Hueneme Road Widening Project

SCH# 2023080368

Final Environmental Impact Report

Prepared for:

Ventura County Department of Public Works
800 South Victoria Avenue
Ventura, CA 93009

Prepared by:

GPA Consulting
840 Apollo Street, Suite 312
El Segundo, CA 90245

November 2025

Exhibit 3

TABLE OF CONTENTS

1.0 Introduction 12
1.1 Purpose of EIR 12
1.2 Project Overview 12
1.3 CEQA Process 13
1.4 Report Organization 15
2.0 Project Description 16
2.1 Project Site Location and Description 16
2.2 Project Background 20
2.3 Project Objectives 20
2.4 Proposed Project 21
2.5 Construction 26
2.6 Alternatives to the Project 26
2.7 Discretionary Approvals and Permits 26
3.0 Environmental Impact Analysis 28
3.1 Impacts Found Not to be Significant 28
3.2 Organization of Each Resource Section 31
3.3 Agriculture and Foresty Resources 31
3.4 Air Quality 38
3.5 Biological Resources 55
3.6 Cultural Resources 78
3.7 Greenhouse Gas Emissions 88
3.8 Hazards and Hazardous Materials 98
3.9 Hydrology and Water Quality 116
3.10 Noise 128
3.11 Transportation 134
3.12 Tribal Cultural Resources 147
3.13 Utilities and Service Systems 152
3.14 Mandatory Findings of Significance 158
4.0 Other CEQA Considerations 162

4.1 Cumulative Impact Analysis 162
4.2 Alternatives Analysis 176
4.3 Growth-Inducing Impacts of the Proposed Action 178
4.4 Significant Environmental Effects 179
4.5 Significant and Irreversible Environmental Changes 179
4.6 Energy Conservation 179
5.0 Comments and Coordination 182
5.1 Introduction 182
5.2 Consultation and Coordination with Public Agencies 182
5.3 Public Participation 183
6.0 References 184

List of Figures

Figure 2.1-1. Regional Location Map 17
Figure 2.1-2. Project Location Map 18
Figure 2.1-3. Land Use Map 19
Figure 3.3-1. Farmland Within One Mile 35
Figure 3.5-1. Biological Study Area 60
Figure 3.5-2. Vegetation and Cover Classes 63
Figure 3.5-3. Regional Water Quality Control Board Jurisdiction 65
Figure 3.5-4. California Department of Fish and Wildlife Jurisdiction 66
Figure 3.5-5. Potential Impacts on Special-Status Natural Communities 70
Figure 3.5-6. Regional Water Quality Control Board Jurisdictional Impacts 71
Figure 3.5-7. California Department of Fish and Wildlife Jurisdictional Impacts 72
Figure 3.6-1. Area of Potential Effects Map 85
Figure 3.8-1. Hazardous Waste Sites Map 107
Figure 3.8-2. Potential Recognized Environmental Conditions 108
Figure 3.9-1. Watershed Map 121
Figure 3.9-2. Federal Emergency Management Agency Flood Insurance Rate Map 123
Figure 3.10-1. Noise Levels of Common Activities 131

List of Tables

Table ES-1. Summary of Impacts and Mitigation Measures 4
Table 2.4-1. Right-of-Way Impacts 22
Table 2.5-1. Project Schedule 26
Table 3.3-1. Farmland Loss Thresholds 33
Table 3.3-2. Williamson Act Properties Within or Adjacent to the Project Area 34
Table 3.3-3. Ventura County Significance Criteria for Agriculture Impacts 37
Table 3.4-1. National and State Air Quality Standards 40
Table 3.4-2. State and Federal Criteria Air Pollutant Effects and Sources 44
Table 3.4-3. Air Quality Concentrations for the Past Five Years Measured at El Rio-Rio Mesa School #2 and Reseda Ambient Air Quality Monitoring Stations 46
Table 3.4-4. State and Federal Attainment Status of the South Central Coast Air Basin 47
Table 3.4-5. Ventura County Air Pollution Control District Ozone Thresholds 49
Table 3.4-6: South Coast Air Quality Management District Air Quality Significance Thresholds 49
Table 3.4-7.Construction Emissions of Criteria Air Pollutants & Precursors 50
Table 3.4-8. Summary of Comparative Operational Emissions Analysis 51
Table 3.6-1. Previously Identified Buil Environment Resources in the APE 84
Table 3.7-1. Construction-Generated Greenhouse Gas Emissions 96
Table 3.7-2. Summary of Comparative Greenhouse Gas Emissions and Traffic Conditions 97
Table 3.10-1. Typical Construction Equipment Noise Levels 133
Table 3.11-1. Project VMT Results - Countywide Area 144
Table 3.11-2. VMT Reductions from Induced Bicycle Demand 146
Table 4.1-1. Current and Future Development Projects 163

List of Appendices

Appendix A: Notice of Preparation and Initial Study
Appendix B: Responses Received on Notice of Preparation
Appendix C: Air Quality Report
Appendix D: Biological Resource Assessment
Appendix E: Initial Site Assessment

Appendix F: Hydrology Study Report

Appendix G: Water Quality Assessment Report

Appendix H: Noise Study Report

Appendix I: Traffic Study Report

Appendix J: Mitigation Monitoring and Reporting Program

Appendix K: Written Comments Received and Response to Comments

Appendix L: Statement of Findings

ACRONYMS AND ABBREVIATIONS

General Plan	County of Ventura General Plan
AB	Assembly Bill
ADI	Area of Direct Impact
ADL	Aerially Deposited Lead
AGR	Agriculture
APE	Area of Potential Effects
APN	Assessor's Parcel Number
APS	Alternative Planning Strategy
AST	Aboveground Storage Tank
ATP	Ventura County Active Transportation Plan
ASTM	American Society of Test Materials
basin	Santa Clara River Valley Groundwater Basin
Basin Plan	Water Quality Control Plan
BIOL	Preservation of Biological Habitats
BIOS	Biogeographic Information and Observation System
BMP	Best Management Practices
BRA	Biological Resources Assessment
BSA	Biological Study Area
BTU	British Thermal Units
CA	California
CAAQS	California Ambient Air Quality Standards
CalEPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire Protection
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CDOC	California Department of Conservation

