Anaheim City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Anaheim City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-13-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Anaheim City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Annual Monitoring Cert
Eval Division: Anaheim City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2020
Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Eval Type: Routine done by local agency
Eval Notes: No violations
Eval Division: Anaheim City Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Anaheim City Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Anaheim City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual Monitoring Certification
Eval Division: Anaheim City Fire Department
Eval Program: UST
Eval Source: CERS,

Coordinates:
Site ID: 85001
Facility Name: WEIR CANYON HONDA
Env Int Type Code: HWG
Program ID: 10428496
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.876310
Longitude: -117.751050

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 8323 E. La Palma Ave
Affiliation City: Anaheim
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92807
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: DWWH INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Entity Title: Not reported
Affiliation Address: 8323 E LA PALMA AVE
Affiliation City: ANAHEIM
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92807
Affiliation Phone: (714) 777-4100,

Affiliation Type Desc: Parent Corporation
Entity Name: WEIR CANYON HONDA
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: Regional Board Caseworker
Entity Name: ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9513206375,

Affiliation Type Desc: UST Tank Owner
Entity Name: DWWH INC
Entity Title: Not reported
Affiliation Address: 8323 E LA PALMA AVE
Affiliation City: ANAHEIM
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92807
Affiliation Phone: (714) 777-4100,

Affiliation Type Desc: Environmental Contact
Entity Name: Corey Smith
Entity Title: Not reported
Affiliation Address: 8323 E LA PALMA AVE
Affiliation City: ANAHEIM
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92807
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: RICHARD O. WILSON - ANAHEIM CITY
Entity Title: Not reported
Affiliation Address: 201 S. ANAHEIM BLVD. #601
Affiliation City: ANAHEIM
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	DWWH INC
Entity Title:	Not reported
Affiliation Address:	8323 E LA PALMA AVE
Affiliation City:	ANAHEIM
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92807
Affiliation Phone:	(714) 777-4100,
Affiliation Type Desc:	CUPA District
Entity Name:	Anaheim City Fire Department
Entity Title:	Not reported
Affiliation Address:	201 South Anaheim Boulevard, Suite 300
Affiliation City:	Anaheim
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92805
Affiliation Phone:	(714) 765-4047,
Affiliation Type Desc:	Operator
Entity Name:	Mike Russell
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:	(714) 777-4100,
Affiliation Type Desc:	UST Tank Operator
Entity Name:	DWWH INC
Entity Title:	Not reported
Affiliation Address:	8323 E LA PALMA AVE
Affiliation City:	ANAHEIM
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92807
Affiliation Phone:	(714) 777-4100,
Affiliation Type Desc:	Document Preparer
Entity Name:	Chris Mamoulelis, Celly Services, 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:	Identification Signer
Entity Name:	Corey Smith
Entity Title:	Service Director
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

1000441910

Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: UST Permit Applicant
Entity Name: Corey Smith
Entity Title: Service Director
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (714) 777-4100,

HWTS:

Name: WEIR CANYON HONDA
Address: 8323 E LA PALMA AVE
Address 2: Not reported
City,State,Zip: ANAHEIM, CA 928072511
EPA ID: CAD981666365
Inactive Date: 06/30/2008
Create Date: 04/10/1987
Last Act Date: 10/14/2013
Mailing Name: Not reported
Mailing Address: 8323 E LA PALMA AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: ANAHEIM, CA 928072511
Owner Name: DWWH INC
Owner Address: 8323 E LA PALMA AVE
Owner Address 2: Not reported
Owner City,State,Zip: ANAHEIM, CA 928072511
Contact Name: COREY SMITH
Contact Address: 8323 E LA PALMA AVE
Contact Address 2: Not reported
City,State,Zip: ANAHEIM, CA 928070000

NAICS:

EPA ID: CAD981666365
Create Date: 2002-03-14 16:36:26.000
NAICS Code: 44111
NAICS Description: New Car Dealers
Issued EPA ID Date: 1987-04-10 00:00:00
Inactive Date: 2008-06-30 00:00:00
Facility Name: WEIR CANYON HONDA
Facility Address: 8323 E LA PALMA AVE
Facility Address 2: Not reported
Facility City: ANAHEIM
Facility County: Not reported
Facility State: CA
Facility Zip: 928072511

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D18
East
1/8-1/4
0.129 mi.
680 ft.
WEIR CANYON HONDA
8323 E LA PALMA AVE
ANAHEIM, CA 92807
Site 2 of 4 in cluster D

UST **U004346580**
N/A

Relative: UST:
Lower Name: WEIR CANYON HONDA
Address: 8323 E LA PALMA AVE
Actual: City,State,Zip: ANAHEIM, CA 92807
365 ft. Facility ID: 30-011-000556
Permitting Agency: Anaheim City Fire Department
CERSID: 10428496
Latitude: 33.87631
Longitude: -117.75105

D19
East
1/8-1/4
0.129 mi.
680 ft.
CANYON HONDA
8323 E LA PALMA AVE
ANAHEIM, CA 92807
Site 3 of 4 in cluster D

UST **U004350089**
N/A

Relative: UST:
Lower Name: CANYON HONDA
Address: 8323 E LA PALMA AVE
Actual: City,State,Zip: ANAHEIM, CA 92807
365 ft. Facility ID: 7700
Permitting Agency: Not reported
CERSID: Not reported
Latitude: 33.87526
Longitude: -117.75079

D20
East
1/8-1/4
0.129 mi.
680 ft.
CANYON HONDA
8323 E LA PALMA AVE
ANAHEIM, CA 92807
Site 4 of 4 in cluster D

CA FID UST **S101589335**
N/A

Relative: CA FID UST:
Lower Facility ID: 30006995
Actual: Regulated By: UTNKA
365 ft. Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7147774100
Mail To: Not reported
Mailing Address: 8323 E LA PALMA AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: ANAHEIM 92807
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E21
NE
1/8-1/4
0.138 mi.
728 ft.

CANYON CLEANERS
21520 YORBA LINDA BLVD
YORBA LINDA, CA 92686

CERS HAZ WASTE
DRYCLEANERS
CERS

S121699374
N/A

Site 1 of 4 in cluster E

Relative:
Higher

CERS HAZ WASTE:

Actual:
391 ft.

Name: YORBA CANYON CLEANERS
Address: 21520 YORBA LINDA BLVD STE A
City,State,Zip: YORBA LINDA, CA 92887
Site ID: 412731
CERS ID: 10568284
CERS Description: Hazardous Waste Generator

DRYCLEAN SOUTH COAST:

Name: CANYON CLEANERS
Address: 21520 YORBA LINDA BLVD
City,State,Zip: YORBA LINDA, CA 92686
Facility ID: 75330
Application Number: 216540
Permit Number: D16879
Status: S
Representative Name: C KIM
Representative Telephone: 714 8718890
Permit Status: INACTIVE
BCAT Number: 000234
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number: 04
CCAT Description: VAPOR RECOVERY UNIT COMPRESS & CONDENSE
UTM East: 430.61999512
UTM North: 3747.7900391
Application Date: 10/12/1989
PO Issue Date: 01/26/1990
NAICS Code: Not reported
SIC Code: 7211

CERS:

Name: YORBA CANYON CLEANERS
Address: 21520 YORBA LINDA BLVD STE A
City,State,Zip: YORBA LINDA, CA 92887
Site ID: 412731
CERS ID: 10568284
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 412731
Site Name: YORBA CANYON CLEANERS
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 06/12/2017.
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 412731
Site Name: YORBA CANYON CLEANERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANYON CLEANERS (Continued)

S121699374

Violation Date: 10-01-2014
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 11/30/2014.
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 412731
Site Name: YORBA CANYON CLEANERS
Violation Date: 06-23-2020
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: Not reported
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 412731
Site Name: YORBA CANYON CLEANERS
Violation Date: 10-01-2014
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 11/30/2014.
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-10-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to assist with CERS submittal and conduct a routine inspection. Facility is disclosing 2 chemicals. There were no other materials on site meeting disclosure thresholds.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-19-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: violation status reviewed for re-district staffing
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANYON CLEANERS (Continued)

S121699374

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-10-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-11-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-30-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine hazardous waste inspection. Eun Kwan Park consented to this inspection. Observed facility and inspected hazardous waste storage area. Facility generates the following hazardous wastes: hydrocarbon waste. Containers of hazardous waste were stored closed and properly labeled. Containers appeared to be in good condition. Receipts for waste pickup were available for review. Facility is currently assigned and using active EPA ID# CAL000218313. Emergency information is posted at the front desk Inspected perimeter of facility and found no evidence of hazardous waste runoff/disposal.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-23-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for initial hazardous materials and business emergency plan inspection. Consent to enter, inspect and take photographs was granted by Eun park. Observed the facility and inspected hazardous materials storage. The following hazardous materials were observed in amounts that exceed the required disclosure quantities: -Waste hydrocarbon solvent, drum REQUIREMENT FOR ELECTRONIC SUBMITTAL OF HMBEP DOCUMENTS: This report serves as notice that the facility must submit the following documents electronically within 30 days: -Business Emergency Plan -Hazardous Materials Chemical Inventory -Site Map The facility is responsible for identifying all hazardous materials, to include hazardous wastes, which are above the disclosure thresholds. If there is a change in the type or amount of chemicals that are maintained on site, please submit revised documents (electronically) within 30 days of the change. The E-Submit portal for electronic submittal can be located [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANYON CLEANERS (Continued)

S121699374

Eval General Type:	Other/Unknown
Eval Date:	06-23-2020
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Pursuant to the California Health & Safety Code (H&SC) Chapter 6.95, Section 25508.2, businesses are required to annually review and certify that their information in California Electronic Reporting System (CERS) is complete, accurate and in compliance. Businesses are required to electronically submit their certification by March 1st. Facility has not complied with the requirement to submit the Hazardous Materials and Business Emergency Plan (HMBP) annually via CERS and is now past due. Submit your HMBP documents within 30 days.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-30-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site for a routine hazardous materials inspection. Inspection was conducted with Eun Kwan Park. Facility has been previously notified that documents must be submitted electronically to the State s electronic reporting database, CERS. Violations I292 and I169 for failure to submit required documents remain outstanding. The following hazardous materials were observed in amounts that exceed the required disclosure quantities: -waste hydrocarbon, 55-gallon drum -new hydrocarbon, 200 gallon (machine reservoir) REQUIREMENT FOR ELECTRONIC SUBMITTAL OF HMBEP DOCUMENTS: This report serves as notice that the facility must submit the following documents electronically within 30 days: -Business Emergency Plan -Hazardous Materials Chemical Inventory -Site Map The facility is responsible for identifying all hazardous materials, to include hazardous wastes, which are above the disclosure thresholds. If there is a change in the type or amount of chemicals that are [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-18-2016
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Facility has not complied with the requirement to submit the Hazardous Materials and Business Emergency Plan annually. Electronic submittal was due by March 1, 2016. Submit electronic documents within 30 days.
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-23-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site for a routine hazardous waste inspection. Observed facility and inspected hazardous waste storage areas. Inspection was conducted with Eun Park. Facility generates the following hazardous wastes:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANYON CLEANERS (Continued)

S121699374

waste hydrocarbon. Containers of hazardous waste were stored closed and properly labeled. Containers appeared to be in good condition. Manifests were on site and available for review. Facility is currently assigned and using EPA ID Number CAL000218383. Facility's EPA ID Number is currently INACTIVE. EPA ID Number application form was given to the operator during the inspection. Complete the form and return it to DTSC. Be sure to complete and submit the Annual Verification Questionnaire to DTSC every year to maintain the active status of the EPA ID Number. Emergency response sticker was given to operator for posting during the inspection. Inspected perimeter of the facility and the dumpster area.

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-24-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-10-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On 6/11/2020 your business was notified that it was out of compliance with the annual certification requirement. Your business was directed to certify HMBP documents on CERS within 30 days. To date, your business remains out of compliance. Submit required certification to CERS within 30 days.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-11-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-01-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector Comments: Orange County Environmental Health as the Certified Unified Program Agency (OC CUPA) is the administrating agency for the Hazardous Materials Disclosure and Business Emergency Plan programs (HMD/BEP) previously administered by the Orange County Fire Authority. During the months of August and December of 2013, the OC CUPA sent out letters to regulated businesses requesting them to electronically submit their HMD/BEP forms. Electronic submission of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANYON CLEANERS (Continued)

S121699374

these forms is a legal requirement. Failure to submit HMD/BEP forms is in violation of the California Health & Safety Code Chapter 6.95. According to our records there is no electronic submission for this facility. Please go to www.esubmit.ocgov.com to request a username and password and submit the following HMD/BEP forms within the next 30 days: - Business Activities form - Owner/Operator Identification form - Hazardous Material Chemical Inventory forms - Facility Site Map - Business [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:

Site ID: 412731
Site Name: YORBA CANYON CLEANERS
Site Address: 21520 YORBA LINDA BLVD STE A
Site City: YORBA LINDA
Site Zip: 92887
Enf Action Date: 06-24-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: HMD/BEP NOV ISSUED 6-24-15.
Enf Action Division: Orange County Environmental Health
Enf Action Program: UNSPEC
Enf Action Source: CERS,

Affiliation:

Affiliation Type Desc: Document Preparer
Entity Name: Eunkwan Park
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: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 21520 Yorba Linda BLVD., STE A
Affiliation City: Yorba Linda
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92887
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Eunkwan Park
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: (714) 742-7574,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANYON CLEANERS (Continued)

S121699374

Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6406,
Affiliation Type Desc:	Legal Owner
Entity Name:	Eunkwan Park
Entity Title:	Not reported
Affiliation Address:	1029 Camel CIR.
Affiliation City:	Fullerton
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92833
Affiliation Phone:	(714) 742-7574,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Eunkwan Park
Entity Title:	Not reported
Affiliation Address:	21520 YORBA LINDA BLVD STE A
Affiliation City:	YORBA LINDA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92887
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Eunkwan Park
Entity Title:	Owner
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:	Parent Corporation
Entity Name:	YORBA CANYON CLEANERS
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:	Property Owner
Entity Name:	Eunkwan Park
Entity Title:	Not reported
Affiliation Address:	21520 YORBA LINDA BLVD STE A
Affiliation City:	YORBA LINDA
Affiliation State:	CA
Affiliation Country:	United States

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANYON CLEANERS (Continued)

S121699374

Affiliation Zip: 92887
Affiliation Phone: (714) 742-7574,

E22
NE
1/8-1/4
0.138 mi.
728 ft.

YORBA CANYON CLEANERS
21520 YORBA LINDA BLVD
YORBA LINDA, CA 92887

DRYCLEANERS
HAZNET
HWTS

S113036443
N/A

Site 2 of 4 in cluster E

Relative:
Higher

DRYCLEAN SOUTH COAST:

Actual:
391 ft.