CEC	California Energy Commission
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERFLA	Community Environmental Response Facilitation Act
CESA	California Endangered Species Act
CEQA Guidelines	Guidelines for the Implementation of CEQA
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CGP	Construction General Permit
CH_4	Methane
CHRIS	California Historical Resources Information System
CHWCA	California Hazardous Waste Control Act
CLG	Certified Local Government
CMP	Congestion Management Program
CMWD	Calleguas Municipal Water District
CNDDB	California Natural Diversity Database
CNPS	California Native Plant Society
CNRA	California Natural Resources Agency
CO	Carbon Monoxide
CO_2	Carbon Dioxide
CO_2e	Carbon Dioxide Equivalents
COLD	Cold Freshwater Habitat
COMM	Commercial and Sport Fishing
County	Ventura County Department of Public Works
CRHR	California Register of Historical Resources
CRPR	California Rare Plant Rank
CTC	California Transportation Commission
CTP	Ventura County Comprehensive Transportation Plan
CUPA	Certified Unified Program Agency
CWA	Clean Water Act

dBA	Decibels
EIR	Environmental Impact Report
EO	Executive Order
ESA	Environmentally Sensitive Area
EST	Estuarine Habitat
˚F	Fahrenheit
FCAA	Federal Clean Air Act
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FHSZ	Fire Hazard Severity Zone
FHWA	Federal Highway Administration
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FRSH	Freshwater Habitat
FTIP	Federal Transportation Improvement Program
GHG	Greenhouse Gas
GWP	Global Warming Potential
GWR	Groundwater Recharge
H_2S	Hydrogen Sulfide
HCP	Habitat Conservation Plan
HFC	Hydrofluorocarbons
HRER	Historic Resources Evaluation Report
HSC	California Health and Safety Code
HSWA	Hazardous and Solid Waste Amendments
IND	Industrial Supply
IPaC	Information for Planning and Conservation
ISA	Initial Site Assessment
ISTEA	Intermodal Surface Transportation Efficiency Act of 1991
IWMD	Integrated Waste Management Division
LUST	Leaking Underground Storage Tank
MAR	Marine Habitat

MBTA	Migratory Bird Treaty Act
MIGR	Migration of Aquatic Organisms
MLD	Most Likely Descendent
$MTCO_2e$	Metric Tons of Carbon Dioxide Equivalents
MPO	Metropolitan Planning Organization
MS4	Municipal Separate Storm Sewer System
MUN	Domestic and Municipal Supply
N_2O	Nitrous Oxide
NAAQS	National Ambient Air Quality Standards
NAC	Noise Abatement Criteria
NAHA	Native American Heritage Act
NAHC	Native American Heritage Commission
NAV	Navigation
NBVC	Naval Base Ventura County
NCP	National Contingency Plan
NHPA	National Historic Preservation Act
NMFS	National Marine Fisheries Service
NO_2	Nitrogen Dioxide
NOI	Notice of Intent
NOP	Notice of Preparation
NOT	Notice of Termination
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
O_3	Ozone
OHP	Office of Historic Preservation
OVMWD	Ocean View Municipal Water District
OHWM	Ordinary High Water Mark
OSHA	Occupational Health and Safety Act
Pb	Lead

PCB	Polychlorinated Biphenyls
PFC	Perfluorocarbons
PM	Particulate Matter
$PM_{2.5}$	Particles of 2.5 micrometers or smaller
PM_{10}	Particles of 10 micrometers or smaller
PRC	California Public Resources Code
PROC	Industrial Process Supply
QPE	Qualifying Precipitation Events
RARE	Rare, Threatened, Or Endangered Species
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Conditions
RL	Risk Level
ROG	Reactive Organic Gases
ROW	Right-of-Way
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCCAB	South Central Coast Air Basin
SCCIC	South Central Coastal Information Center
SCE	Southern California Edison
SCS	Sustainable Communities Strategy
SDWA	Safe Drinking Water Act
SF_6	Sulfur Hexafluoride
SHELL	Shellfish Harvesting
SHPO	State Historic Preservation Officer
SHRC	State Historical Resources Commission
SIP	State Implementation Plan
SLCP Strategy	Short-Lived Climate Pollutant Reduction Strategy

SMARTS	Stormwater Multiple Applicant and Report Tracking System
SO_2	Sulfur Dioxide
SPCC	Spill, Prevention, Control, and Countermeasure
SPWN	Spawning, Reproduction, and/or Early Development
SRA	State Responsibility Area
SR	State Route
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	Toxic Air Contaminants
TEA-21	Transportation Equity Act for the 21st Century
TCE	Temporary Construction Easement
TSCA	Toxic Substances Control Act
Unified Program	Unified Hazardous Waste and Hazardous Materials Management Regulatory Program
USACE	United State Army Corps of Engineers
USFWS	United States Fish and Wildlife Service
UST	Underground Storage Tank
U.S.	United States
U.S. DOT	United States Department of Transportation
U.S. EPA	United States Environmental Protection Agency
UWCD	United Water Conservation District
VCAPCD	Ventura County Air Pollution Control District
VCAQMP	Ventura County Air Quality Management Plan
VCBMP	Ventura Countywide Bicycle Master Plan
VCEHD	Ventura County Environmental Health Division
VCTC	Ventura County Transportation Commission
VCTM	Ventura County Transportation Model
VCWPD	Ventura County Watershed Protection District
VMT	Vehicle Miles Traveled
WARM	Warm Freshwater Habitat

WET	Wetland Habitat
WDR	Waste Discharge Requirements
WILD	Wildlife Habitat

EXECUTIVE SUMMARY

The Executive Summary provides the reader with a clear and simple description of the project and its potential environmental impacts. Section 15123 of the California Environmental Quality Act (CEQA) Guidelines require that the summary identify each significant impact, recommended mitigation measure(s), and alternatives that would minimize or avoid potential significant impacts. The County of Ventura (County) is the Lead Agency pursuant to CEQA, and the California Department of Transportation (Caltrans) is the Lead Agency pursuant to the National Environmental Policy Act (NEPA). The summary is also required to identify areas of controversy known to the Lead Agency, including issues raised by agencies and the public. Finally, the summary is required to identify issues to be resolved including the choice among alternatives and whether or how to mitigate the significant impacts. This section focuses on the major areas of the project that are important to decision-makers.

Introduction

As required by CEQA, when a state or local agency determines that there is substantial evidence that a project may have a significant impact on the environment, the agency must prepare an Environmental Impact Report (EIR) before a decision is made to approve or deny the project. After a preliminary assessment of the Hueneme Road Widening Project (project), the County determined that there is substantial evidence that the project may have a significant impact on the environment; therefore, the preparation of an EIR is required.

This EIR is intended to provide public agencies and the public with information about 1) existing environmental conditions; 2) the environmental impacts of the project; 3) identification of ways in which significant impacts of the project might be minimized; and 4) alternatives to the project that would lessen or avoid those impacts identified as significant. The County will consider the information in this EIR in their evaluation of the project.

Overview of the Project

Caltrans, as assigned by the Federal Highway Administration (FHWA), in cooperation with the County, proposes to widen Hueneme Road from two lanes (one lane in each direction) to four 12-foot through lanes (two in the eastbound direction and two in the westbound direction). Additionally, construction would include a 14-foot paved median, two 6-foot bike lanes on either side of the roadway with a 2-foot buffer between the bicycle lanes and the traffic lanes, and two 4-foot shoulders on either side of Hueneme Road between Edison Drive and Rice Avenue (project area). All existing left-turn lanes would be retained as part of the project. The total width of the new roadway would vary between 63 to 72 feet. The widened roadway would taper to the existing configuration approximately 1,200 feet east of Rice Avenue. Caltrans, as assigned by the FHWA, is the lead agency under NEPA. The County is the lead agency under CEQA.

The existing centerline of the road would be shifted as part of the roadway widening. Construction of the widened roadway would require a maximum ground disturbance of approximately 12 to 14 inches in depth to install the new roadbed. Widening of the roadway would result in approximately

339,000 square feet of increased impervious surface area. The surface runoff resulting from increased impervious surface would sheet flow towards existing and relocated roadside drainages, which matches the existing condition. It is anticipated that the existing drainage ditch on the north side of the roadway would be shifted north to accommodate the road widening. The limits of the relocated ditch would not extend beyond the new County right-of-way (ROW) line. The project would require three traffic signal modifications, drainage pipe and drainage inlet relocations, culvert extensions and relocations, 41 power pole relocations, and 10 irrigation and water facility relocations. The project may also include minor work related to 23 driveways located within the project area. Six wells would be impacted and may be relocated. In addition, 329 black poplar (*Populus nigra*) trees would be removed as part of the project. No heritage trees would be removed.

The project would require approximately 9.3 acres of permanent ROW from 30 adjacent properties. Additionally, project construction would require 7.4 acres of temporary construction easements (TCE). The roadway widening would require structure removal or minor relocation on three adjacent parcels. These include one produce stand, a portion of a plant nursery, one garage, and an outside storage area.

Areas of Controversy

The State's *Guidelines for the Implementation of CEQA* (CEQA Guidelines) Section 15123(b) requires that a summary section include a description of areas of controversy known to the Lead Agency, including issues raised by agencies and the public; and issues to be resolved, including the choice among alternatives and whether or how to mitigate the significant impacts.

A Notice of Preparation (NOP) and Initial Study (IS) were prepared and circulated for the project on August 14, 2023, for a 30-day public review period (see **Appendix A**); three comments were received during circulation of the document (see **Appendix B**), and a summary of the comments are provided below. All environmental topic areas were included in the NOP/IS that was circulated to the public and any topic area where a potential impact was identified is evaluated in Section 3.0, Environmental Impacts Analysis. Potential areas of controversy may include the following:

Cultural and Tribal Resources

- Compliance with Assembly Bill (AB) 52 (see Section 3.12).
- Several potential cultural heritage sites are located within proximity to the project area. These were previously evaluated in December 2014 (see Section 3.6).
- Since the most recent survey, additional properties near the project area may have reached 50 years of age and require additional evaluation (see Section 3.6).

Transportation

- Safety concerns related to construction vehicle trips and the use of oversized vehicles on Caltrans ROW (see Section 3.11).

Meetings were held with adjacent property owners during the week of March 10, 2024, and in subsequent weeks as necessary. None of the property owners expressed opposition to the project. In addition, a public information meeting was held on April 15, 2025. AB 52 outreach was completed, and responses were received from the Barbareño/Ventureño Band of Mission Indians, Coastal Band of the Chumash Nation, Fernandeño Tataviam Band of Mission Indians, Gabrieleno/Tongva San Gabriel Band of Mission Indians, and Northern Chumash Tribal Council. The Coastal Band of the Chumash Nation requested Native American Monitoring during all ground-disturbing activities associated with the drainage ditch relocation on the north side of Hueneme Road, the Southern California Edison (SCE) power pole relocations, and any scraping/grubbing required to prepare the project area.