Name: YORBA CANYON CLEANERS
Address: 21520 YORBA LINDA BLVD
City,State,Zip: YORBA LINDA, CA 92887
Facility ID: 121290
Application Number: 362901
Permit Number: F29905
Status: S
Representative Name: DONG HYUK PARK
Representative Telephone: 714 8718890
Permit Status: INACTIVE
BCAT Number: 000601
BCAT Description: DRY CLEANING, DRY-TO-DRY NON-VENT, PERC
CCAT Number: 04
CCAT Description: VAPOR RECOVERY UNIT COMPRESS & CONDENSE
UTM East: 430.23001099
UTM North: 3748.6730957
Application Date: 11/24/1999
PO Issue Date: 05/12/2000
NAICS Code: 812310
SIC Code: 7216

Name: YORBA CANYON CLEANERS
Address: 21520 YORBA LINDA BLVD
City,State,Zip: YORBA LINDA, CA 92887
Facility ID: 121290
Application Number: 436958
Permit Number: F72369
Status: S
Representative Name: DONG HYUK PARK
Representative Telephone: 714 8718890
Permit Status: ACTIVE
BCAT Number: 000233
BCAT Description: DRY CLEANING EQUIP PETROLEUM SOLVENT
CCAT Number: Not reported
CCAT Description: Not reported
UTM East: 430.23001099
UTM North: 3748.6730957
Application Date: 11/09/2004
PO Issue Date: 12/03/2004
NAICS Code: 812310
SIC Code: 7216

HAZNET:

Name: YORBA CANYON CLEANERS
Address: 21520 YORBA LINDA BLVD
Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

City,State,Zip:	YORBA LINDA, CA 928870000
Contact:	CHEONG CHIN KIM
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	21520 YORBA LINDA BLVD STE A
Year:	2005
Gepaid:	CAL000037388
TSD EPA ID:	NVR000076158
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	-
Tons:	Not reported
Year:	2005
Gepaid:	CAL000037388
TSD EPA ID:	NVR000076158
CA Waste Code:	-
Disposal Method:	-
Tons:	Not reported
Year:	2005
Gepaid:	CAL000037388
TSD EPA ID:	NVR000076158
CA Waste Code:	211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	*** - Invalid Code
Tons:	0.1251
Year:	2004
Gepaid:	CAL000037388
TSD EPA ID:	NVR000076158
CA Waste Code:	-
Disposal Method:	-
Tons:	Not reported
Year:	2004
Gepaid:	CAL000037388
TSD EPA ID:	NVR000076158
CA Waste Code:	211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	-
Tons:	0.2301
Year:	2004
Gepaid:	CAL000037388
TSD EPA ID:	NVR000076158
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	-
Tons:	Not reported
Year:	2004
Gepaid:	CAL000037388
TSD EPA ID:	NVR000076158
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	-

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Tons:	Not reported
Year:	2000
Gepaid:	CAL000037388
TSD EPA ID:	CAD008302903
CA Waste Code:	211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	-
Tons:	0
Year:	2000
Gepaid:	CAL000037388
TSD EPA ID:	CAD008302903
CA Waste Code:	211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	R01 - Recycler
Tons:	0.1209
Year:	1999
Gepaid:	CAL000037388
TSD EPA ID:	CAD981397417
CA Waste Code:	211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	-
Tons:	0.2774

[Click this hyperlink](#) while viewing on your computer to access
7 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2000
Gen EPA ID:	CAL000037388
Shipment Date:	20000922
Creation Date:	12/8/2000 0:00:00
Receipt Date:	20001004
Manifest ID:	20473952
Trans EPA ID:	CAD983657719
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.1209
Waste Quantity:	29
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Additional Code 5:	Not reported
Shipment Date:	20000922
Creation Date:	12/8/2000 0:00:00
Receipt Date:	20001004
Manifest ID:	20473952
Trans EPA ID:	CAD983657719
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
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:	1995
Gen EPA ID:	CAL000037388
Shipment Date:	19951122
Creation Date:	7/29/1996 0:00:00
Receipt Date:	19951124
Manifest ID:	95888948
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
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:	19951122

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Creation Date:	7/29/1996 0:00:00
Receipt Date:	19951124
Manifest ID:	95888948
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
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:	19950914
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950915
Manifest ID:	95469724
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0834
Waste Quantity:	20
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:	19950914
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950915
Manifest ID:	95469724
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
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:	19950606
Creation Date:	10/24/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	95661701
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0.1417
Waste Quantity:	34
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:	19950606
Creation Date:	10/24/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	95661701
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Meth Code:	- Not reported
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
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:	19950321
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950322
Manifest ID:	95273264
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD981397417
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
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:	19950321
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950322
Manifest ID:	95273264
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD981397417
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950104
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19950105
Manifest ID:	93592832
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
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:	19950104
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19950105
Manifest ID:	93592832
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.1125
Waste Quantity:	27
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:	2004
Gen EPA ID:	CAL000037388

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Shipment Date: 20041111
Creation Date: 1/14/2005 10:18:48
Receipt Date: 20041116
Manifest ID: 24277944
Trans EPA ID: CAR000063921
Trans Name: CONSOLIDATED WESTERN
Trans 2 EPA ID: CAD981375983
Trans 2 Name: TECHNICHEM INC
TSDF EPA ID: NVR000076158
Trans Name: RESOLVENT INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: F002
Meth Code: - Not reported
Quantity Tons: 0.105
Waste Quantity: 210
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: 20041111
Creation Date: 1/14/2005 10:18:48
Receipt Date: 20041116
Manifest ID: 24277944
Trans EPA ID: CAR000063921
Trans Name: CONSOLIDATED WESTERN
Trans 2 EPA ID: CAD981375983
Trans 2 Name: TECHNICHEM INC
TSDF EPA ID: NVR000076158
Trans Name: RESOLVENT INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues

RCRA Code: D039
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
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: 20041111
Creation Date: 1/14/2005 10:18:48
Receipt Date: 20041116
Manifest ID: 24277944
Trans EPA ID: CAR000063921
Trans Name: CONSOLIDATED WESTERN
Trans 2 EPA ID: CAD981375983
Trans 2 Name: TECHNICHEM INC

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Database(s)

EDR ID Number
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YORBA CANYON CLEANERS (Continued)

S113036443

TSDF EPA ID: NVR000076158
Trans Name: RESOLVENT INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code: NA
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
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: 20041111
Creation Date: 1/14/2005 10:18:48
Receipt Date: 20041116
Manifest ID: 24277944
Trans EPA ID: CAR000063921
Trans Name: CONSOLIDATED WESTERN
Trans 2 EPA ID: CAD981375983
Trans 2 Name: TECHNICHEM INC
TSDF EPA ID: NVR000076158
Trans Name: RESOLVENT INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: F002
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
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: 20040928
Creation Date: 12/21/2004 18:30:50
Receipt Date: 20041005
Manifest ID: 24277635
Trans EPA ID: CAR000063921
Trans Name: CONSOLIDATED WESTERN
Trans 2 EPA ID: CAD981375983
Trans 2 Name: TECHNICHEM INC
TSDF EPA ID: NVR000076158
Trans Name: RESOLVENT INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: F002
Meth Code: - Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Quantity Tons: 0.1251
Waste Quantity: 30
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: 20040928
Creation Date: 12/21/2004 18:30:50
Receipt Date: 20041005
Manifest ID: 24277635
Trans EPA ID: CAR000063921
Trans Name: CONSOLIDATED WESTERN
Trans 2 EPA ID: CAD981375983
Trans 2 Name: TECHNICHEM INC
TSDF EPA ID: NVR000076158
Trans Name: RESOLVENT INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported
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: 1998
Gen EPA ID: CAL000037388

Shipment Date: 19981229
Creation Date: 4/1/1999 0:00:00
Receipt Date: 19981230
Manifest ID: 98889313
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.2107
Waste Quantity: 0.25
Quantity Unit: Y
Additional Code 1: Not reported

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EDR ID Number
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YORBA CANYON CLEANERS (Continued)

S113036443

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981229
Creation Date:	4/1/1999 0:00:00
Receipt Date:	19981230
Manifest ID:	98889313
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
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:	19981118
Creation Date:	3/15/1999 0:00:00
Receipt Date:	19981119
Manifest ID:	98461645
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0834
Waste Quantity:	20
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:	19981118
Creation Date:	3/15/1999 0:00:00

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Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Receipt Date:	19981119
Manifest ID:	98461645
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
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:	19980925
Creation Date:	1/5/1999 0:00:00
Receipt Date:	19980928
Manifest ID:	98535241
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
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:	19980925
Creation Date:	1/5/1999 0:00:00
Receipt Date:	19980928
Manifest ID:	98535241
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417

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Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.0834
Waste Quantity: 20
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: 19980805
Creation Date: 12/7/1998 0:00:00
Receipt Date: 19980806
Manifest ID: 98078033
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.2107
Waste Quantity: 0.25
Quantity Unit: Y
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: 19980805
Creation Date: 12/7/1998 0:00:00
Receipt Date: 19980806
Manifest ID: 98078033
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: F002
Meth Code: R01 - Recycler

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Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Quantity Tons:	0.0834
Waste Quantity:	20
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:	19980611
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980612
Manifest ID:	98347714
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
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:	19980611
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980612
Manifest ID:	98347714
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
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YORBA CANYON CLEANERS (Continued)

S113036443

Additional Code 5: Not reported

Additional Info:

Year: 1996
Gen EPA ID: CAL000037388

Shipment Date: 19961218
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19961219
Manifest ID: 96319512
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.2107
Waste Quantity: 0.25
Quantity Unit: Y
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: 19961218
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19961219
Manifest ID: 96319512
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.0792
Waste Quantity: 19
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: 19961008

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Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Creation Date:	5/21/1997 0:00:00
Receipt Date:	19961009
Manifest ID:	96535570
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0792
Waste Quantity:	19
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:	19961008
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19961009
Manifest ID:	96535570
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
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:	19960710
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960711
Manifest ID:	96109526
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

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EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
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:	19960710
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960711
Manifest ID:	96109526
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0667
Waste Quantity:	16
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:	19960423
Creation Date:	10/4/1996 0:00:00
Receipt Date:	19960424
Manifest ID:	95621636
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002

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Database(s)

EDR ID Number
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YORBA CANYON CLEANERS (Continued)

S113036443

Meth Code:	R01 - Recycler
Quantity Tons:	0.075
Waste Quantity:	18
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:	19960423
Creation Date:	10/4/1996 0:00:00
Receipt Date:	19960424
Manifest ID:	95621636
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
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:	19960124
Creation Date:	10/10/1996 0:00:00
Receipt Date:	19960125
Manifest ID:	95925420
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD981397417
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960124
Creation Date: 10/10/1996 0:00:00
Receipt Date: 19960125
Manifest ID: 95925420
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: CAD981397417
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.0917
Waste Quantity: 22
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: 1997
Gen EPA ID: CAL000037388

Shipment Date: 19971208
Creation Date: 3/31/1998 0:00:00
Receipt Date: 19971209
Manifest ID: 97285268
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: CAD981397417
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.0834
Waste Quantity: 20
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Shipment Date: 19971208
Creation Date: 3/31/1998 0:00:00
Receipt Date: 19971209
Manifest ID: 97285268
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: CAD981397417
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.2107
Waste Quantity: 0.25
Quantity Unit: Y
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: 19971003
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971006
Manifest ID: 96801366
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: CAD981397417
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.2107
Waste Quantity: 0.25
Quantity Unit: Y
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: 19971003
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971006
Manifest ID: 96801366
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD981397417
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.1042
Waste Quantity:	25
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:	19970730
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970731
Manifest ID:	96742150
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
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:	19970730
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970731
Manifest ID:	96742150
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0875
Waste Quantity:	21
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:	19970516
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970519
Manifest ID:	96837951
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSD EPA ID:	CAD981397417
Trans Name:	Not reported
TSD EPA Alt ID:	CAD981397417
TSD EPA Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.1459
Waste Quantity:	35
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:	19970516
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970519
Manifest ID:	96837951
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSD EPA ID:	CAD981397417
Trans Name:	Not reported
TSD EPA Alt ID:	CAD981397417
TSD EPA Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970318
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970319
Manifest ID:	96797685
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
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:	19970318
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970319
Manifest ID:	96797685
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
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:	CAL000037388

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Shipment Date: 19991202
Creation Date: 8/14/2000 0:00:00
Receipt Date: Not reported
Manifest ID: 99712011
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: F002
Meth Code: - Not reported
Quantity Tons: 0.2107
Waste Quantity: 0.25
Quantity Unit: Y
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: 19991202
Creation Date: 8/14/2000 0:00:00
Receipt Date: Not reported
Manifest ID: 99712011
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: F002
Meth Code: - Not reported
Quantity Tons: 0.0667
Waste Quantity: 16
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: 19991027
Creation Date: 5/1/2000 0:00:00
Receipt Date: 19991029
Manifest ID: 99558610
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
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:	19991027
Creation Date:	5/1/2000 0:00:00
Receipt Date:	19991029
Manifest ID:	99558610
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
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:	19990903
Creation Date:	5/3/2000 0:00:00
Receipt Date:	19990913
Manifest ID:	99456235
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD981397417
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0667
Waste Quantity:	16
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:	19990903
Creation Date:	5/3/2000 0:00:00
Receipt Date:	19990913
Manifest ID:	99456235
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSD EPA ID:	CAD981397417
Trans Name:	Not reported
TSD EPA ID:	CAD981397417
TSD Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
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:	19990721
Creation Date:	12/16/1999 0:00:00
Receipt Date:	19990722
Manifest ID:	99455629
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSD EPA ID:	CAD981397417
Trans Name:	Not reported
TSD EPA ID:	CAD981397417
TSD Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.1334
Waste Quantity:	32
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990721
Creation Date:	12/16/1999 0:00:00
Receipt Date:	19990722
Manifest ID:	99455629
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD981397417
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
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:	19990603
Creation Date:	11/22/1999 0:00:00
Receipt Date:	19990604
Manifest ID:	99110989
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981397417
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD981397417
TSDf Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Y
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:	19990603
Creation Date:	11/22/1999 0:00:00
Receipt Date:	19990604

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Manifest ID: 99110989
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: CAD981397417
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.1334
Waste Quantity: 32
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: 2005
Gen EPA ID: CAL000037388

Shipment Date: 20050331
Creation Date: 8/24/2005 7:27:35
Receipt Date: 20050404
Manifest ID: 24421208
Trans EPA ID: CAR000036921
Trans Name: CONSOLIDATED WESTERN
Trans 2 EPA ID: CAD981375983
Trans 2 Name: TECHNICHEM INC
TSDF EPA ID: NVR000076158
Trans Name: RESOLVENT INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported
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: 20050331
Creation Date: 8/24/2005 7:27:35
Receipt Date: 20050404
Manifest ID: 24421208
Trans EPA ID: CAR000036921
Trans Name: CONSOLIDATED WESTERN
Trans 2 EPA ID: CAD981375983

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Trans 2 Name: TECHNICHEM INC
TSDF EPA ID: NVR000076158
Trans Name: RESOLVENT INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code: F002
Meth Code: *** - Invalid Code
Quantity Tons: 0.1251
Waste Quantity: 30
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: 20050331
Creation Date: 8/24/2005 7:27:35
Receipt Date: 20050404
Manifest ID: 24421208
Trans EPA ID: CAR000036921
Trans Name: CONSOLIDATED WESTERN
Trans 2 EPA ID: CAD981375983
Trans 2 Name: TECHNICHEM INC
TSDF EPA ID: NVR000076158
Trans Name: RESOLVENT INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported
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: YORBA CANYON CLEANERS
Address: 21520 YORBA LINDA BLVD
Address 2: Not reported
City,State,Zip: YORBA LINDA, CA 928870000
EPA ID: CAL000037388
Inactive Date: 06/30/2005
Create Date: 08/05/1993
Last Act Date: 12/04/2006
Mailing Name: Not reported
Mailing Address: 21520 YORBA LINDA BLVD STE A
Mailing Address 2: Not reported
Mailing City,State,Zip: YORBA LINDA, CA 928870000
Owner Name: CHEONG CHIN KIM
Owner Address: 21160 VIA COTA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS (Continued)

S113036443

Owner Address 2: Not reported
Owner City,State,Zip: YORBA LINDA, CA --
Contact Name: CHEONG CHIN KIM
Contact Address: INACTIVE PER VQ01 - BMI
Contact Address 2: Not reported
City,State,Zip: YORBA LINDA, CA --

**E23
NE
1/8-1/4
0.138 mi.
728 ft.**

**YORBA CANYON CLEANERS
21520 YORBA LINDA BLVD
YORBA LINDA, CA 92887**

**DRYCLEANERS S103996513
N/A**

Site 3 of 4 in cluster E

**Relative:
Higher
Actual:
391 ft.**

DRYCLEANERS:
Name: YORBA CANYON CLEANERS
Address: 21520 YORBA LINDA BLVD
City,State,Zip: YORBA LINDA, CA 928870000
EPA Id: CAL000218383
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 06/14/2000
Facility Active: No
Inactive Date: 06/30/2012
Facility Addr2: Not reported
Owner Name: DONG HYUK PARK
Owner Address: 21520 YORBA LINDA BLVD
Owner Address 2: Not reported
Owner Telephone: 7147427574
Contact Name: EUN KWAN PARK
Contact Address: 21520 YORBA LINDA BLVD STE A
Contact Address 2: Not reported
Contact Telephone: 7149702061
Contact Fax: Not reported
Mailing Name: DONG HYUK PARK
Mailing Address 1: 21520 YORBA LINDA BLVD STE A
Mailing Address 2: Not reported
Mailing City: YORBA LINDA
Mailing State: CA
Mailing Zip: 928873762
Owner Fax: Not reported
Region Code: 4
Latitude: 33.877677
Longitude: -117.751463

**E24
NE
1/8-1/4
0.138 mi.
728 ft.**

**YORBA CANYON CLEANERS, EUNKWAN PARK
21520 YORBA LINDA BLVD STE A
YORBA LINDA, CA 92887**

**DRYCLEANERS S121696704
N/A**

Site 4 of 4 in cluster E

**Relative:
Higher
Actual:
391 ft.**

DRYCLEAN SOUTH COAST:
Name: YORBA CANYON CLEANERS, EUNKWAN PARK
Address: 21520 YORBA LINDA BLVD STE A
City,State,Zip: YORBA LINDA, CA 92887

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YORBA CANYON CLEANERS, EUNKWAN PARK (Continued)

S121696704

Facility ID: 178432
Application Number: 568435
Permit Number: Not reported
Status: A
Representative Name: EUNKWAN PARK
Representative Telephone: 714 9702061
Permit Status: Not reported
BCAT Number: 000233
BCAT Description: DRY CLEANING EQUIP PETROLEUM SOLVENT
CCAT Number: Not reported
CCAT Description: Not reported
UTM East: 430.23999023
UTM North: 3748.6799316
Application Date: 09/18/2014
PO Issue Date: 12/31/9999
NAICS Code: 812320
SIC Code: 7216

Name: YORBA CANYON CLEANERS, EUNKWAN PARK
Address: 21520 YORBA LINDA BLVD STE A
City,State,Zip: YORBA LINDA, CA 92887
Facility ID: 178432
Application Number: 585525
Permit Number: G40985
Status: A
Representative Name: EUNKWAN PARK
Representative Telephone: 714 9702061
Permit Status: ACTIVE
BCAT Number: 000233
BCAT Description: DRY CLEANING EQUIP PETROLEUM SOLVENT
CCAT Number: Not reported
CCAT Description: Not reported
UTM East: 430.23999023
UTM North: 3748.6799316
Application Date: 05/05/2016
PO Issue Date: 06/24/2016
NAICS Code: 812320
SIC Code: 7216

25
NNE
1/8-1/4
0.138 mi.
729 ft.

COLDWELL BANK
21580 NEW RIVER ROAD
YORBA LINDA, CA 92887

RCRA NonGen / NLR 1024772948
CAC002992865

Relative:
Higher

RCRA NonGen / NLR:
Date Form Received by Agency:

Actual:
411 ft.