Project Alternatives

In accordance with CEQA Guidelines Section 15126.6(b), an EIR must describe a reasonable range of alternatives to a project, or the location of a project, that could attain most of the project's basic objectives while avoiding or substantially lessening any of the significant environmental effects of the project. The range of alternatives required in an EIR is governed by a "rule of reason" that requires an EIR to set forth only those alternatives necessary to permit a reasoned choice. CEQA states that an EIR should not consider alternatives "whose effects cannot be ascertained and whose implementation is remote and speculative".

The project alternatives were evaluated in the Draft Project Report dated July 29, 2021. Three build alternatives were considered and two were eliminated due to greater impacts on adjacent parcels and utilities. The potential impacts of the following alternatives are analyzed in detail in Chapter 4 of this EIR:

- No-Build Alternative
- Alternative 1: Widening on Both Sides
- Alternative 2: Widening on One Side
- Alternative 3: Hybrid

Summary of Impacts and Mitigation Measures

Table ES-1 presents a summary of the impacts of the project, proposed mitigation measures, and each impact's level of significance after mitigation. The environmental impacts are identified as "Significant," "Potentially Significant", "Less than Significant", or "No Impact". According to CEQA Guidelines Section 15382, a significant impact is "a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the project." CEQA Guidelines Section 15126.4(a)(1) also states that an EIR "shall describe feasible measures which could minimize significant adverse impacts."

Table ES-1. Summary of Impacts and Mitigation Measures

Impact	Level of Significance Without Mitigation	Mitigation Measures	Level of Significance With Mitigation
Agriculture and Forestry Resources			
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?	Potentially Significant	MM-AGR-1	Less than Significant
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	Less than Significant	None Required	N/A
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))?	No Impact	None Required	N/A
d) Result in the loss of forest land or conversion of forest land to non-forest use?	No Impact	None Required	N/A
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?	Less than Significant	None Required	N/A
Air Quality			
a) Conflict with or obstruct implementation of the applicable air quality plan?	Less than Significant	None Required	N/A
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	None Required	N/A
c) Expose sensitive receptors to substantial pollutant concentrations?	No Impact	None Required	N/A
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	Less than Significant	None Required	N/A

Impact	Level of Significance Without Mitigation	Mitigation Measures	Level of Significance With Mitigation
Biological Resources			
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	None Required	N/A
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?	Less than Significant	None Required	N/A
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	None Required	N/A
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?	No Impact	None Required	N/A
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	No Impact	None Required	N/A
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	None Required	N/A
Cultural Resources			
a) Cause a substantial adverse change in the significance of a historical resource pursuant to § 15064.5?	No Impact	None Required	N/A
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?	Less than Significant	None Required	N/A
c) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5? Disturb any human remains, including those interred outside of dedicated cemeteries?	Less than Significant	None Required	N/A

Impact	Level of Significance Without Mitigation	Mitigation Measures	Level of Significance With Mitigation
Greenhouse Gas Emissions			
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	Less than Significant	None Required	N/A
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	Less than Significant	None Required	N/A
Hazards and Hazardous Materials			
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	Less than Significant	None Required	N/A
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	None Required	Less than Significant
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	None Required	N/A
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code § 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	Less than Significant	None Required	Less than Significant
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	None Required	N/A
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	Less than Significant	None Required	N/A
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	No Impact	None Required	N/A
Hydrology and Water Quality			
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	Less than Significant	None Required	N/A

Impact	Level of Significance Without Mitigation	Mitigation Measures	Level of Significance With Mitigation
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	None Required	N/A
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 a substantial erosion or siltation on- or off-site; ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite; iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or iv) impede or redirect flood flows?	i. Less than Significant ii. Less than Significant iii. Less than Significant iv. No Impact	None Required	N/A
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	No Impact	None Required	N/A
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	Less than Significant	None Required	N/A
Noise			
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	None Required	N/A
b) Generation of excessive groundborne vibration or groundborne noise levels?	Less than Significant	None Required	N/A
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	No Impact	None Required	N/A

Impact	Level of Significance Without Mitigation	Mitigation Measures	Level of Significance With Mitigation
Transportation			
a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	Less than Significant	None Required	N/A
b) Conflict or be inconsistent with CEQA Guidelines § 15064.3, subdivision (b)?	Less than Significant	None Required	N/A
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	Less than Significant	None Required	N/A
d) Result in inadequate emergency access?	Less than Significant	None Required	N/A
Tribal Cultural Resources			
a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code § 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is: i. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or ii. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code § 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code § 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	i. Less than Significant ii. Less than Significant	None Required	N/A

Impact	Level of Significance Without Mitigation	Mitigation Measures	Level of Significance With Mitigation
Utilities and Service Systems			
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?	Less than Significant	None Required	N/A
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	Less than Significant	None Required	N/A
c) Result in a determination by the waste water 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	None Required	N/A
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?	No Impact	None Required	N/A
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	No Impact	None Required	N/A
Mandatory Findings of Significance			
a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	Less than Significant	None Required	N/A
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	Less than Significant	None Required	N/A
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	Less than Significant	None Required	N/A

Significant Impacts

As discussed in Chapter 3, Environmental Impact Analysis, and as summarized in **Table ES-1**, impacts would not be significant or potentially significant for any topic areas. Impacts related to the resources listed below would be reduced to a less than significant level if the mitigation measures proposed in this EIR are implemented:

- Agriculture and Forestry Resources

Impacts related to the following areas would be less than significant, and no mitigation measures would be required for the project:

- Air Quality
- Biological Resources
- Cultural Resources
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Noise
- Transportation
- Tribal Cultural Resources
- Utilities and Service Systems
- Mandatory Findings of Significance

The project would result in no impact to the following areas, and no mitigation measures would be required:

- Aesthetics
- Agriculture and Forestry Resources
- Energy
- Geology and Soils
- Land Use and Planning
- Mineral Resources
- Population and Housing
- Public Services
- Recreation
- Wildfire

Significant and Unavoidable Impacts

CEQA requires that an EIR identify any significant environmental effects that cannot be avoided if a project is implemented. All impacts identified for the project would be less than significant as discussed throughout Chapter 3. Therefore, no significant and unavoidable impacts would result from the project, and a Statement of Overriding Considerations is not required.

Preparation of Final EIR

The Draft EIR was circulated for a 45-day public review period, from October 1, 2025, to November 14, 2025. This Final EIR was prepared following the receipt of comments from the public and reviewing agencies during this public review period. The Final EIR addresses and responds to comments received on the Draft EIR. If the project is approved, a Notice of Determination will be filed at the State Clearinghouse for compliance with CEQA. A vertical line

in the margin indicates that there were changes in the text from the Draft EIR after the public circulation.

1.0 INTRODUCTION

Although not required by CEQA, this introduction is included to provide the reader with general information regarding 1) the background of the project; 2) an introduction to the CEQA Guidelines; 3) the roles of Lead and Responsible Agencies; 4) information about the project proponent; 5) the purpose of an EIR; 6) standards for EIR adequacy; and 7) an introduction to the EIR process.

1.1 Purpose of EIR

The County has prepared this EIR in accordance with the CEQA Guidelines (California Code of Regulations [CCR], Title 14, Chapter 3, Sections 15000 et seq.). This EIR is an informational document required by CEQA that addresses the potential environmental effects of the project. The EIR is intended to provide public agencies and the public with information about 1) existing environmental conditions; 2) the environmental impact(s) of the project; 3) identification of ways in which significant impacts of the project might be minimized; and 4) alternatives to the project that would reduce or avoid those impacts identified as significant. This EIR is an important document that will be used by decision-makers when considering whether or not to approve, modify, or deny the project.

The County will consider the information in this EIR in their evaluation of the project. The findings and conclusions of this EIR regarding environmental impacts do not affect the County's discretion to approve, deny, or modify the project, but instead are presented as information to aid the decision-making process.

1.2 Project Overview

According to the Ventura County General Plan (General Plan), Hueneme Road is identified as an Other Principal Arterial and Major Collector and a City of Port Hueneme and City of Oxnard Commercial Vehicle Route within the project area (Ventura County, 2020). Between Edison Drive and Rice Avenue, Hueneme Road includes two vehicle travel lanes, one in the eastbound direction and one in the westbound direction.

At the western terminus of the project, Hueneme Road intersects with Edison Drive; the current configuration includes four vehicle travel lanes on Hueneme Road west of Edison Drive, two vehicle travel lanes on Hueneme Road east of Edison Drive, and two vehicle travel lanes on Edison Drive to the north and south of Hueneme Road Hueneme Road west of Edison Drive includes a raised median and bicycle lanes in each direction. There are dedicated left-turn lanes in each direction at the intersection of Hueneme Road and Edison Drive. At the eastern terminus of the project, Hueneme Road intersects with Rice Avenue, creating a "T" intersection, where Rice Avenue dead-ends at Hueneme Road and the existing through lanes become a left-turn lane. There is a free right-turn lane from Rice Avenue to westbound Hueneme Road, and a free right-turn lane on Hueneme Road onto northbound Rice Avenue. The current configuration includes four vehicle travel lanes on Rice Avenue, north of the "T" intersection, two vehicle travel lanes on Hueneme Road west of Rice Avenue, and two vehicle travel lanes of Hueneme Road east of Rice Avenue.

There is an existing non-contiguous drainage ditch on the north side of Hueneme Road that is approximately four feet deep. There are several utility poles on the north and south sides of the roadway. There are several rows of black poplar trees tightly packed together adjacent to the roadway that are used as a wind break for crops, and row crops/buildings on parcels adjacent to the project area. According to the General Plan, adjacent land uses consist of Agriculture, Industrial, Commercial and Services, Transportation, Communications and Utilities, and Single-Family Residential. According to the California Department of Conservation (CDOC) has identified Prime Farmland, Farmland of Statewide Importance, and Urban and Built-Up Land. The project is listed in the Southern California Association of Governments (SCAG) 2025 Federal Transportation Improvement Program (FTIP) for the fiscal years 2025/2026.

1.3 CEQA Process

1.3.1 Notice of Preparation/Initial Study

An NOP, along with an attached IS, was circulated for the project on August 14, 2023, for a 30-day public review period. The IS noted that the project may have a significant impact on the environment and that an EIR would be prepared (see **Appendix A**). The NOP/IS was sent to individuals, local interest groups, adjacent property owners, and agencies that have jurisdiction over or interest in environmental resources or conditions in the project area. The purpose of the NOP/IS was to allow interested parties or individuals to relay their concerns and comments on the scope and content of this EIR.

Three comment letters were received in response to the NOP/IS. Comment letters were received from the Native American Heritage Commission, Caltrans, and the Ventura County Planning Division (see **Appendix B**). The IS identified the following environmental topic areas that should be addressed in the EIR, following additional and focused technical analysis:

- Air Quality
- Biological Resources
- Cultural Resources
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Noise
- Transportation
- Tribal Cultural Resources
- Utilities and Service Systems
- Mandatory Findings of Significance

The project would not result in significant impacts on Aesthetics, Agriculture and Forestry Resources, Energy, Geology and Soils, Land Use and Planning, Mineral Resources, Population and Housing, Public Services, Recreation, or Wildfire. A detailed analysis of these topics is not included in this EIR but are briefly discussed in Section 3.1, *Impacts Found Not to Be Significant*.