COLDWELL BANK
Handler Name:
Handler Address:
Handler City,State,Zip:
EPA ID:
Contact Name:
Contact Address:
Contact City,State,Zip:
Contact Telephone:
Contact Fax:
Contact Email:
Contact Title:

20181213
21580 NEW RIVER ROAD
YORBA LINDA, CA 92887
CAC002992865
BRANCH MANAGER
21580 NEW RIVER ROAD
YORBA LINDA, CA 92887
714-292-4045
Not reported
VALERIE.HUERTA@AMTECHELEVATOR.COM
Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COLDWELL BANK (Continued)

1024772948

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:	21580 NEW RIVER ROAD
Mailing City,State,Zip:	YORBA LINDA, CA 92887
Owner Name:	BRANCH MANAGER
Owner Type:	Other
Operator Name:	BRANCH MANAGER
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-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COLDWELL BANK (Continued)

1024772948

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:	20181220
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:	BRANCH MANAGER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	21580 NEW RIVER ROAD
Owner/Operator City,State,Zip:	YORBA LINDA, CA 92887
Owner/Operator Telephone:	714-292-4045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BRANCH MANAGER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	21580 NEW RIVER ROAD
Owner/Operator City,State,Zip:	YORBA LINDA, CA 92887
Owner/Operator Telephone:	714-292-4045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20181213
Handler Name:	COLDWELL BANK
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
-------------	-------

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COLDWELL BANK (Continued)

1024772948

NAICS Description:

ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:

No Violations Found

Evaluation Action Summary:

Evaluations:

No Evaluations Found

F26
ESE
1/8-1/4
0.161 mi.
852 ft.

WEIR CANYON HONDA
8323 LA PALMA, EAST
ANAHEIM, CA 92807
Site 1 of 3 in cluster F

LUST **S106447506**
Cortese **N/A**

Relative:
Lower

Actual:
349 ft.

LUST:

Name: WEIR CANYON HONDA
Address: 8323 LA PALMA, EAST
City,State,Zip: ANAHEIM, CA 92807
Lead Agency: ANAHEIM CITY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605904169
Global Id: T0605904169
Latitude: 33.875793
Longitude: -117.751223
Status: Completed - Case Closed
Status Date: 09/16/2008
Case Worker: ROW
RB Case Number: 083003997T
Local Agency: ANAHEIM CITY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline, MTBE / TBA / Other Fuel Oxygenates
Site History: Not reported

LUST:

Global Id: T0605904169
Contact Type: Local Agency Caseworker
Contact Name: RICHARD O. WILSON
Organization Name: ANAHEIM CITY
Address: 201 S. ANAHEIM BLVD. #601
City: ANAHEIM
Email: dwilson@anaheim.net
Phone Number: Not reported

Global Id: T0605904169
Contact Type: Regional Board Caseworker
Contact Name: ROSE SCOTT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: rose.scott@waterboards.ca.gov
Phone Number: 9513206375

LUST:

Global Id: T0605904169

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

S106447506

Action Type:	Other
Date:	04/30/2003
Action:	Leak Discovery
Global Id:	T0605904169
Action Type:	RESPONSE
Date:	05/17/2005
Action:	Other Report / Document
Global Id:	T0605904169
Action Type:	RESPONSE
Date:	08/05/2008
Action:	Other Workplan
Global Id:	T0605904169
Action Type:	RESPONSE
Date:	03/23/2005
Action:	Tank Removal Report / UST Sampling Report
Global Id:	T0605904169
Action Type:	ENFORCEMENT
Date:	09/16/2008
Action:	Closure/No Further Action Letter
Global Id:	T0605904169
Action Type:	REMEDIATION
Date:	05/10/2004
Action:	Other (Use Description Field)
Global Id:	T0605904169
Action Type:	Other
Date:	05/04/2004
Action:	Leak Reported
Global Id:	T0605904169
Action Type:	Other
Date:	04/30/2003
Action:	Leak Stopped

LUST:

Global Id:	T0605904169
Status:	Open - Case Begin Date
Status Date:	04/30/2003
Global Id:	T0605904169
Status:	Open - Site Assessment
Status Date:	05/10/2004
Global Id:	T0605904169
Status:	Open - Verification Monitoring
Status Date:	12/08/2005
Global Id:	T0605904169
Status:	Completed - Case Closed
Status Date:	09/16/2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

S106447506

LUST REG 8:

Name:	WEIR CANYON HONDA
Address:	8323 LA PALMA, EAST
City:	ANAHEIM
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Leak being confirmed
Case Number:	083003997T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	8006619,MTBE
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	UM
How Stopped:	Not reported
Leak Cause:	Loose Fitting
Leak Source:	Piping
Global ID:	T0605904169
How Stopped Date:	4/30/2003
Enter Date:	Not reported
Date Confirmation of Leak Began:	5/10/2004
Date Preliminary Assessment Began:	Not reported
Discover Date:	4/30/2003
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	0
Longitude:	0
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	RS
Staff Initials:	SW
Lead Agency:	Local Agency
Local Agency:	30011
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON HONDA (Continued)

S106447506

Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

CORTESE:

Name: WEIR CANYON HONDA
Address: 8323 LA PALMA, EAST
City,State,Zip: ANAHEIM, CA 92807
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0605904169
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

F27
ESE
1/8-1/4
0.162 mi.
854 ft.

WEIR CANYON ACURA
8375 E LA PALMA AVE
ANAHEIM, CA 92808

Site 2 of 3 in cluster F

RCRA-SQG **1001111682**
FINDS **CAR000012203**
ECHO

Relative:
Lower

RCRA-SQG:

Actual:
348 ft.

Date Form Received by Agency: 20010717
Handler Name: WEIR CANYON ACURA
Handler Address: 8375 E LA PALMA AVE
Handler City,State,Zip: ANAHEIM, CA 92808
EPA ID: CAR000012203
Contact Name: LEE JOHNSON
Contact Address: 8375 E LA PALMA AVE
Contact City,State,Zip: ANAHEIM, CA 92808
Contact Telephone: 714-777-3300
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

1001111682

State District:	Not reported
Mailing Address:	8375 E LA PALMA AVE
Mailing City,State,Zip:	ANAHEIM, CA 92808
Owner Name:	D W W A D B A WEIR CANYON ACURA
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
Handler Date of Last Change:	20021007
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

1001111682

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

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	D W W A D B A WEIR CANYON ACURA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8375 E LA PALMA AVE
Owner/Operator City,State,Zip:	ANAHEIM, CA 92808
Owner/Operator Telephone:	714-777-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20010717
Handler Name:	WEIR CANYON ACURA
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:	110002912000
--------------	--------------

[Click Here:](#)

Environmental Interest/Information System:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

1001111682

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: 1001111682
Registry ID: 110002912000
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002912000>
Name: CANYON ACURA
Address: 8375 E LA PALMA AVE
City,State,Zip: ANAHEIM, CA 92807

**F28
ESE
1/8-1/4
0.162 mi.
854 ft.**

**WEIR CANYON ACURA
8375 E LA PALMA AVE
ANAHEIM, CA 92807**

Site 3 of 3 in cluster F

**AST
CERS HAZ WASTE
CERS TANKS
HAZNET
CERS
HWTS**

**S113173616
N/A**

**Relative:
Lower**

**Actual:
348 ft.**

AST:

Name: WEIR CANYON ACURA
Address: 8375 E LA PALMA AVE
City/Zip: ANAHEIM,92807
Certified Unified Program Agencies: Not reported
Owner: DWWA INC
Total Gallons: Not reported
CERSID: 10428499
Facility ID: 30-011-000557
Business Name: WEIR CANYON ACURA
Phone: 714-777-4100
Fax: 7147771765
Mailing Address: 8375 E LA PALMA AVE
Mailing Address City: Anaheim
Mailing Address State: CA
Mailing Address Zip Code: 92807
Operator Name: Paul Swim
Operator Phone: 714-777-4100
Owner Phone: 7147773300
Owner Mail Address: 8375 E LA PALMA AVE
Owner State: CA
Owner Zip Code: 92807
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

Property Owner Country: Not reported
EPAID: CAR000012203

CERS HAZ WASTE:

Name: WEIR CANYON ACURA
Address: 8375 E LA PALMA AVE
City,State,Zip: ANAHEIM, CA 92807
Site ID: 170708
CERS ID: 10428499
CERS Description: Hazardous Waste Generator

CERS TANKS:

Name: WEIR CANYON ACURA
Address: 8375 E LA PALMA AVE
City,State,Zip: ANAHEIM, CA 92807
Site ID: 170708
CERS ID: 10428499
CERS Description: Aboveground Petroleum Storage

HAZNET:

Name: WEIR CANYON ACURA
Address: 8375 E LA PALMA AVE
Address 2: Not reported
City,State,Zip: ANAHEIM, CA 928072511
Contact: CAYTE MACIAS
Telephone: 7147793232
Mailing Name: Not reported
Mailing Address: 8375 E LA PALMA AVE

Year: 2019
Gepaid: CAR000012203
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Tons: 0.25020

Year: 2018
Gepaid: CAR000012203
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: 0.05000

Year: 2018
Gepaid: CAR000012203
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Tons: 0.33360

Year: 2017
Gepaid: CAR000012203
TSD EPA ID: CAT080013352

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.4587
Year:	2016
Gepaid:	CAR000012203
TSD EPA ID:	CAT080013352
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.18765
Year:	2016
Gepaid:	CAR000012203
TSD EPA ID:	CAD097030993
CA Waste Code:	123 - Unspecified alkaline solution
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.02085
Year:	2015
Gepaid:	CAR000012203
TSD EPA ID:	CAT080013352
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.35445
Year:	2014
Gepaid:	CAR000012203
TSD EPA ID:	CAT080013352
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.3753
Year:	2013
Gepaid:	CAR000012203
TSD EPA ID:	CAT080013352
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	12.51
Year:	2013
Gepaid:	CAR000012203
TSD EPA ID:	CAT080013352
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.374

[Click this hyperlink](#) while viewing on your computer to access
15 additional CA HAZNET: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

Additional Info:

Year:	2010
Gen EPA ID:	CAR000012203
Shipment Date:	20100908
Creation Date:	12/3/2010 18:30:57
Receipt Date:	20100908
Manifest ID:	007098556JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
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:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	10.425
Waste Quantity:	2500
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:	20100601
Creation Date:	8/30/2010 18:30:46
Receipt Date:	20100609
Manifest ID:	007101379JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
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:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.374
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

Gen EPA ID:	CAR000012203
Shipment Date:	20170918
Creation Date:	5/30/2018 18:34:06
Receipt Date:	20170920
Manifest ID:	017728284JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
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:	20170404
Creation Date:	5/9/2018 18:32:25
Receipt Date:	20170405
Manifest ID:	016857190JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
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
Additional Info:	
Year:	1998
Gen EPA ID:	CAR000012203
Shipment Date:	19981117

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

Creation Date: 1/13/1999 0:00:00
Receipt Date: 19981117
Manifest ID: 98513750
Trans EPA ID: CAD028277036
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: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.3127
Waste Quantity: 75
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: 19981016
Creation Date: 1/5/1999 0:00:00
Receipt Date: 19981016
Manifest ID: 98511242
Trans EPA ID: CAD028277036
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: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.834
Waste Quantity: 200
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: 19980903
Creation Date: 12/7/1998 0:00:00
Receipt Date: 19980903
Manifest ID: 98168260
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.0425
Waste Quantity: 250
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: 19980507
Creation Date: 7/15/1998 0:00:00
Receipt Date: 19980507
Manifest ID: 98158846
Trans EPA ID: CAD028277036
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: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.5421
Waste Quantity: 130
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: 19980406
Creation Date: 6/16/1998 0:00:00
Receipt Date: 19980407
Manifest ID: 97223534
Trans EPA ID: CAD028277036
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: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.8757
Waste Quantity: 210
Quantity Unit: G
Additional Code 1: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
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WEIR CANYON ACURA (Continued)

S113173616

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2007
Gen EPA ID: CAR000012203

Shipment Date: 20071210
Creation Date: 3/4/2008 18:30:21
Receipt Date: 20071213
Manifest ID: 003561360JJJ
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD097030993
Trans Name: SIEMENS WATER TECHNOLOGIES CORP
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/Recovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.45
Waste Quantity: 900
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: 20071205
Creation Date: 3/5/2008 18:30:20
Receipt Date: 20071205
Manifest ID: 003561016JJJ
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
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: 222 - Oil/water separation sludge
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect

Quantity Tons: 5.421
Waste Quantity: 1300
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

Map ID
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Database(s)

EDR ID Number
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WEIR CANYON ACURA (Continued)

S113173616

Additional Code 5: Not reported

Shipment Date: 20070712
Creation Date: 11/3/2007 18:30:58
Receipt Date: 20070719
Manifest ID: 002533242JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: SIEMENS WATER TECHNOLOGIES CORP
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/Recovery (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: CAR000012203

Shipment Date: 20131219
Creation Date: 2/24/2014 22:15:23
Receipt Date: 20131224
Manifest ID: 012403004JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
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: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

Quantity Tons: 0.0834
Waste Quantity: 20
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: 20131002

Map ID
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WEIR CANYON ACURA (Continued)

S113173616

Creation Date:	11/25/2013 22:15:07
Receipt Date:	20131009
Manifest ID:	011884244JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.1251
Waste Quantity:	30
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:	20130718
Creation Date:	9/22/2013 22:15:19
Receipt Date:	20130724
Manifest ID:	011470464JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.1251
Waste Quantity:	30
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:	20130715
Creation Date:	9/16/2013 22:15:07
Receipt Date:	20130715
Manifest ID:	011470437JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

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EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	12.51
Waste Quantity:	3000
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:	20130531
Creation Date:	8/29/2013 22:15:18
Receipt Date:	20130605
Manifest ID:	009000964JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
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:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.374
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130514
Creation Date:	8/6/2013 22:15:08
Receipt Date:	20130522
Manifest ID:	011469168JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid

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WEIR CANYON ACURA (Continued)

S113173616

Quantity Tons:	Regeneration, Organics Recovery Ect
Waste Quantity:	0.1251
Quantity Unit:	30
Additional Code 1:	G
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2016
Gen EPA ID:	CAR000012203
Shipment Date:	20150916
Creation Date:	1/11/2016 22:15:53
Receipt Date:	20150921
Manifest ID:	014623890JJJ
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSD EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSD Alt EPA ID:	Not reported
TSD Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid
	Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
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:	20150513
Creation Date:	7/16/2015 22:15:18
Receipt Date:	20150515
Manifest ID:	014062324JJJ
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSD EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSD Alt EPA ID:	Not reported
TSD Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid
	Regeneration, Organics Recovery Ect
Quantity Tons:	0.1251
Waste Quantity:	30

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EDR ID Number
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WEIR CANYON ACURA (Continued)

S113173616

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: 2014
Gen EPA ID: CAR000012203

Shipment Date: 20141215
Creation Date: 3/6/2015 22:14:58
Receipt Date: 20141217
Manifest ID: 013747386JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
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: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect

Quantity Tons: 0.1251
Waste Quantity: 30
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: 20140826
Creation Date: 10/31/2014 22:14:44
Receipt Date: 20140902
Manifest ID: 013089879JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
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: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect

Quantity Tons: 0.1251
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
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Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140428
Creation Date:	7/11/2014 22:15:07
Receipt Date:	20140430
Manifest ID:	011883865JJJ
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSD EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSD EPA ID:	Not reported
TSD EPA Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.1251
Waste Quantity:	30
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:	2011
Gen EPA ID:	CAR000012203

Shipment Date:	20110809
Creation Date:	10/22/2011 18:30:26
Receipt Date:	20110817
Manifest ID:	009009197JJJ
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSD EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSD EPA ID:	Not reported
TSD EPA Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
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