1.3.2 Lead, Responsible, and Trustee Agencies

The CEQA Guidelines define lead, responsible, and trustee agencies. The County is the lead agency for the project, because it holds principal responsibility for approving the project. A

responsible agency refers to a public agency other than the lead agency that has discretionary approval over the project. The California Transportation Commission (CTC) and SCE are responsible agencies for the project. A trustee agency refers to a state agency having jurisdiction by law over natural resources affected by the project. The California Department of Fish and Wildlife (CDFW) and Regional Water Quality Control Board (RWQCB) are trustee agencies for the project.

1.3.3 Draft EIR

Impact Analysis

The Draft EIR analyzed significant impacts that could result from the project. CEQA requires that the EIR only address significant environmental effects. A "significant impact" is defined by Section 15382 of the CEQA Guidelines as "a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by a project, including land, air, water, minerals, flora, fauna, ambient noise, and objects of historic or aesthetic significance." The impact significance thresholds for each environmental resource area in the Draft EIR were based on CEQA Guidelines Appendix G, Environmental Checklist Form. Where significant impacts were identified, feasible mitigation measures were recommended to reduce, eliminate, or avoid the significant impacts. The Draft EIR also identified which significant impacts are unavoidable despite mitigation.

Section 15382 of the CEQA Guidelines also states that "an economic or social change by itself shall not be considered a significant impact on the environment but may be considered in determining whether the physical change is significant." Therefore, the Draft EIR did not treat economic or social effects of the project as standalone significant impacts.

Public Review

The Draft EIR/EA was circulated to the public and reviewing agencies for 45 days, from October 1, 2025 to November 14, 2025. Public and agency comments were accepted in writing during the public circulation period. Two comments on the Draft EIR were received during the public comment period (see **Appendix K**).

1.3.4 Final EIR and Project Approval

This Final EIR was prepared following the receipt of comments from the public and reviewing agencies. The Final EIR addresses and responds to comments received on the Draft EIR. If the Project is approved, a Notice of Determination will be filed at the State Clearinghouse for compliance with CEQA. A vertical line in the margin indicates there were changes in the text after the public circulation.

The identification of significant impacts in the EIR does not prevent a Lead Agency from approving a project. Consistent with Section 15093 of the CEQA Guidelines, a project may be approved if the Lead Agency determines that impacts cannot be feasibly mitigated below a level of significance, but that there are important, overriding considerations, such as social and economic benefits, which are sufficient to justify approval of the project. If the benefits outweigh the unavoidable adverse environmental effects, the adverse effects may be considered "acceptable."

The Lead Agency must prepare a Statement of Overriding Considerations that includes the specific reasons to support the Lead Agency's action based on the EIR and/or other information in the record. The Statement of Overriding Considerations must be included in administrative record and in the Notice of Determination that is filed after the agency decides to approve the project.

1.4 Report Organization

This EIR is organized into the following chapters:

- *Executive Summary*: A summary of the project description and the results of the environmental impact analysis, including potential impacts and mitigation measures.
- *Chapter 1, Introductio*n: An introduction to the project background, CEQA Guidelines, purpose of an EIR, roles of Lead and Responsible Agencies, intended use of the EIR, and EIR process.
- *Chapter 2: Project Description:* A description of the project, location, and setting; identification of alternatives to the project, approvals and permits; and documents incorporated by reference.
- *Chapter 3: Environmental Impact Analysis:* A discussion of impacts not found to be significant or potentially significant, areas of concern or controversy, and an impact analysis for each environmental issue, including a description of existing environmental conditions, a discussion of the significant environmental effects of the project, and mitigation measures for reducing these effects.
- *Chapter 4, Other CEQA Considerations:* An analysis of other issues mandated by CEQA, including an evaluation of cumulative impacts, project alternatives, long-term implications of the project, and energy conservation.
- *Chapter 5, Comments and Coordination:* Comments received on the project and coordination with the public and government agencies.
- *Chapter 6, References:* Information sources and persons consulted during the environmental analysis process, and a list of EIR preparers.

2.0 PROJECT DESCRIPTION

The purpose of the project description is to describe the project in a way that will be meaningful to the public, reviewing agencies, and decision-makers. Section 15124 of the CEQA Guidelines requires that the a complete project description contain the following information: 1) a precise location and boundaries of the project; 2) a statement of project objectives; 3) a general description of the project's technical, economic, and environmental characteristics; and 4) a statement briefly describing the intended uses of the EIR, including a list of agencies that are expected to use the EIR in their decision-making, a list of the permits and other approvals required to implement the project, and a list of related environmental review and consultation requirements required by federal, state, or local laws, regulations, or policies.