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

Shipment Date: 20110118
Creation Date: 4/1/2011 18:30:20
Receipt Date: 20110126
Manifest ID: 008146735JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
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: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect

Quantity Tons: 0.2085
Waste Quantity: 50
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: 2012
Gen EPA ID: CAR000012203

Shipment Date: 20121105
Creation Date: 1/9/2013 22:15:34
Receipt Date: 20121107
Manifest ID: 009571366JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
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: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect

Quantity Tons: 0.1251
Waste Quantity: 30
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: 20120614
Creation Date: 10/4/2012 22:15:11
Receipt Date: 20120620

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Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

Manifest ID: 010157100JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
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: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
0.1251
Quantity Tons: 30
Waste Quantity: G
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: 20120217
Creation Date: 4/20/2012 20:30:44
Receipt Date: 20120222
Manifest ID: 009571742JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
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: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
0.1251
Quantity Tons: 30
Waste Quantity: G
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: CAR000012203

Shipment Date: 19991124
Creation Date: 2/1/2000 0:00:00
Receipt Date: 19991124
Manifest ID: 99774229
Trans EPA ID: CAD028277036
Trans Name: Not reported

Map ID
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Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

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: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.5838
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

Shipment Date: 19991023
Creation Date: 1/11/2000 0:00:00
Receipt Date: 19991024
Manifest ID: 99362866
Trans EPA ID: CAD028277036
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: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.417
Waste Quantity: 100
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: 19991006
Creation Date: 1/11/2000 0:00:00
Receipt Date: 19991015
Manifest ID: 99366558
Trans EPA ID: CAD028277036
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: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

Quantity Tons:	0.7923
Waste Quantity:	190
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:	19990816
Creation Date:	10/28/1999 0:00:00
Receipt Date:	19990817
Manifest ID:	99130020
Trans EPA ID:	CAD028277036
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:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.5212
Waste Quantity:	125
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:	19990617
Creation Date:	8/16/1999 0:00:00
Receipt Date:	19990618
Manifest ID:	99009805
Trans EPA ID:	CAD028277036
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:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.0425
Waste Quantity:	250
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

Shipment Date: 19990309
Creation Date: 5/17/1999 0:00:00
Receipt Date: 19990309
Manifest ID: 98505895
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080025711
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.63
Waste Quantity: 150
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: 2000
Gen EPA ID: CAR000012203

Shipment Date: 20000606
Creation Date: 8/2/2000 0:00:00
Receipt Date: 20000606
Manifest ID: 20227967
Trans EPA ID: CAD028277036
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: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.0425
Waste Quantity: 250
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: 20000328
Creation Date: 6/7/2000 0:00:00
Receipt Date: 20000328
Manifest ID: 99614952
Trans EPA ID: CAD028277036

Map ID
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Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

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:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200
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:	2008
Gen EPA ID:	CAR000012203

Shipment Date:	20081204
Creation Date:	2/4/2009 18:30:27
Receipt Date:	20081210
Manifest ID:	005134671JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.2085
Waste Quantity:	50
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:	20080605
Creation Date:	8/11/2008 18:30:08
Receipt Date:	20080611
Manifest ID:	004549922JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352

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Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

Trans Name: DEMENNO / KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Quantity Tons: 0.2085
Waste Quantity: 50
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: 2015
Gen EPA ID: CAR000012203

Shipment Date: 20150916
Creation Date: 1/11/2016 22:15:53
Receipt Date: 20150921
Manifest ID: 014623890JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
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: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Quantity Tons: 0.22935
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: 20150513
Creation Date: 7/16/2015 22:15:18
Receipt Date: 20150515
Manifest ID: 014062324JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
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

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.1251
Waste Quantity:	30
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:	2009
Gen EPA ID:	CAR000012203

Shipment Date:	20091020
Creation Date:	10/8/2010 18:31:11
Receipt Date:	20091028
Manifest ID:	006106587JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
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:	20090108
Creation Date:	3/24/2009 18:30:09
Receipt Date:	20090114
Manifest ID:	005142055JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid

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MAP FINDINGS

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EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

Quantity Tons: Regeneration, Organics Recovery Ect
0.2085
Waste Quantity: 50
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: 2002
Gen EPA ID: CAR000012203

Shipment Date: 20021002
Creation Date: 2/6/2003 18:31:16
Receipt Date: 20021010
Manifest ID: 22066819
Trans EPA ID: CAL000203445
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981696420
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 222 - Oil/water separation sludge
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.2085
Waste Quantity: 50
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: 1997
Gen EPA ID: CAR000012203

Shipment Date: 19971118
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971118
Manifest ID: 96864600
Trans EPA ID: CAD028277036
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: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

Meth Code:	R01 - Recycler
Quantity Tons:	0.417
Waste Quantity:	100
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:	19971028
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971029
Manifest ID:	96835598
Trans EPA ID:	CAD028277036
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:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.251
Waste Quantity:	300
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:	WEIR CANYON ACURA
Address:	8375 E LA PALMA AVE
City,State,Zip:	ANAHEIM, CA 92807
Site ID:	170708
CERS ID:	10428499
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	170708
Site Name:	WEIR CANYON ACURA
Violation Date:	03-09-2020
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 02/16/2021. V203- Hazardous materials inventory requires update in CERS.
Violation Division:	Anaheim City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,

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Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-20-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violation observed during the inspection.
Eval Division: Anaheim City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-20-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations observed during the inspection.
Eval Division: Anaheim City Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations
Eval Division: Anaheim City Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Anaheim City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Anaheim City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-20-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations observed during the inspection.
Eval Division: Anaheim City Fire Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2020

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Database(s)

EDR ID Number
EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations
Eval Division: Anaheim City Fire Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Anaheim City Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Anaheim City Fire Department
Eval Program: APSA
Eval Source: CERS,

Coordinates:
Site ID: 170708
Facility Name: WEIR CANYON ACURA
Env Int Type Code: HWG
Program ID: 10428499
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.876160
Longitude: -117.750170

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Corey Smith
Entity Title: Not reported
Affiliation Address: 8375 E LA PALMA AVE
Affiliation City: ANAHEIM
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92807
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Corey Smith
Entity Title: Service Director
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

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WEIR CANYON ACURA (Continued)

S113173616

Affiliation Type Desc:	Legal Owner
Entity Name:	DWWA INC
Entity Title:	Not reported
Affiliation Address:	8375 E LA PALMA AVE
Affiliation City:	ANAHEIM
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92807
Affiliation Phone:	(714) 777-3300,
Affiliation Type Desc:	CUPA District
Entity Name:	Anaheim City Fire Department
Entity Title:	Not reported
Affiliation Address:	201 South Anaheim Boulevard, Suite 300
Affiliation City:	Anaheim
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92805
Affiliation Phone:	(714) 765-4047,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	8375 E LA PALMA AVE
Affiliation City:	Anaheim
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92807
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Mike Russell
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:	(714) 777-4100,
Affiliation Type Desc:	Parent Corporation
Entity Name:	WEIR CANYON ACURA
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:	Document Preparer
Entity Name:	Chris Mamoulelis, Celly Services, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

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Database(s)

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EPA ID Number

WEIR CANYON ACURA (Continued)

S113173616

Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:

Name: WEIR CANYON ACURA
Address: 8375 E LA PALMA AVE
Address 2: Not reported
City,State,Zip: ANAHEIM, CA 928070000
EPA ID: CAR000012203
Inactive Date: Not reported
Create Date: 06/20/1996
Last Act Date: 07/14/2020
Mailing Name: Not reported
Mailing Address: 8375 E LA PALMA AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: ANAHEIM, CA 928072511
Owner Name: DWWA INC DBA WEIR CANYON ACURA
Owner Address: 8375 E LA PALMA AVE
Owner Address 2: Not reported
Owner City,State,Zip: ANAHEIM, CA 928082511
Contact Name: CAYTE MACIAS
Contact Address: 8375 E LA PALMA AVE
Contact Address 2: Not reported
City,State,Zip: ANAHEIM, CA 92807

NAICS:

EPA ID: CAR000012203
Create Date: 2002-03-14 16:36:30.000
NAICS Code: 44111
NAICS Description: New Car Dealers
Issued EPA ID Date: 1996-06-20 00:00:00
Inactive Date: Not reported
Facility Name: WEIR CANYON ACURA
Facility Address: 8375 E LA PALMA AVE
Facility Address 2: Not reported
Facility City: ANAHEIM
Facility County: Not reported
Facility State: CA
Facility Zip: 928070000

**29
NW
1/8-1/4
0.212 mi.
1120 ft.**

**SAL LOZANO
5685 AVENIDA BARCELONA
YORBA LINDA, CA 92887**

**RCRA NonGen / NLR 1026800490
CAC003112382**

**Relative:
Higher**

RCRA NonGen / NLR:
Date Form Received by Agency:

**Actual:
415 ft.**

Handler Name: SAL LOZANO
Handler Address: 5685 AVENIDA BARCELONA
Handler City,State,Zip: YORBA LINDA, CA 92887
EPA ID: CAC003112382
Contact Name: SAL LOZANO
Contact Address: 5685 AVENIDA BARCELONA
Contact City,State,Zip: YORBA LINDA, CA 92887
Contact Telephone: 714-801-2775

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAL LOZANO (Continued)

1026800490

Contact Fax:	Not reported
Contact Email:	KIZQUIERDO@JJANDSCONSTRUCTION.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:	5685 AVENIDA BARCELONA
Mailing City,State,Zip:	YORBA LINDA, CA 92887
Owner Name:	SAL LOZANO
Owner Type:	Other
Operator Name:	SAL LOZANO
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

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SAL LOZANO (Continued)

1026800490

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:	20210415
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:	SAL LOZANO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5685 AVENIDA BARCELONA
Owner/Operator City,State,Zip:	YORBA LINDA, CA 92887
Owner/Operator Telephone:	714-801-2775
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAL LOZANO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5685 AVENIDA BARCELONA
Owner/Operator City,State,Zip:	YORBA LINDA, CA 92887
Owner/Operator Telephone:	714-801-2775
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210330
Handler Name:	SAL LOZANO
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

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EDR ID Number
EPA ID Number

SAL LOZANO (Continued)

1026800490

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

30
NW
1/8-1/4
0.218 mi.
1151 ft.

MICHAEL PORSCHE
21640 CALLE DELGADO
YORBA LINDA, CA 92887

RCRA NonGen / NLR

1026167798
CAC003067843

Relative:
Higher

RCRA NonGen / NLR:

Actual:
383 ft.

Date Form Received by Agency: 20200521
Handler Name: MICHAEL PORSCHE
Handler Address: 21640 CALLE DELGADO
Handler City,State,Zip: YORBA LINDA, CA 92887-3590
EPA ID: CAC003067843
Contact Name: MICHAEL PORSCHE
Contact Address: 21640 CALLE DELGADO
Contact City,State,Zip: YORBA LINDA, CA 92887-3590
Contact Telephone: 657-600-5667
Contact Fax: Not reported
Contact Email: DONNAC@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: 21640 CALLE DELGADO
Mailing City,State,Zip: YORBA LINDA, CA 92887-3590
Owner Name: MICHAEL PORSCHE
Owner Type: Other
Operator Name: MICHAEL PORSCHE
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHAEL PORSCHE (Continued)

1026167798

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:	20200608
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:	MICHAEL PORSCHE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	21640 CALLE DELGADO
Owner/Operator City,State,Zip:	YORBA LINDA, CA 92887-3590
Owner/Operator Telephone:	657-600-5667
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHAEL PORSCHE (Continued)

1026167798

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MICHAEL PORSCHE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 21640 CALLE DELGADO
Owner/Operator City,State,Zip: YORBA LINDA, CA 92887-3590
Owner/Operator Telephone: 657-600-5667
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200521
Handler Name: MICHAEL PORSCHE
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

31
North
1/8-1/4
0.231 mi.
1221 ft.

CRISTINA VILLAMIL
5695 WHITEWATER STREET
YORBA LINDA, CA 92887

RCRA NonGen / NLR 1025841687
CAC003021292

Relative:
Higher
Actual:
440 ft.

RCRA NonGen / NLR:

Date Form Received by Agency: 20190625
Handler Name: CRISTINA VILLAMIL
Handler Address: 5695 WHITEWATER STREET
Handler City,State,Zip: YORBA LINDA, CA 92887
EPA ID: CAC003021292
Contact Name: CRISTINA VILLAMIL
Contact Address: 5695 WHITEWATER STREET
Contact City,State,Zip: YORBA LINDA, CA 92887
Contact Telephone: 714-695-0877
Contact Fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRISTINA VILLAMIL (Continued)

1025841687

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:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5695 WHITEWATER STREET
Mailing City,State,Zip:	YORBA LINDA, CA 92887
Owner Name:	CRISTINA VILLAMIL
Owner Type:	Other
Operator Name:	CRISTINA VILLAMIL
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRISTINA VILLAMIL (Continued)

1025841687

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:	20190729
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:	CRISTINA VILLAMIL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5695 WHITEWATER STREET
Owner/Operator City,State,Zip:	YORBA LINDA, CA 92887
Owner/Operator Telephone:	714-695-0877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CRISTINA VILLAMIL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5695 WHITEWATER STREET
Owner/Operator City,State,Zip:	YORBA LINDA, CA 92887
Owner/Operator Telephone:	714-695-0877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190625
Handler Name:	CRISTINA VILLAMIL
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRISTINA VILLAMIL (Continued)

1025841687

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

Count: 3 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
YORBA LINDA	S103643006	CALIFORNIA CLEANERS	22224 #B EAST LA PALMA AVE	92887	DRYCLEANERS
YORBA LINDA	S108543009	KRAMER OIL FIELD	N/A ESPERANZA ROAD		CPS-SLIC
YORBA LINDA	S121693706	ONE HOUR CLEANERS	4935-D YORBA RANCH RD	92887	DRYCLEANERS

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: 01/25/2022	Source: EPA
Date Data Arrived at EDR: 02/03/2022	Telephone: N/A
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 02/03/2022
Number of Days to Update: 19	Next Scheduled EDR Contact: 04/11/2022
	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: 01/25/2022	Source: EPA
Date Data Arrived at EDR: 02/03/2022	Telephone: N/A
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 02/03/2022
Number of Days to Update: 19	Next Scheduled EDR Contact: 04/11/2022
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 04/11/2022
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: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
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 known 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: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/25/2022	Source: EPA
Date Data Arrived at EDR: 02/03/2022	Telephone: 800-424-9346
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 02/03/2022
Number of Days to Update: 19	Next Scheduled EDR Contact: 04/25/2022
	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: 09/13/2021	Source: EPA
Date Data Arrived at EDR: 09/15/2021	Telephone: 800-424-9346
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	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: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	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: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	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: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	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: 11/15/2021	Source: Department of the Navy
Date Data Arrived at EDR: 11/16/2021	Telephone: 843-820-7326
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 02/07/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/23/2022
	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: 11/19/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/19/2021	Telephone: 703-603-0695
Date Made Active in Reports: 02/14/2022	Last EDR Contact: 02/23/2022
Number of Days to Update: 87	Next Scheduled EDR Contact: 06/06/2022
	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: 11/19/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/19/2021	Telephone: 703-603-0695
Date Made Active in Reports: 02/14/2022	Last EDR Contact: 02/23/2022
Number of Days to Update: 87	Next Scheduled EDR Contact: 06/06/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/13/2021

Date Data Arrived at EDR: 09/21/2021

Date Made Active in Reports: 12/15/2021

Number of Days to Update: 85

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 12/16/2021

Next Scheduled EDR Contact: 04/04/2022

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: 10/25/2021

Date Data Arrived at EDR: 10/26/2021

Date Made Active in Reports: 01/14/2022

Number of Days to Update: 80

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 01/25/2022

Next Scheduled EDR Contact: 05/09/2022

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 identifies 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: 10/25/2021

Date Data Arrived at EDR: 10/26/2021

Date Made Active in Reports: 01/14/2022

Number of Days to Update: 80

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 01/25/2022

Next Scheduled EDR Contact: 05/09/2022

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 inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/08/2021

Date Data Arrived at EDR: 11/09/2021

Date Made Active in Reports: 01/28/2022

Number of Days to Update: 80

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 02/08/2022

Next Scheduled EDR Contact: 05/23/2022

Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 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 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 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: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 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 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 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 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

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/12/2021	Source: EPA, Region 5
Date Data Arrived at EDR: 11/15/2021	Telephone: 312-886-7439
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	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: 10/12/2021	Source: EPA Region 10
Date Data Arrived at EDR: 11/15/2021	Telephone: 206-553-2857
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	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: 10/12/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/15/2021	Telephone: 415-972-3372
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/12/2021	Source: EPA Region 8
Date Data Arrived at EDR: 11/15/2021	Telephone: 303-312-6271
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/12/2021	Source: EPA Region 7
Date Data Arrived at EDR: 11/15/2021	Telephone: 913-551-7003
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021	Source: EPA Region 4
Date Data Arrived at EDR: 06/22/2021	Telephone: 404-562-8677
Date Made Active in Reports: 09/20/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 90	Next Scheduled EDR Contact: 05/02/2022
	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: 12/06/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/07/2021	Telephone: 866-480-1028
Date Made Active in Reports: 02/23/2022	Last EDR Contact: 12/07/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/07/2022
Next Scheduled EDR Contact: 04/18/2022
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/18/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/03/2021
Number of Days to Update: 86

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 04/06/2021
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 5
Telephone: 312-886-6136
Last EDR Contact: 02/09/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/12/2021	Source: EPA Region 9
Date Data Arrived at EDR: 11/15/2021	Telephone: 415-972-3368
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	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: 10/12/2021	Source: EPA Region 6
Date Data Arrived at EDR: 11/15/2021	Telephone: 214-665-7591
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	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: 10/12/2021	Source: EPA Region 10
Date Data Arrived at EDR: 11/15/2021	Telephone: 206-553-2857
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	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: 10/14/2021	Source: EPA, Region 1
Date Data Arrived at EDR: 11/15/2021	Telephone: 617-918-1313
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	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: 10/12/2021	Source: EPA Region 8
Date Data Arrived at EDR: 11/15/2021	Telephone: 303-312-6137
Date Made Active in Reports: 02/08/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/25/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/26/2021	Telephone: 916-323-3400
Date Made Active in Reports: 01/14/2022	Last EDR Contact: 01/25/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/09/2022
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 12/14/2021
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfields 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: 09/20/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/21/2021	Telephone: 916-323-7905
Date Made Active in Reports: 12/08/2021	Last EDR Contact: 12/16/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/10/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/10/2021	Telephone: 202-566-2777
Date Made Active in Reports: 08/17/2021	Last EDR Contact: 03/15/2022
Number of Days to Update: 68	Next Scheduled EDR Contact: 03/28/2022
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 11/23/2021
Number of Days to Update: 12

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/23/2022
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: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
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: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
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 Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 11/16/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
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: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
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: 01/13/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

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: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 11/16/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

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: 12/01/2019
Date Data Arrived at EDR: 08/19/2021
Date Made Active in Reports: 10/28/2021
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/25/2021
Date Data Arrived at EDR: 09/03/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/14/2022
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: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/30/2021	Source: DTSC and SWRCB
Date Data Arrived at EDR: 11/30/2021	Telephone: 916-323-3400
Date Made Active in Reports: 02/16/2022	Last EDR Contact: 11/30/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/14/2022
	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: 09/12/2021	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 09/13/2021	Telephone: 202-366-4555
Date Made Active in Reports: 09/28/2021	Last EDR Contact: 12/16/2021
Number of Days to Update: 15	Next Scheduled EDR Contact: 04/04/2022
	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: 09/30/2021	Source: Office of Emergency Services
Date Data Arrived at EDR: 10/19/2021	Telephone: 916-845-8400
Date Made Active in Reports: 01/12/2022	Last EDR Contact: 01/19/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	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: 12/06/2021	Source: State Water Quality Control Board
Date Data Arrived at EDR: 12/07/2021	Telephone: 866-480-1028
Date Made Active in Reports: 02/23/2022	Last EDR Contact: 12/07/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/21/2022
	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: 12/06/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/07/2021	Telephone: 866-480-1028
Date Made Active in Reports: 02/23/2022	Last EDR Contact: 12/07/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
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: 10/26/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 84

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/15/2022
Next Scheduled EDR Contact: 05/30/2022
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: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/14/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 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: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/08/2022
Next Scheduled EDR Contact: 05/23/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
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: 02/01/2022
Next Scheduled EDR Contact: 05/16/2022
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: 02/03/2022
Next Scheduled EDR Contact: 05/16/2022
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: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/18/2022
Next Scheduled EDR Contact: 05/30/2022
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: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 82

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
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: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 03/14/2022
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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-564-6023
Date Made Active in Reports: 12/15/2021	Last EDR Contact: 02/03/2022
Number of Days to Update: 40	Next Scheduled EDR Contact: 05/16/2022
	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: 11/19/2020	Source: EPA
Date Data Arrived at EDR: 01/08/2021	Telephone: 202-566-0500
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 01/07/2022
Number of Days to Update: 73	Next Scheduled EDR Contact: 04/18/2022
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/29/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/18/2022
	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	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	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	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	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: 07/29/2021	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/24/2021	Telephone: 301-415-7169
Date Made Active in Reports: 11/19/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/02/2022
	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	Source: Department of Energy
Date Data Arrived at EDR: 11/30/2021	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 11/30/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/14/2022
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 12/02/2021
Number of Days to Update: 251	Next Scheduled EDR Contact: 03/14/2022
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 02/04/2022
Number of Days to Update: 96	Next Scheduled EDR Contact: 05/16/2022
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 12/27/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 04/11/2022
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 Transportation, 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 Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/08/2022
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: 09/30/2021
Date Data Arrived at EDR: 10/13/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 89

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2022
Next Scheduled EDR Contact: 04/18/2022
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: 09/15/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 90

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
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: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
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: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/17/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/03/2022
Next Scheduled EDR Contact: 04/11/2022
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 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/02/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/23/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: DOL, Mine Safety & Health Admin
Telephone: 202-693-9424
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

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: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
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: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
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: 09/14/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 91

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 03/21/2022
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: 05/05/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 91

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/14/2022
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: 01/01/2022
Date Data Arrived at EDR: 01/04/2022
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020	Source: Department of Defense
Date Data Arrived at EDR: 01/11/2022	Telephone: 703-704-1564
Date Made Active in Reports: 02/14/2022	Last EDR Contact: 01/11/2022
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/25/2022
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 02/22/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/06/2022
	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: 11/15/2021	Source: EPA
Date Data Arrived at EDR: 11/15/2021	Telephone: 800-385-6164
Date Made Active in Reports: 02/01/2022	Last EDR Contact: 02/17/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/30/2022
	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	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	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: 09/20/2021	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 09/21/2021	Telephone: 916-323-3400
Date Made Active in Reports: 12/08/2021	Last EDR Contact: 12/16/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/04/2022
	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: 05/01/2019	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/14/2019	Telephone: 925-454-2361
Date Made Active in Reports: 07/17/2019	Last EDR Contact: 02/08/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 05/23/2022
	Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/29/2021
Date Data Arrived at EDR: 11/29/2021
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 77

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
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: 11/17/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 02/07/2022
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
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: 02/07/2022
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
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: 11/10/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/05/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/18/2021
Date Data Arrived at EDR: 11/19/2021
Date Made Active in Reports: 02/07/2022
Number of Days to Update: 80

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/17/2022
Next Scheduled EDR Contact: 05/23/2022
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: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 02/15/2022
Next Scheduled EDR Contact: 05/30/2022
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: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/15/2022
Next Scheduled EDR Contact: 05/30/2022
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: 10/04/2021
Date Data Arrived at EDR: 10/05/2021
Date Made Active in Reports: 12/22/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/06/2021	Source: Department of Conservation
Date Data Arrived at EDR: 12/07/2021	Telephone: 916-322-1080
Date Made Active in Reports: 02/23/2022	Last EDR Contact: 12/07/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/21/2022
	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: 11/18/2021	Source: Department of Public Health
Date Data Arrived at EDR: 11/30/2021	Telephone: 916-558-1784
Date Made Active in Reports: 02/17/2022	Last EDR Contact: 11/30/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/09/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/09/2021	Telephone: 916-445-9379
Date Made Active in Reports: 01/27/2022	Last EDR Contact: 02/08/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/23/2022
	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: 11/30/2021	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 11/30/2021	Telephone: 916-445-4038
Date Made Active in Reports: 02/17/2022	Last EDR Contact: 11/30/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 11/29/2021	Source: Department of Conservation
Date Data Arrived at EDR: 11/29/2021	Telephone: 916-323-3836
Date Made Active in Reports: 02/11/2022	Last EDR Contact: 11/29/2021
Number of Days to Update: 74	Next Scheduled EDR Contact: 03/21/2022
	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: 03/12/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/16/2021	Telephone: 916-445-3846
Date Made Active in Reports: 06/01/2021	Last EDR Contact: 12/08/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 03/28/2022
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 06/03/2021	Source: Department of Conservation
Date Data Arrived at EDR: 06/03/2021	Telephone: 916-445-2408
Date Made Active in Reports: 08/25/2021	Last EDR Contact: 12/07/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 12/06/2021	Source: State Water Resource Control Board
Date Data Arrived at EDR: 12/07/2021	Telephone: 866-480-1028
Date Made Active in Reports: 02/23/2022	Last EDR Contact: 12/07/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/21/2022
	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	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 07/01/2021	Telephone: 559-445-5577
Date Made Active in Reports: 09/29/2021	Last EDR Contact: 01/07/2022
Number of Days to Update: 90	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 02/11/2022
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/30/2022
	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	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 12/14/2021
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 12/06/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/07/2021	Telephone: 866-480-1028
Date Made Active in Reports: 02/23/2022	Last EDR Contact: 12/07/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
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: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
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: 11/30/2021
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/16/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
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: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
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: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/23/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
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: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

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: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
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: 07/13/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MINES MRDS: 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: 11/23/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

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: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/01/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 75

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 11/01/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
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: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

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: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/04/2022
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: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
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: 10/22/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 85

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 10/01/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 11/30/2021
Date Data Arrived at EDR: 12/01/2021
Date Made Active in Reports: 02/16/2022
Number of Days to Update: 77

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 02/07/2022
Next Scheduled EDR Contact: 05/09/2022
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: 04/09/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 09/17/2021
Number of Days to Update: 86

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/21/2021
Next Scheduled EDR Contact: 04/11/2022
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: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
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: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 84

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
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: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
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: 11/10/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 82

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 82

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
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: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: Varies

LAKE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
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: 02/15/2022
Next Scheduled EDR Contact: 05/02/2022
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: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/14/2021
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 Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 10/08/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 82

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/11/2022
Next Scheduled EDR Contact: 04/25/2022
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: 01/01/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 81

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 12/16/2021
Number of Days to Update: 58	Next Scheduled EDR Contact: 04/04/2022
	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: 10/12/2021	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 10/13/2021	Telephone: 626-458-6973
Date Made Active in Reports: 01/04/2022	Last EDR Contact: 01/07/2022
Number of Days to Update: 83	Next Scheduled EDR Contact: 04/25/2022
	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: 04/19/2021	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/17/2021	Telephone: 213-978-3800
Date Made Active in Reports: 06/28/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 11	Next Scheduled EDR Contact: 04/04/2022
	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: 04/19/2021	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/17/2021	Telephone: 213-978-3800
Date Made Active in Reports: 09/14/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 89	Next Scheduled EDR Contact: 04/04/2022
	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	Source: Community Health Services
Date Data Arrived at EDR: 07/09/2021	Telephone: 323-890-7806
Date Made Active in Reports: 09/29/2021	Last EDR Contact: 01/13/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 04/24/2022
	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	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 01/07/2022
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/25/2022
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 01/13/2022
Number of Days to Update: 65	Next Scheduled EDR Contact: 05/02/2022
	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: 02/02/2021	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 04/28/2021	Telephone: 310-618-2973
Date Made Active in Reports: 07/13/2021	Last EDR Contact: 01/13/2022
Number of Days to Update: 76	Next Scheduled EDR Contact: 05/02/2022
	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	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/12/2020	Telephone: 559-675-7823
Date Made Active in Reports: 10/23/2020	Last EDR Contact: 02/11/2022
Number of Days to Update: 72	Next Scheduled EDR Contact: 05/30/2022
	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	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 12/20/2021
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/11/2022
	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	Source: Department of Public Health
Date Data Arrived at EDR: 11/18/2021	Telephone: 707-463-4466
Date Made Active in Reports: 11/22/2021	Last EDR Contact: 02/17/2022
Number of Days to Update: 4	Next Scheduled EDR Contact: 06/06/2022
	Data Release Frequency: Annually

MERCED COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA MERCED: CUPA Facility List CUPA facility list.

Date of Government Version: 11/24/2021
Date Data Arrived at EDR: 11/29/2021
Date Made Active in Reports: 02/11/2022
Number of Days to Update: 74

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
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: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
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: 01/07/2022
Next Scheduled EDR Contact: 04/11/2022
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: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
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: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 10/27/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 85

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 11/04/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 10/29/2021
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 05/16/2022
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: 09/07/2021
Date Data Arrived at EDR: 09/09/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 81

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
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: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

RIVERSIDE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/29/2021

Date Data Arrived at EDR: 09/30/2021

Date Made Active in Reports: 12/14/2021

Number of Days to Update: 75

Source: Department of Environmental Health

Telephone: 951-358-5055

Last EDR Contact: 12/08/2021

Next Scheduled EDR Contact: 03/28/2022

Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 09/29/2021

Date Data Arrived at EDR: 09/30/2021

Date Made Active in Reports: 12/15/2021

Number of Days to Update: 76

Source: Department of Environmental Health

Telephone: 951-358-5055

Last EDR Contact: 12/08/2021

Next Scheduled EDR Contact: 03/28/2022

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: 12/29/2021

Next Scheduled EDR Contact: 04/11/2022

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: 08/02/2021

Date Data Arrived at EDR: 08/04/2021

Date Made Active in Reports: 11/02/2021

Number of Days to Update: 90

Source: Sacramento County Environmental Management

Telephone: 916-875-8406

Last EDR Contact: 12/29/2021

Next Scheduled EDR Contact: 04/11/2022

Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 11/04/2021

Date Data Arrived at EDR: 11/05/2021

Date Made Active in Reports: 01/24/2022

Number of Days to Update: 80

Source: San Benito County Environmental Health

Telephone: N/A

Last EDR Contact: 01/28/2022

Next Scheduled EDR Contact: 05/16/2022

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/01/2021
Date Data Arrived at EDR: 12/02/2021
Date Made Active in Reports: 02/17/2022
Number of Days to Update: 77

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
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: 11/30/2021
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/16/2022
Number of Days to Update: 78

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
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: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
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: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/03/2022
Date Data Arrived at EDR: 02/04/2022
Date Made Active in Reports: 02/11/2022
Number of Days to Update: 7

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversight 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: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
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: 11/10/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 83

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 79

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/23/2022
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: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/02/2021
Next Scheduled EDR Contact: 03/21/2022
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: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 11/19/2021
Date Data Arrived at EDR: 11/22/2021
Date Made Active in Reports: 02/07/2022
Number of Days to Update: 77

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
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: 02/17/2022
Next Scheduled EDR Contact: 06/06/2022
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: 02/11/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
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: 02/11/2022
Next Scheduled EDR Contact: 05/30/2022
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: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
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: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
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: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
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: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA STANISLAUS: CUPA Facility List Cupa facility list

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks Underground storage tank sites located in Sutter county.

Date of Government Version: 11/23/2021
Date Data Arrived at EDR: 11/29/2021
Date Made Active in Reports: 02/11/2022
Number of Days to Update: 74

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List Cupa facility list

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
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: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TUOLUMNE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
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: 09/29/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 79

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
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: 02/07/2022
Next Scheduled EDR Contact: 05/23/2022
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: 09/29/2021
Date Data Arrived at EDR: 10/21/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 84

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
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: 07/26/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 82

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

YOLO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 09/23/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 78

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 10/27/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 85

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
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: 11/11/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 81

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/11/2022
Next Scheduled EDR Contact: 05/23/2022
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: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
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: 01/28/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
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: 02/14/2022
Next Scheduled EDR Contact: 05/30/2022
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: 12/06/2021
Next Scheduled EDR Contact: 03/21/2022
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

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

BNSF WATERLINE CROSSING
YORBA LINDA BLVD AND ESPERANZA RD
YORBA LINDA, CA 92887

TARGET PROPERTY COORDINATES

Latitude (North):	33.87639 - 33° 52' 35.00"
Longitude (West):	117.753282 - 117° 45' 11.82"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	430333.1
UTM Y (Meters):	3748511.8
Elevation:	376 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12015935 YORBA LINDA, CA
Version Date:	2018
Northeast Map:	12015909 PRADO DAM, CA
Version Date:	2018
Southeast Map:	12015881 BLACK STAR CANYON, CA
Version Date:	2018
Southwest Map:	12014854 ORANGE, 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).