2.1 Project Site Location and Description

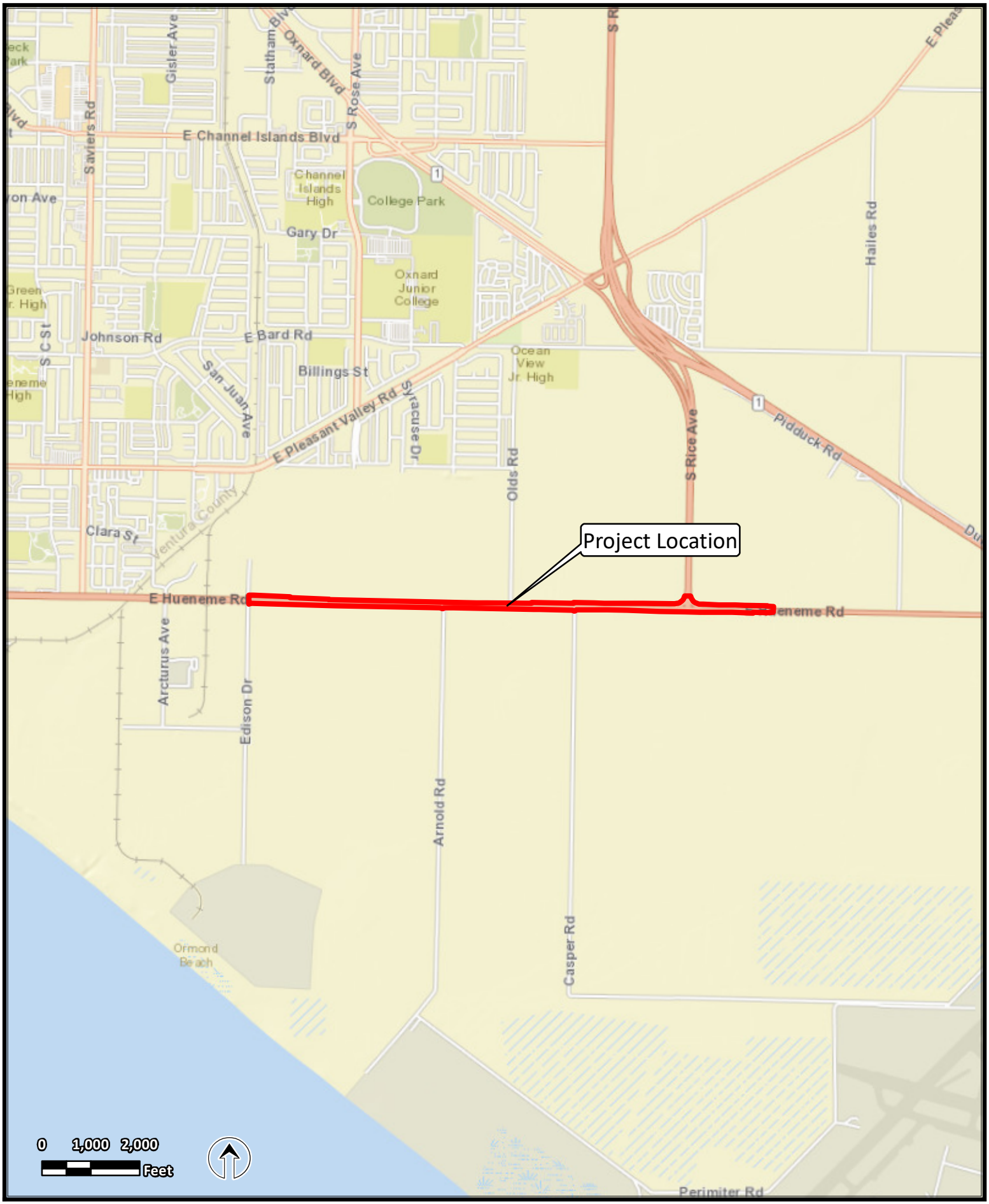
According to the General Plan, Hueneme Road is identified as an Other Principal Arterial and Major Collector and a city of Port Hueneme and city of Oxnard Commercial Vehicle Route within the project area (Ventura County, 2020). Between Edison Drive and Rice Avenue, Hueneme Road includes two vehicle travel lanes, one in the eastbound direction and one in the westbound direction. At the western terminus of the project, Hueneme Road intersects with Edison Drive; the current configuration includes four vehicle travel lanes on Hueneme Road west of Edison Drive, two vehicle travel lanes on Hueneme Road east of Edison Drive, and two vehicle travel lanes on Edison Drive to the north and south of Hueneme Road (see **Figure 2.1-1** and **Figure 2.1-2**).

There are dedicated left-turn lanes in each direction at the intersection of Hueneme Road and Edison Drive. At the eastern terminus of the project, Hueneme Road intersects with Rice Avenue, creating a "T" intersection, where Rice Avenue dead-ends at Hueneme Road and the existing through lanes turn into left- and right-turn lanes. The current configuration includes four vehicle travel lanes on Rice Avenue, north of the "T" intersection, two vehicle travel lanes on Hueneme Road west of Rice Avenue, and two vehicle travel lanes of Hueneme Road east of Rice Avenue. There are several utility poles on the north and south sides of the roadway. There are several rows of trees tightly packed together adjacent to the roadway that are used as a wind break for crops, and row crops/buildings located on parcels adjacent to the project area. There is an existing non-contiguous drainage ditch located on the north side of Hueneme Road that is approximately four feet deep. In the project area, stormwater generally sheet flows from north to south. There are 11 drainage features located in the project area, as well as a cattail marsh.

There are several utility poles on the north and south sides of the roadway. There are several rows of trees tightly packed together adjacent to the roadway that are used as a wind break for crops, and row crops/buildings located on parcels adjacent to the project area. According to the General Plan, adjacent land uses consist of Agriculture; Industrial; Commercial and Services; Transportation, Communications and Utilities; and Single-Family Residential (see **Figure 2.1-3**). The CDOC has identified Prime Farmland, Farmland of Statewide Importance, and Urban & Built-Up Land in and adjacent to the project area (California Department of Conservation, 2022).