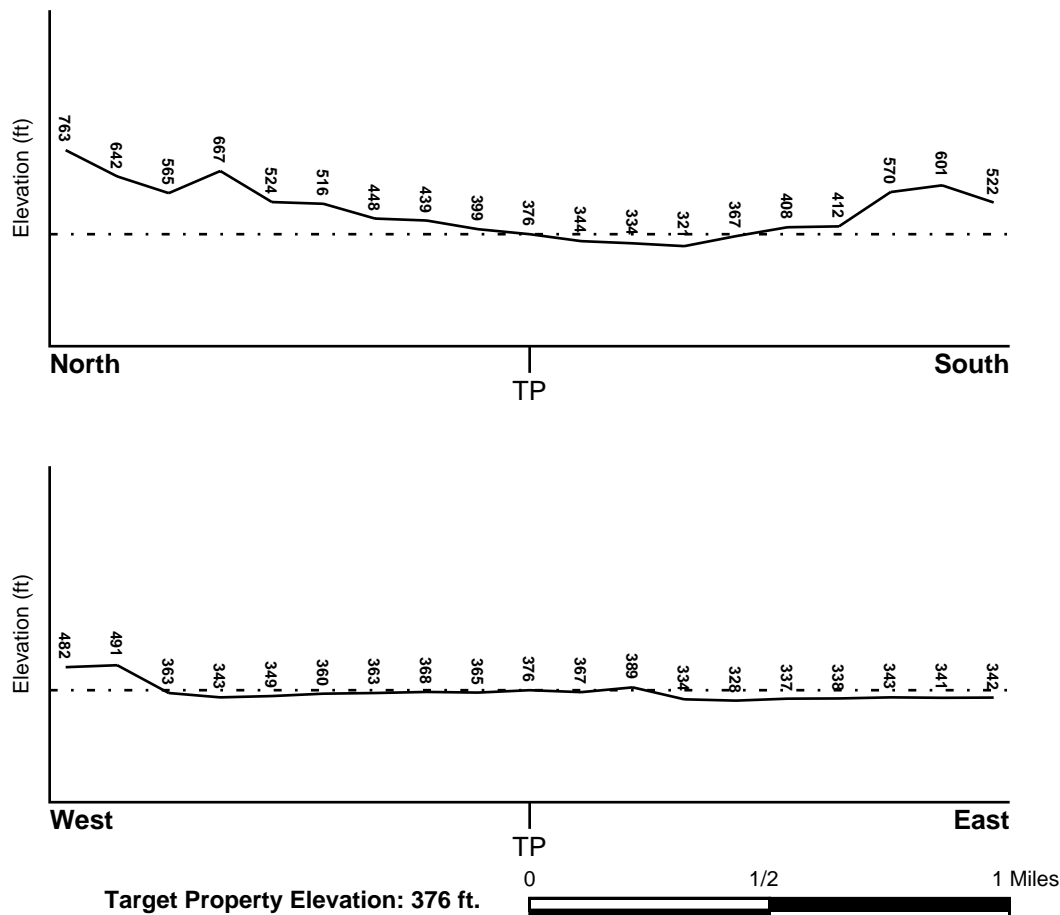
TOPOGRAPHIC INFORMATION

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 South

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

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06037C1900F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06059C0090J	FEMA FIRM Flood data
06059C0069J	FEMA FIRM Flood data
06059C0157J	FEMA FIRM Flood data
06059C0180J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
YORBA LINDA	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

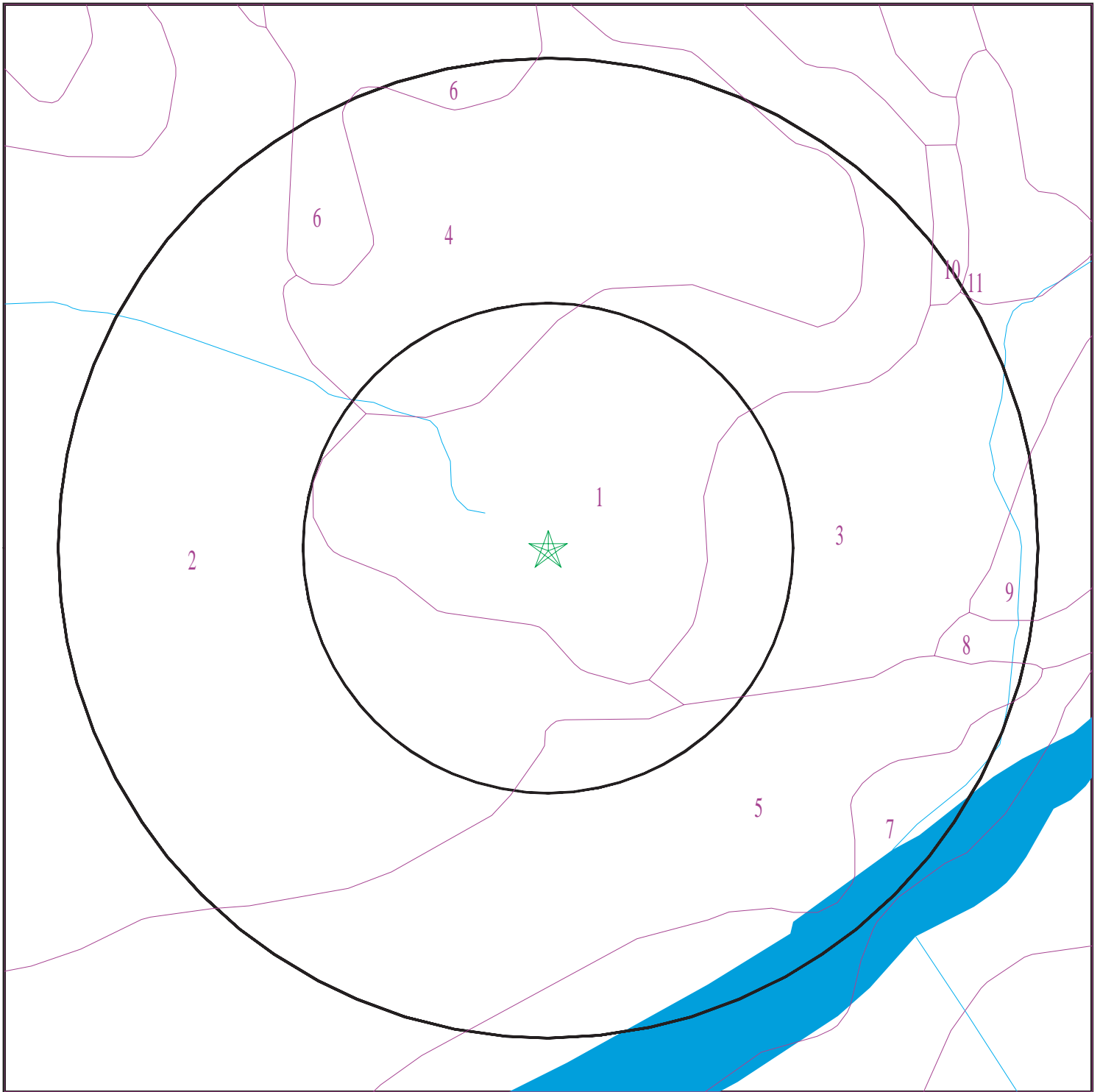
Era:	Cenozoic
System:	Tertiary
Series:	Miocene
Code:	Tm (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6873377.2s



- ★ Target Property
- SSURGO Soil
- Water

0 1/16 1/8 1/4 Miles



SITE NAME: BNSF Waterline Crossing
ADDRESS: Yorba Linda Blvd and Esperanza Rd
Yorba Linda CA 92887
LAT/LONG: 33.87639 / 117.753282

CLIENT: Psomas
CONTACT: Megan Larum
INQUIRY #: 6873377.2s
DATE: February 24, 2022 2:27 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: ALO VARIANT

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	micro m/sec	
1	0 inches	25 inches	clay	Not reported	Not reported	Max: Min:	Max: Min:
2	25 inches	38 inches	clay	Not reported	Not reported	Max: Min:	Max: Min:
3	38 inches	42 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 2

Soil Component Name: MOCHO

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	31 inches	loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.9
2	31 inches	61 inches	loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.9

Soil Map ID: 3

Soil Component Name: SOPER

Soil Surface Texture: cobbly loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	cobbly loam	Not reported	Not reported	Max: Min:	Max: Min:
2	9 inches	29 inches	cobbly clay loam	Not reported	Not reported	Max: Min:	Max: Min:
3	29 inches	33 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 4

Soil Component Name: ALO VARIANT

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	25 inches	clay	Not reported	Not reported	Max: Min:	Max: Min:
2	25 inches	40 inches	clay	Not reported	Not reported	Max: Min:	Max: Min:
3	40 inches	44 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: SAN EMIGDIO

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.9
2	7 inches	61 inches	stratified gravelly loamy coarse sand to very fine sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.9

Soil Map ID: 6

Soil Component Name: BALCOM

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	33 inches	clay loam	Not reported	Not reported	Max: Min:	Max: Min:
2	33 inches	38 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 7

Soil Component Name: CORRALITOS

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6
2	9 inches	59 inches	stratified sand to loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6

Soil Map ID: 8

Soil Component Name: YORBA

Soil Surface Texture: very cobbly sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	very cobbly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 8.4 Min: 5.1
2	11 inches	40 inches	very gravelly sandy clay loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 8.4 Min: 5.1
3	40 inches	62 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 8.4 Min: 5.1

Soil Map ID: 9

Soil Component Name: YORBA

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 8.4 Min: 5.1
2	11 inches	40 inches	very gravelly sandy clay loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 8.4 Min: 5.1
3	40 inches	62 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 8.4 Min: 5.1

Soil Map ID: 10

Soil Component Name: HUENEME

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	27 inches	fine sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.4
2	27 inches	59 inches	stratified sand to silt loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.4

Soil Map ID: 11

Soil Component Name: ANAHEIM

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	25 inches	clay loam	Not reported	Not reported	Max: Min:	Max: Min:
2	25 inches	29 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

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

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
D26	USGS40000138767	1/4 - 1/2 Mile NNE
E35	USGS40000138748	1/2 - 1 Mile East
H43	USGS40000138735	1/2 - 1 Mile East
K45	USGS40000138774	1/2 - 1 Mile WNW
K46	USGS40000138768	1/2 - 1 Mile WNW
J51	USGS40000138757	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	CAEDF0000049274	0 - 1/8 Mile North
A2	CAEDF0000013676	0 - 1/8 Mile North
A3	CAEDF00000098114	0 - 1/8 Mile NNW
A4	CAEDF0000041615	0 - 1/8 Mile North
A5	CAEDF0000014065	0 - 1/8 Mile North
A6	CAEDF0000085842	0 - 1/8 Mile NNW
A7	CAEDF0000132293	0 - 1/8 Mile North
A8	CAEDF0000088176	0 - 1/8 Mile North
A9	CAEDF0000079699	0 - 1/8 Mile NNW
A10	CAEDF0000015816	0 - 1/8 Mile North
A11	CAEDF0000051284	0 - 1/8 Mile North
A12	CAEDF0000006814	0 - 1/8 Mile North
A13	CAEDF0000108850	0 - 1/8 Mile NNE
A14	CAEDF0000009888	0 - 1/8 Mile NNW
A15	CAEDF0000126554	0 - 1/8 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A16	CAEDF0000075138	0 - 1/8 Mile North
A17	CAEDF0000040596	0 - 1/8 Mile NNE
18	CADWR0000026380	1/8 - 1/4 Mile West
B19	CADWR9000006015	1/8 - 1/4 Mile NW
B20	CADWR0000026376	1/8 - 1/4 Mile NW
C21	CADWR0000010861	1/4 - 1/2 Mile East
C22	CADWR9000005998	1/4 - 1/2 Mile East
23	CADWR9000005993	1/4 - 1/2 Mile ESE
D24	CADWR9000006019	1/4 - 1/2 Mile North
25	CADWR9000005984	1/4 - 1/2 Mile SE
D27	CADWR0000035931	1/4 - 1/2 Mile NNE
28	CADWR9000006016	1/2 - 1 Mile WNW
E29	CADWR9000006009	1/2 - 1 Mile East
F30	CAEDF0000086783	1/2 - 1 Mile ENE
F31	CAEDF0000034588	1/2 - 1 Mile ENE
F32	CAEDF0000004280	1/2 - 1 Mile ENE
G33	CADWR0000000014	1/2 - 1 Mile SW
F34	CAEDF0000073588	1/2 - 1 Mile ENE
E36	CADWR0000031162	1/2 - 1 Mile East
37	CADDW0000014517	1/2 - 1 Mile SSW
38	3658	1/2 - 1 Mile SSE
G39	3659	1/2 - 1 Mile SW
H40	CADWR9000006004	1/2 - 1 Mile East
I41	CADWR0000030357	1/2 - 1 Mile WSW
I42	CADWR9000005990	1/2 - 1 Mile WSW
J44	CADWR9000006013	1/2 - 1 Mile East
47	CADWR0000022738	1/2 - 1 Mile SSE
L48	CADWR0000010856	1/2 - 1 Mile SW
L49	CADWR0000004744	1/2 - 1 Mile SW
K50	CADWR0000007169	1/2 - 1 Mile WNW
52	CADWR9000006020	1/2 - 1 Mile WNW
L53	CADWR9000005971	1/2 - 1 Mile SW
M54	CADWR0000019222	1/2 - 1 Mile SW
M55	CADWR9000005961	1/2 - 1 Mile SW
M56	CADWR9000005963	1/2 - 1 Mile SW
M57	CADWR9000005962	1/2 - 1 Mile SW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

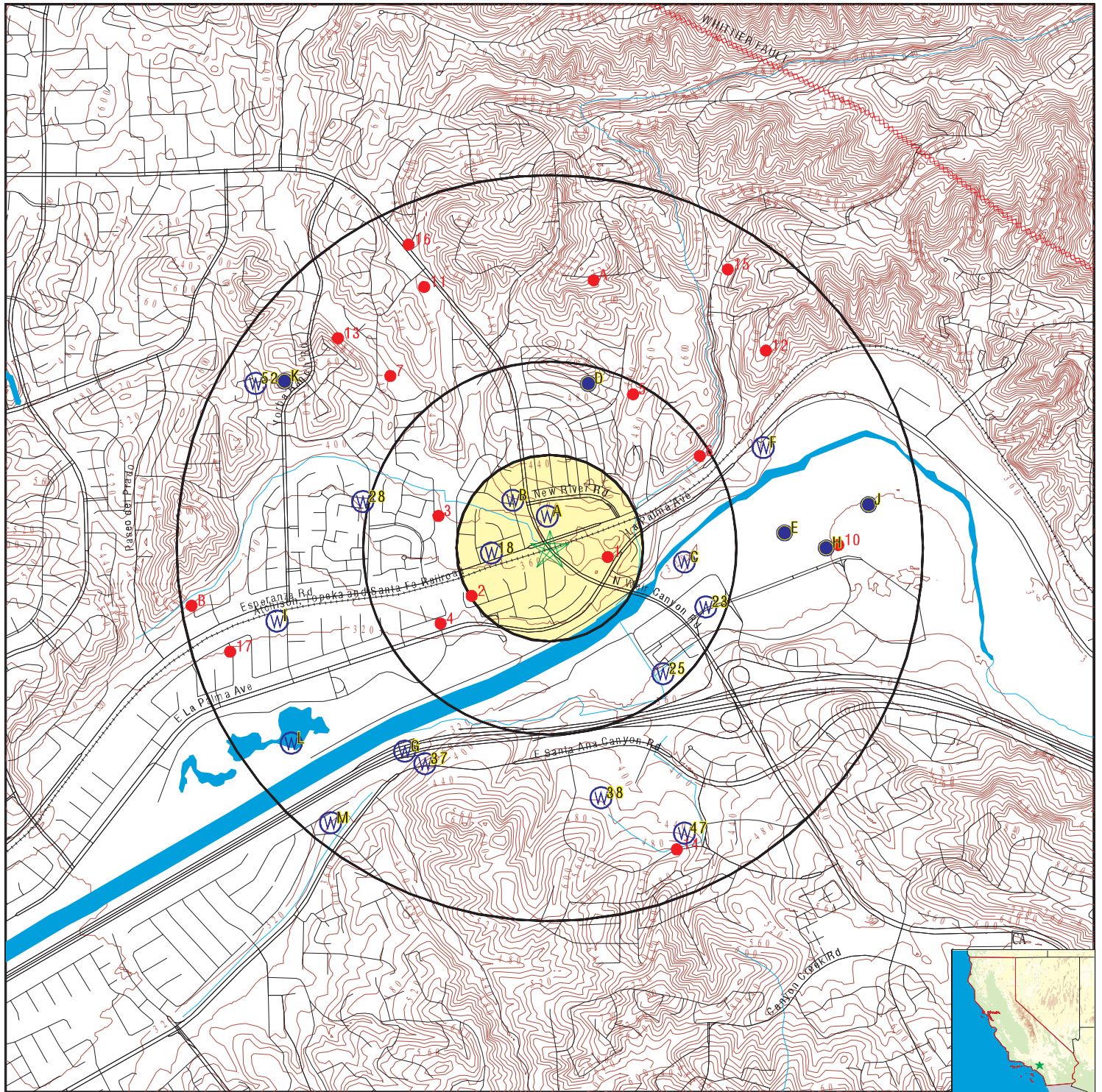
MAP ID	WELL ID	LOCATION FROM TP
1	CAOG14000006004	1/8 - 1/4 Mile East
2	CAOG14000006295	1/8 - 1/4 Mile WSW
3	CAOG14000006160	1/4 - 1/2 Mile WNW
4	CAOG14000006344	1/4 - 1/2 Mile SW
5	CAOG14000006013	1/4 - 1/2 Mile NNE
6	CAOG14000006029	1/4 - 1/2 Mile ENE
7	CAOG14000129530	1/2 - 1 Mile NW
A8	CAOG14000006125	1/2 - 1 Mile North
A9	CAOG14000006149	1/2 - 1 Mile North
10	CAOG14000006320	1/2 - 1 Mile East
11	CAOG14000129529	1/2 - 1 Mile NNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
12	CAOG14000006309	1/2 - 1 Mile NE
13	CAOG14000129528	1/2 - 1 Mile NW
14	CAOG14000006076	1/2 - 1 Mile SSE
15	CAOG14000006016	1/2 - 1 Mile NNE
16	CAOG14000129527	1/2 - 1 Mile NNW
17	CAOG14000006107	1/2 - 1 Mile WSW
B18	CAOG14000129476	1/2 - 1 Mile West
B19	CAOG14000129475	1/2 - 1 Mile West
B20	CAOG14000129471	1/2 - 1 Mile WSW

PHYSICAL SETTING SOURCE MAP - 6873377.2s



- 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: BNSF Waterline Crossing
 ADDRESS: Yorba Linda Blvd and Esperanza Rd
 Yorba Linda CA 92887
 LAT/LONG: 33.87639 / 117.753282

CLIENT: Psomas
 CONTACT: Megan Larum
 INQUIRY #: 6873377.2s
 DATE: February 24, 2022 2:27 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
North
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000049274

Well ID: T0605902266-MW15 Well Type: MONITORING
Source: EDF Other Name: MW15
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902266&assigned_name=MW15&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902266&assigned_name=MW15

A2
North
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000013676

Well ID: T0605902266-MW10 Well Type: MONITORING
Source: EDF Other Name: MW10
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902266&assigned_name=MW10&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902266&assigned_name=MW10

A3
NNW
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000098114

Well ID: T0605902266-MW9 Well Type: MONITORING
Source: EDF Other Name: MW9
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902266&assigned_name=MW9&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902266&assigned_name=MW9

A4
North
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000041615

Well ID: T0605902266-MW8 Well Type: MONITORING
Source: EDF Other Name: MW8
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902266&assigned_name=MW8&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902266&assigned_name=MW8

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A5
North
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000014065

Well ID: T0605902266-MW5A Well Type: MONITORING
Source: EDF Other Name: MW5A
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902266&assigned_name=MW5A&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902266&assigned_name=MW5A

A6
NNW
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000085842

Well ID: T0605902266-MW3 Well Type: MONITORING
Source: EDF Other Name: MW3
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902266&assigned_name=MW3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902266&assigned_name=MW3

A7
North
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000132293

Well ID: T0605902266-MW12 Well Type: MONITORING
Source: EDF Other Name: MW12
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902266&assigned_name=MW12&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902266&assigned_name=MW12

A8
North
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000088176

Well ID: T0605902266-MW2A Well Type: MONITORING
Source: EDF Other Name: MW2A
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902266&assigned_name=MW2A&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902266&assigned_name=MW2A

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A9
NNW
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000079699

Well ID: T0605902266-MW14 Well Type: MONITORING
Source: EDF Other Name: MW14
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902266&assigned_name=MW14&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902266&assigned_name=MW14

A10
North
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000015816

Well ID: T0605902266-MW6 Well Type: MONITORING
Source: EDF Other Name: MW6
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902266&assigned_name=MW6&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902266&assigned_name=MW6

A11
North
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000051284

Well ID: T0605902266-MW13 Well Type: MONITORING
Source: EDF Other Name: MW13
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902266&assigned_name=MW13&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902266&assigned_name=MW13

A12
North
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000006814

Well ID: T0605902266-MW7 Well Type: MONITORING
Source: EDF Other Name: MW7
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902266&assigned_name=MW7&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902266&assigned_name=MW7

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A13
NNE
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000108850

Well ID: T0605902266-MW18 Well Type: MONITORING
Source: EDF Other Name: MW18
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902266&assigned_name=MW18&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902266&assigned_name=MW18

A14
NNW
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000009888

Well ID: T0605902266-MW1 Well Type: MONITORING
Source: EDF Other Name: MW1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902266&assigned_name=MW1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902266&assigned_name=MW1

A15
North
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000126554

Well ID: T0605902266-MW11 Well Type: MONITORING
Source: EDF Other Name: MW11
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902266&assigned_name=MW11&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902266&assigned_name=MW11

A16
North
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000075138

Well ID: T0605902266-MW16 Well Type: MONITORING
Source: EDF Other Name: MW16
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902266&assigned_name=MW16&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902266&assigned_name=MW16

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A17
NNE
0 - 1/8 Mile
Higher

CA WELLS CAEDF0000040596

Well ID: T0605902266-MW17 Well Type: MONITORING
Source: EDF Other Name: MW17
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902266&assigned_name=MW17&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902266&assigned_name=MW17

18
West
1/8 - 1/4 Mile
Lower

CA WELLS CADWR0000026380

Well ID: 03S08W30Q002S Well Type: UNK
Source: Department of Water Resources
Other Name: 03S08W30Q002S 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=03S08W30Q002S&store_num=
GeoTracker Data: Not Reported

B19
NW
1/8 - 1/4 Mile
Higher

CA WELLS CADWR9000006015

State Well #: 03S08W30Q001S Station ID: 4575
Well Name: Not Reported Basin Name: Coastal Plain Of Orange County
Well Use: Unknown Well Type: Unknown
Well Depth: 0 Well Completion Rpt #: Not Reported

B20
NW
1/8 - 1/4 Mile
Higher

CA WELLS CADWR0000026376

Well ID: 03S08W30Q001S Well Type: UNK
Source: Department of Water Resources
Other Name: 03S08W30Q001S 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=03S08W30Q001S&store_num=
GeoTracker Data: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C21
East
1/4 - 1/2 Mile
Lower

CA WELLS CADWR0000010861

Well ID: 03S08W29N001S Well Type: UNK
Source: Department of Water Resources
Other Name: 03S08W29N001S 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=03S08W29N001S&store_num=
GeoTracker Data: Not Reported

C22
East
1/4 - 1/2 Mile
Lower

CA WELLS CADWR9000005998

State Well #: 03S08W29N002S Station ID: 39846
Well Name: Not Reported Basin Name: Coastal Plain Of Orange County
Well Use: Unknown Well Type: Unknown
Well Depth: 0 Well Completion Rpt #: Not Reported

23
ESE
1/4 - 1/2 Mile
Lower

CA WELLS CADWR9000005993

State Well #: 03S08W32D001S Station ID: 38009
Well Name: Not Reported Basin Name: Coastal Plain Of Orange County
Well Use: Unknown Well Type: Unknown
Well Depth: 0 Well Completion Rpt #: Not Reported

D24
North
1/4 - 1/2 Mile
Higher

CA WELLS CADWR9000006019

State Well #: 03S08W30R001S Station ID: 27415
Well Name: Not Reported Basin Name: Not Reported
Well Use: Unknown Well Type: Unknown
Well Depth: 0 Well Completion Rpt #: Not Reported

25
SE
1/4 - 1/2 Mile
Lower

CA WELLS CADWR9000005984

State Well #: 03S08W32D003S Station ID: 4581
Well Name: SCE-YLCS Basin Name: Coastal Plain Of Orange County
Well Use: Industrial Well Type: Single Well
Well Depth: 104 Well Completion Rpt #: 47989

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D26
NNE
1/4 - 1/2 Mile
Higher

FED USGS USGS40000138767

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S008W30R001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels, Number of Measurements:	56	Level reading date:	1982-08-04
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The well was destroyed (no water level is recorded).		

Level reading date:	1982-04-28	Feet below surface:	17.17
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1982-01-25	Feet below surface:	17.29
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1981-11-02	Feet below surface:	18.44
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1981-07-27	Feet below surface:	17.83
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1981-05-05	Feet below surface:	17.38
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1981-02-04	Feet below surface:	17.32
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1980-10-30	Feet below surface:	18.30
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1980-08-25	Feet below surface:	17.73
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1980-06-12	Feet below surface:	17.54
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1980-02-05	Feet below surface:	14.30
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1979-11-13	Feet below surface:	17.05
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1979-07-30	Feet below surface:	16.41
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1979-04-30	Feet below surface:	16.39
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1979-02-01	Feet below surface:	16.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-10-31	Feet below surface:	16.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-02-25	Feet below surface:	17.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-05-06	Feet below surface:	15.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-02-28	Feet below surface:	15.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-01-09	Feet below surface:	16.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-10-21	Feet below surface:	16.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-08-27	Feet below surface:	17.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-06-26	Feet below surface:	16.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-04-29	Feet below surface:	14.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-03-12	Feet below surface:	13.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-01-02	Feet below surface:	16.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-10-30	Feet below surface:	20.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-08-27	Feet below surface:	17.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-06-29	Feet below surface:	17.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-05-08	Feet below surface:	15.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-02-23	Feet below surface:	13.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-12-26	Feet below surface:	14.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-10-26	Feet below surface:	19.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-08-28	Feet below surface:	23.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-06-22	Feet below surface:	22.20
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1972-04-26	Feet below surface:	16.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-02-23	Feet below surface:	11.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-01-03	Feet below surface:	13.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-10-26	Feet below surface:	27.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-08-27	Feet below surface:	24.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-06-28	Feet below surface:	20.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-05-24	Feet below surface:	23.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-04-26	Feet below surface:	15.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-04-01	Feet below surface:	17.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-03-01	Feet below surface:	13.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-02-01	Feet below surface:	13.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-12-01	Feet below surface:	12.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-09-29	Feet below surface:	13.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-08-26	Feet below surface:	19.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-07-31	Feet below surface:	21.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-06-24	Feet below surface:	21.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-05-27	Feet below surface:	17.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-04-27	Feet below surface:	11.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-03-26	Feet below surface:	10.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970-03-04	Feet below surface:	10.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-12-01	Feet below surface:	10.50
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D27

NNE

**1/4 - 1/2 Mile
Higher**

CA WELLS CADWR0000035931

Well ID: 03S08W30R001S Well Type: UNK
Source: Department of Water Resources
Other Name: 03S08W30R001S 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=03S08W30R001S&store_num=
GeoTracker Data: Not Reported

28

WNW

**1/2 - 1 Mile
Lower**

CA WELLS CADWR9000006016

State Well #: 03S08W30N001S Station ID: 38008
Well Name: Not Reported Basin Name: Coastal Plain Of Orange County
Well Use: Unknown Well Type: Unknown
Well Depth: 0 Well Completion Rpt #: Not Reported

E29

East

**1/2 - 1 Mile
Lower**

CA WELLS CADWR9000006009

State Well #: 03S08W29P001S Station ID: 4574
Well Name: Not Reported Basin Name: Coastal Plain Of Orange County
Well Use: Unknown Well Type: Unknown
Well Depth: 0 Well Completion Rpt #: Not Reported

F30

ENE

**1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000086783

Well ID: T0605992989-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=T0605992989&assigned_name=MW-3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605992989&assigned_name=MW-3

F31

ENE

**1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000034588

Well ID: T0605992989-MW-4 Well Type: MONITORING
Source: EDF Other Name: MW-4

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=T0605992989&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605992989&assigned_name=MW-4

**F32
ENE
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000004280

Well ID: T0605992989-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=T0605992989&assigned_name=MW-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605992989&assigned_name=MW-1

**G33
SW
1/2 - 1 Mile
Lower**

CA WELLS CADWR0000000014

Well ID: 03S08W31F001S Well Type: UNK
Source: Department of Water Resources
Other Name: 03S08W31F001S 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=03S08W31F001S&store_num=
GeoTracker Data: Not Reported

**F34
ENE
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000073588

Well ID: T0605992989-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=T0605992989&assigned_name=MW-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605992989&assigned_name=MW-2

**E35
East
1/2 - 1 Mile
Lower**

FED USGS USGS40000138748

Organization ID: USGS-CA
Organization Name: USGS California Water Science Center
Monitor Location: 003S008W29P001S Type: Well
Description: Not Reported HUC: 18070203
Drainage Area: Not Reported Drainage Area Units: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers	Aquifer Type:	Not Reported
Formation Type:	Not Reported	Well Depth:	Not Reported
Construction Date:	Not Reported	Well Hole Depth:	Not Reported
Well Depth Units:	Not Reported		
Well Hole Depth Units:	Not Reported		

Ground water levels, Number of Measurements:	36	Level reading date:	1984-05-18
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The well was destroyed (no water level is recorded).		

Level reading date:	1984-02-21	Feet below surface:	15.92
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1983-11-08	Feet below surface:	16.08
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1983-08-25	Feet below surface:	15.70
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1983-05-10	Feet below surface:	13.78
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1983-02-10	Feet below surface:	14.23
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1982-08-03	Feet below surface:	21.60
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.

Level reading date:	1982-04-28	Feet below surface:	14.45
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1982-01-25	Feet below surface:	14.81
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1981-11-02	Feet below surface:	18.52
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1981-07-27	Feet below surface:	19.52
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1981-05-07	Feet below surface:	16.00
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1981-02-04	Feet below surface:	15.84
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1980-10-30	Feet below surface:	16.40
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1980-06-12	Feet below surface:	15.43
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1980-02-05	Feet below surface:	11.31
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1979-11-13	Feet below surface:	0.00
Feet to sea level:	Not Reported	Note:	The site was being pumped.

Level reading date:	1979-07-30	Feet below surface:	14.95
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1979-04-30	Feet below surface:	13.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-02-01	Feet below surface:	13.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-10-31	Feet below surface:	15.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-02-25	Feet below surface:	16.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-01-12	Feet below surface:	19.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-11-01	Feet below surface:	14.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-05-10	Feet below surface:	13.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-03-12	Feet below surface:	13.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-11-10	Feet below surface:	13.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-08-25	Feet below surface:	13.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-06-24	Feet below surface:	15.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-05-06	Feet below surface:	13.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-02-28	Feet below surface:	13.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-01-09	Feet below surface:	11.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-08-27	Feet below surface:	16.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-03-12	Feet below surface:	12.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-05-08	Feet below surface:	11.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-02-23	Feet below surface:	11.00
Feet to sea level:	Not Reported	Note:	Not Reported

E36
East
1/2 - 1 Mile
Lower

CA WELLS CADWR0000031162

Well ID: 03S08W29P001S
 Source: Department of Water Resources

Well Type: UNK

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Other Name: 03S08W29P001S 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=03S08W29P001S&store_num=
GeoTracker Data: Not Reported

37
SSW
1/2 - 1 Mile
Lower

CA WELLS CADDW0000014517

Well ID: 3000950-001 Well Type: MUNICIPAL
Source: Department of Health Services
Other Name: CHP PERLATA - 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=3000950-001&store_num=
GeoTracker Data: Not Reported

38
SSE
1/2 - 1 Mile
Higher

CA WELLS 3658

Seq:	3658	Prim sta c:	03S/08W-30R01 S
Frds no:	3010001002	County:	30
District:	08	User id:	TEE
System no:	3010001	Water type:	G
Source nam:	SHORB 01 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335200.0	Longitude:	1174500.0
Precision:	8	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:	3010001	System nam:	City Of Anaheim
Hqname:	Not Reported	Address:	P.O. BOX 3222 (#559)
City:	ANAHEIM	State:	CA
Zip:	92805	Zip ext:	Not Reported
Pop serv:	292900	Connection:	57397
Area serve:	ANAHEIM		

G39
SW
1/2 - 1 Mile
Lower

CA WELLS 3659

Seq:	3659	Prim sta c:	03S/08W-31F05 S
Frds no:	3000950001	County:	30
District:	08	User id:	TEE
System no:	3000950	Water type:	G
Source nam:	CHP PERLATA	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	335205.0	Longitude:	1174533.0
Precision:	3	Status:	AU
Comment 1:	SANTA ANA CANYON	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System no:	3000950	System nam:	Caltrans/Chp Santa Ana Weigh Sta.
Hqname:	Not Reported	Address:	691 S. TUSTIN ST.
City:	ORANGE	State:	CA
Zip:	92666	Zip ext:	Not Reported
Pop serv:	100	Connection:	1
Area serve:	Not Reported		

H40 East 1/2 - 1 Mile Lower

CA WELLS CADWR9000006004

State Well #:	03S08W29Q001S	Station ID:	27413
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

I41 WSW 1/2 - 1 Mile Lower

CA WELLS CADWR0000030357

Well ID:	03S08W31D001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	03S08W31D001S	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=03S08W31D001S&store_num=		
GeoTracker Data:	Not Reported		

I42 WSW 1/2 - 1 Mile Lower

CA WELLS CADWR9000005990

State Well #:	03S08W31D001S	Station ID:	4576
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

H43 East 1/2 - 1 Mile Lower

FED USGS USGS40000138735

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S008W29Q001S	Type:	Well
Description:	Not Reported	HUC:	18070203
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:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	90
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels, Number of Measurements:	34	Level reading date:	1985-03-13
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The well was destroyed (no water level is recorded).		
Level reading date:	1984-11-02	Feet below surface:	18.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1984-05-18	Feet below surface:	19.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-11-08	Feet below surface:	18.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-05-10	Feet below surface:	15.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-02-11	Feet below surface:	15.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-11-03	Feet below surface:	19.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-01-25	Feet below surface:	16.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-07-27	Feet below surface:	20.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-05-05	Feet below surface:	17.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-02-04	Feet below surface:	17.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-10-30	Feet below surface:	18.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-08-25	Feet below surface:	17.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-06-12	Feet below surface:	17.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-02-05	Feet below surface:	12.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-11-14	Feet below surface:	17.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-07-30	Feet below surface:	16.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-04-30	Feet below surface:	15.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-02-01	Feet below surface:	14.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-10-31	Feet below surface:	17.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-10-18	Feet below surface:	15.58

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-11-03	Feet below surface:	13.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-02-25	Feet below surface:	15.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-01-12	Feet below surface:	17.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-11-01	Feet below surface:	16.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-05-10	Feet below surface:	14.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-03-12	Feet below surface:	13.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-08-25	Feet below surface:	14.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-05-06	Feet below surface:	14.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-02-28	Feet below surface:	14.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-01-09	Feet below surface:	16.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-10-21	Feet below surface:	17.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-08-27	Feet below surface:	16.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-03-12	Feet below surface:	12.50
Feet to sea level:	Not Reported	Note:	Not Reported

J44
East
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000006013**

State Well #:	03S08W29K001S	Station ID:	27412
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

K45
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000138774**

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center		
Monitor Location:	006S008W30N001S		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19280101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	110
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1977-11-03
Feet below surface:	30.60	Feet to sea level:	Not Reported
Note:	Not Reported		

K46
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000138768**

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18070203
Monitor Location:	003S008W30N002S	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported		
Contrib Drainage Area:	Not Reported	Aquifer Type:	Not Reported
Aquifer:	California Coastal Basin aquifers	Well Depth:	Not Reported
Formation Type:	Not Reported	Well Hole Depth:	Not Reported
Construction Date:	Not Reported		
Well Depth Units:	Not Reported		
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1978-10-31
Feet below surface:	25.24	Feet to sea level:	Not Reported
Note:	Not Reported		

47
SSE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000022738**

Well ID:	03S08W32M001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	03S08W32M001S	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=03S08W32M001S&store_num=		
GeoTracker Data:	Not Reported		

L48
SW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000010856**

Well ID:	03S08W31E001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	03S08W31E001S	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=03S08W31E001S&store_num=		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GeoTracker Data: Not Reported

**L49
SW
1/2 - 1 Mile
Lower**

CA WELLS CADWR0000004744

Well ID: 03S08W31E002S Well Type: UNK
Source: Department of Water Resources
Other Name: 03S08W31E002S 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=03S08W31E002S&store_num=
GeoTracker Data: Not Reported

**K50
WNW
1/2 - 1 Mile
Higher**

CA WELLS CADWR0000007169

Well ID: 03S08W30N002S Well Type: UNK
Source: Department of Water Resources
Other Name: 03S08W30N002S 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=03S08W30N002S&store_num=
GeoTracker Data: Not Reported

**J51
East
1/2 - 1 Mile
Lower**

FED USGS USGS40000138757

Organization ID: USGS-CA
Organization Name: USGS California Water Science Center
Monitor Location: 003S008W29K001S Type: Well
Description: Not Reported HUC: 18070203
Drainage Area: Not Reported Drainage Area Units: Not Reported
Contrib Drainage Area: Not Reported Contrib Drainage Area Units: Not Reported
Aquifer: California Coastal Basin aquifers
Formation Type: Not Reported Aquifer Type: Not Reported
Construction Date: Not Reported Well Depth: Not Reported
Well Depth Units: Not Reported Well Hole Depth: 84
Well Hole Depth Units: ft

Ground water levels, Number of Measurements: 28 Level reading date: 1981-05-05
Feet below surface: Not Reported Feet to sea level: Not Reported
Note: The well was destroyed (no water level is recorded).

Level reading date: 1981-02-09 Feet below surface: 13.67
Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1980-10-30 Feet below surface: 16.44
Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1980-08-25 Feet below surface: 14.96
Feet to sea level: Not Reported Note: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1980-06-12	Feet below surface:	12.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-02-05	Feet below surface:	7.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-11-13	Feet below surface:	13.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-07-30	Feet below surface:	10.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-04-30	Feet below surface:	11.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-02-01	Feet below surface:	10.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-10-18	Feet below surface:	12.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-11-03	Feet below surface:	14.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-02-25	Feet below surface:	12.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-01-12	Feet below surface:	13.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-11-01	Feet below surface:	13.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-05-10	Feet below surface:	12.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-03-12	Feet below surface:	12.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-12-29	Feet below surface:	10.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-11-10	Feet below surface:	12.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-08-25	Feet below surface:	12.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-06-24	Feet below surface:	14.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-05-06	Feet below surface:	12.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-02-28	Feet below surface:	12.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-01-09	Feet below surface:	13.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-10-21	Feet below surface:	14.20
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1974-06-26	Feet below surface:	10.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-03-12	Feet below surface:	13.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-03-09	Feet below surface:	11.20
Feet to sea level:	Not Reported	Note:	Not Reported

52
WNW
1/2 - 1 Mile
Higher

CA WELLS CADWR9000006020

State Well #:	03S08W30N002S	Station ID:	27414
Well Name:	Not Reported	Basin Name:	Not Reported
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

L53
SW
1/2 - 1 Mile
Lower

CA WELLS CADWR9000005971

State Well #:	03S09W36H005S	Station ID:	51688
Well Name:	EMA-AH5	Basin Name:	Coastal Plain Of Orange County
Well Use:	Industrial	Well Type:	Single Well
Well Depth:	84	Well Completion Rpt #:	Not Reported

M54
SW
1/2 - 1 Mile
Lower

CA WELLS CADWR0000019222

Well ID:	03S08W31F004S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	03S08W31F004S	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=03S08W31F004S&store_num=		
GeoTracker Data:	Not Reported		

M55
SW
1/2 - 1 Mile
Lower

CA WELLS CADWR9000005961

State Well #:	03S08W31F004S	Station ID:	4577
Well Name:	Not Reported	Basin Name:	Not Reported
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

M56
SW
1/2 - 1 Mile
Lower

CA WELLS CADWR9000005963

State Well #:	03S08W31M005S	Station ID:	4578
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

M57
SW
1/2 - 1 Mile
Lower

CA WELLS CADWR9000005962

State Well #:	03S08W31M004S	Station ID:	27416
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1

East

1/8 - 1/4 Mile

OIL_GAS

CAOG14000006004

API #: 0405900858
Well Status: Plugged
Lease Name: Lease by Neal H. Anderson
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 1
Well Type: Dry Hole
Field Name: Any Field
GIS Source: hud
Directionally Drilled: N

2

WSW

1/8 - 1/4 Mile

OIL_GAS

CAOG14000006295

API #: 0405901238
Well Status: Plugged
Lease Name: Carrillo Ranch
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 1
Well Type: Dry Hole
Field Name: Any Field
GIS Source: hud
Directionally Drilled: N

3

WNW

1/4 - 1/2 Mile

OIL_GAS

CAOG14000006160

API #: 0405901094
Well Status: Plugged
Lease Name: Oil Investment Co.
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 1
Well Type: Dry Hole
Field Name: Any Field
GIS Source: hud
Directionally Drilled: N

4

SW

1/4 - 1/2 Mile

OIL_GAS

CAOG14000006344

API #: 0405901288
Well Status: Plugged
Lease Name: J. C. Travis
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 1
Well Type: Dry Hole
Field Name: Any Field
GIS Source: hud
Directionally Drilled: N

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

5

NNE

1/4 - 1/2 Mile

OIL_GAS

CAOG14000006013

API #: 0405900870
Well Status: Plugged
Lease Name: Bartholomae Auw
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 1
Well Type: Dry Hole
Field Name: Any Field
GIS Source: hud
Directionally Drilled: N

6

ENE

1/4 - 1/2 Mile

OIL_GAS

CAOG14000006029

API #: 0405900886
Well Status: Idle
Lease Name: Lease by Capitol Oil Co.
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 1
Well Type: Oil & Gas
Field Name: Any Field
GIS Source: hud
Directionally Drilled: N

7

NW

1/2 - 1 Mile

OIL_GAS

CAOG14000129530

API #: 0405905143
Well Status: Plugged
Lease Name: Travis
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 2
Well Type: Oil & Gas
Field Name: Kraemer, Northeast (ABD)
GIS Source: hud
Directionally Drilled: N

A8

North

1/2 - 1 Mile

OIL_GAS

CAOG14000006125

API #: 0405901058
Well Status: Plugged
Lease Name: Gibson-A.U.W.
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 1
Well Type: Dry Hole
Field Name: Any Field
GIS Source: hud
Directionally Drilled: N

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

A9
North
1/2 - 1 Mile

OIL_GAS CAOG14000006149

API #: 0405901083
Well Status: Plugged
Lease Name: Neaves-Esperanza
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 1
Well Type: Dry Hole
Field Name: Any Field
GIS Source: hud
Directionally Drilled: N

10
East
1/2 - 1 Mile

OIL_GAS CAOG14000006320

API #: 0405901263
Well Status: Plugged
Lease Name: Santa Ana Valley Irrigation Co
Field Name: Any Field
GIS Source: hud
Directionally Drilled: N

Well #: 1
Well Type: Dry Hole
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

11
NNW
1/2 - 1 Mile

OIL_GAS CAOG14000129529

API #: 0405905142
Well Status: Plugged
Lease Name: Travis
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 1
Well Type: Oil & Gas
Field Name: Kraemer, Northeast (ABD)
GIS Source: hud
Directionally Drilled: N

12
NE
1/2 - 1 Mile

OIL_GAS CAOG14000006309

API #: 0405901252
Well Status: Plugged
Lease Name: Bryant Estate
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 1
Well Type: Dry Hole
Field Name: Any Field
GIS Source: hud
Directionally Drilled: N

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

13
NW
1/2 - 1 Mile

OIL_GAS CAOG14000129528

API #: 0405905141
Well Status: Plugged
Lease Name: Dominguez-Yorba Unit
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 1
Well Type: Oil & Gas
Field Name: Kraemer, Northeast (ABD)
GIS Source: hud
Directionally Drilled: N

14
SSE
1/2 - 1 Mile

OIL_GAS CAOG14000006076

API #: 0405900996
Well Status: Plugged
Lease Name: Harvill
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 1
Well Type: Dry Hole
Field Name: Any Field
GIS Source: hud
Directionally Drilled: N

15
NNE
1/2 - 1 Mile

OIL_GAS CAOG14000006016

API #: 0405900873
Well Status: Plugged
Lease Name: Bryant Ranch
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 7
Well Type: Dry Hole
Field Name: Any Field
GIS Source: hud
Directionally Drilled: N

16
NNW
1/2 - 1 Mile

OIL_GAS CAOG14000129527

API #: 0405905140
Well Status: Plugged
Lease Name: Dominguez
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 1
Well Type: Oil & Gas
Field Name: Kraemer, Northeast (ABD)
GIS Source: hud
Directionally Drilled: N

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

17
WSW
1/2 - 1 Mile

OIL_GAS CAOG14000006107

API #: 0405901038
Well Status: Plugged
Lease Name: Kesselman-Yorba
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 1
Well Type: Dry Hole
Field Name: Any Field
GIS Source: hud
Directionally Drilled: N

B18
West
1/2 - 1 Mile

OIL_GAS CAOG14000129476

API #: 0405905138
Well Status: Plugged
Lease Name: E. T. Yorba
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 2
Well Type: Oil & Gas
Field Name: Kraemer (ABD)
GIS Source: hud
Directionally Drilled: N

B19
West
1/2 - 1 Mile

OIL_GAS CAOG14000129475

API #: 0405905137
Well Status: Plugged
Lease Name: Travis
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 4
Well Type: Oil & Gas
Field Name: Kraemer (ABD)
GIS Source: hud
Directionally Drilled: N

B20
WSW
1/2 - 1 Mile

OIL_GAS CAOG14000129471

API #: 0405905133
Well Status: Plugged
Lease Name: E. T. Yorba
Area Name: Any Area
Confidential Well: N
Spud Date: Not Reported

Well #: 1
Well Type: Oil & Gas
Field Name: Kraemer (ABD)
GIS Source: hud
Directionally Drilled: N

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92887	46	4

Federal EPA Radon Zone for ORANGE County: 3

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 ORANGE COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.763 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program

State Water Resources Control Board

Telephone: 916-341-5577

The GAMA Program is California's 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 Health 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 States 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 IRRA 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

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APPENDIX E
NOISE CALCULATIONS

Construction Generated Noise

Building Type **Distance (ft)**
Construction Noise at 50 Feet (dBA Leq) 50

Construction Phase	Minimum Required Equipment in Use ¹
Ground Clearing/Demolition	84
Excavation	79
Foundation Construction	78
Building Construction	75
Finishing and Site Cleanup	75

North - Retail along Highland Avenue **Distance (ft)**
Maximum Construction Noise (dBA Leq) 30

Construction Phase	Minimum Required Equipment in Use ¹
Ground Clearing/Demolition	88
Excavation (Site Preparation)	83
Foundation Construction	82
Building Construction	79
Paving	79

West - Wilma Circle Residences **Distance (ft)**
Maximum Construction Noise (dBA Leq) 50

Construction Phase	Minimum Required Equipment in Use ¹
Ground Clearing/Demolition	84
Excavation (Site Preparation)	79
Foundation Construction	78
Building Construction	75
Paving	75

South - Industrial Uses **Distance (ft)**
Maximum Construction Noise (dBA Leq) 15

Construction Phase	Minimum Required Equipment in Use ¹
Ground Clearing/Demolition	94
Excavation (Site Preparation)	89
Foundation Construction	88
Building Construction	85
Paving	85

East - Retail along Highland Avenue **Distance (ft)**
Maximum Construction Noise (dBA Leq) 30

Construction Phase	Minimum Required Equipment in Use ¹
Ground Clearing/Demolition	88
Excavation (Site Preparation)	83
Foundation Construction	82
Building Construction	79
Paving	79

Source: Bolt, Beranek and Newman, "Noise from Construction Equipment and Operations, Building Equipment, and Home Appliances," prepared for the USEPA, December 31, 1971. Based on analysis for Office Building, Hotel, Hospital, School, and Public Works.

Construction Generated Vibration

North - Retail along Highland Avenue			Closest Distance (feet):	65
	Approximate RMS a 66	Approximate RMS 73.000		
Equipment	inch/second	inch/second		
Vibratory roller	0.21	0.050		
Large bulldozer	0.089	0.021		
Small bulldozer	0.003	0.001		
Jackhammer	0.035	0.008		
Loaded trucks	0.076	0.018		
	Criteria	0.200	1700	
West - Wilma Circle Residences			Closest Distance (feet):	55
	Approximate RMS a Velocity at 25 ft, inch/second	Approximate RMS Velocity Level, inch/second		
Equipment				
Vibratory roller	0.21	0.064		
Large bulldozer	0.089	0.027		
Small bulldozer	0.003	0.001		
Jackhammer	0.035	0.011		
Loaded trucks	0.076	0.023		
	Criteria	0.200		
South - Industrial Uses			Closest Distance (feet):	20
	Approximate RMS a Velocity at 25 ft, inch/second	Approximate RMS Velocity Level, inch/second		
Equipment				
Vibratory roller	0.21	0.293		
Large bulldozer	0.089	0.124		
Small bulldozer	0.003	0.004		
Jackhammer	0.035	0.049		
Loaded trucks	0.076	0.106		
	Criteria	0.500		
East - Retail along Highland Avenue			Closest Distance (feet):	40
	Approximate RMS a Velocity at 25 ft, inch/second	Approximate RMS Velocity Level, inch/second		
Equipment				
Vibratory roller	0.21	0.104		
Large bulldozer	0.089	0.044		
Small bulldozer	0.003	0.001		
Jackhammer	0.035	0.017		
Loaded trucks	0.076	0.038		
	Criteria	0.200		
Based on distance to nearest structure				
¹ Determined based on use of jackhammers or pneumatic hammers that may be used for pavement demolition at a distance of 25 feet				
Notes: RMS velocity calculated from vibration level (VdB) using the reference of one microinch/second.				
Source: Based on methodology from the United States Department of Transportation Federal Transit Administration, <i>Transit Noise and Vibration Impact Assessment</i> (2006).				