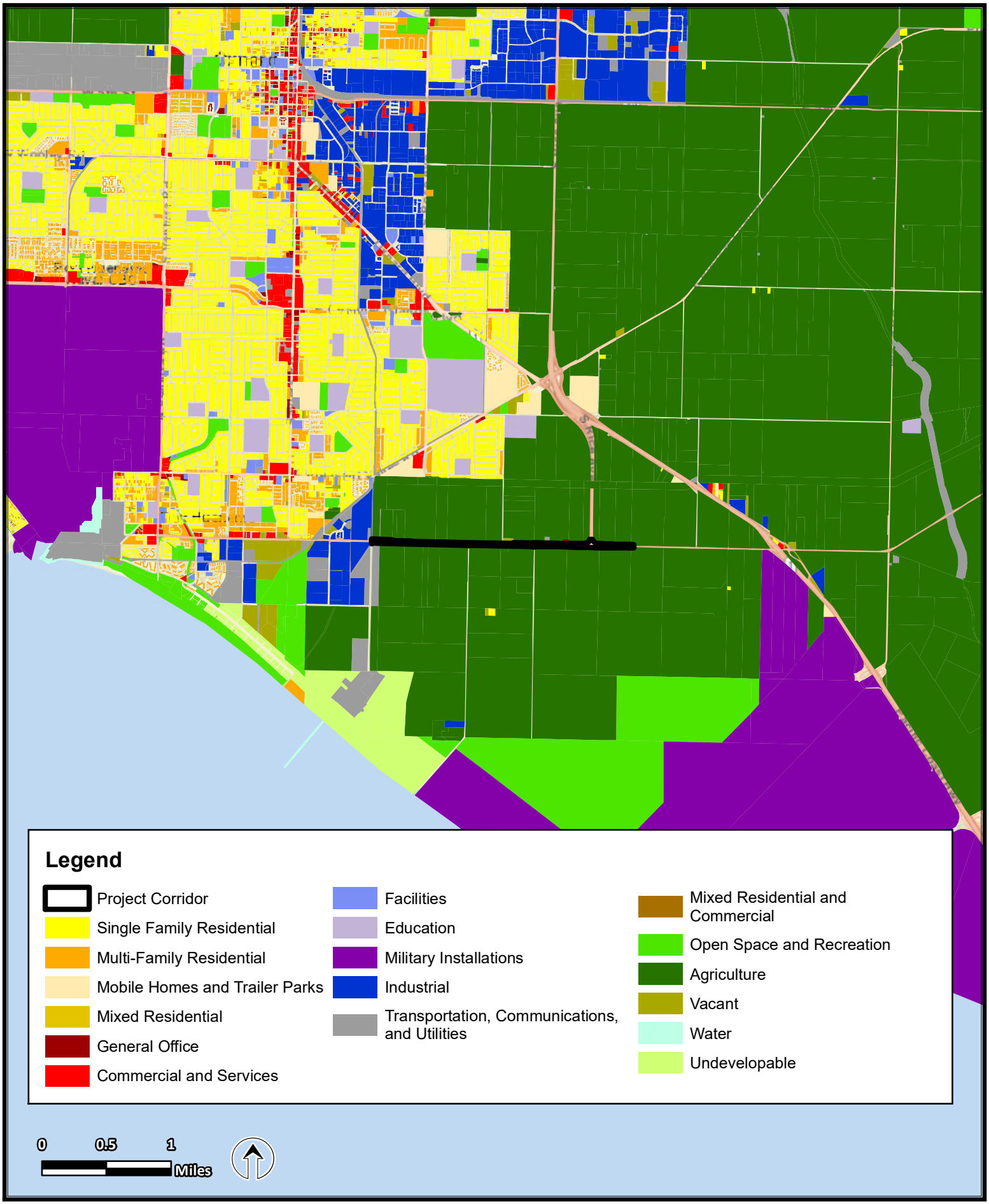
Sources: ESRI 2022.

FIGURE 2.1-1. REGIONAL LOCATION MAP
Hueneme Road Widening Project



Sources: ESRI 2022.

FIGURE 2.1-2. PROJECT LOCATION MAP
Hueneme Road Widening Project



Sources: SCAG 2019; ESRI 2022.

FIGURE 2.1-3. LAND USE MAP
Hueneme Road Widening Project

2.2 Project Background

A Traffic Engineering Performance Assessment was performed to develop the purpose and need of the project. In addition, Hueneme Road has been identified in past and recent regional transportation plans and studies as a candidate for road widening. In 2005, Ventura County's Subsequent EIR for Focused General Plan Update amended the Public Facilities map to reflect the road widening of the Regional Road Network to accommodate projected traffic flows for the year 2020, including along Hueneme Road. In addition, the 2009 Ventura County Congestion Management Plan identified roadway improvements which included widening Hueneme Road from Oxnard City limits to Rice Avenue. The General Plan also includes the County's plan for Transportation and Mobility and identifies Hueneme Road as "approaching unstable flow with tolerable operating speeds subject to considerable and sudden variation, little freedom to maneuver and with major delays at signals."

In 2007, the Ventura County Transportation Commission (VCTC) adopted the Ventura Countywide Bicycle Master Plan (VCBMP) to establish a planning document providing recommendations for expanding bikeway infrastructure, closing gaps, and encouraging bicycling for recreation and mobility. The plan includes Class II Bicycle Lanes on Hueneme Road. In addition, The County's Comprehensive Transportation Plan (CTP), adopted in 2013, identified the need for pedestrian and bike facility improvements in the County, including Hueneme Road, and funding. The CTP found that the bike and pedestrian infrastructure was relatively well developed within the cities but not well connected across jurisdictional boundaries, like Hueneme Road. In 2017, VCTC released Ventura County Bicycle Wayfinding Plan to identify regional bicycle routes, inform prioritization of locations for bike infrastructure improvements, and develop a consistent bicycle wayfinding sign design for regional bike routes throughout the County. Hueneme Road is part of the County's "Coast Route to Westlake Village" and the "Coast Route." Hueneme Road is also rated by the plan as a segment with "most stress bicycling." Furthermore, the 2023 Ventura County Active Transportation Plan (ATP) was adopted by the County to create a roadmap for priority projects and programs that would support the community. The ATP identified Class II bicycle lanes to be constructed along Hueneme Road.

2.3 Project Objectives

Section 15124(b) of the CEQA Guidelines requires a project description to contain a clear description of objectives that includes the underlying purpose of the project. Roadways in the County facilitate the movement of goods throughout the region and state. Hueneme Road serves as the primary freight route to and from Port of Hueneme, and there is a large percentage of truck traffic from the Oxnard city limit to Rice Avenue. Goal One of the Circulation, Transportation, and Mobility Element in the County's General Plan is "to ensure the design, construction, and maintenance of a safe and efficient roadway system for the movement of persons and goods." Hueneme Road is a 2-lane roadway which experiences heavy travel flows during peak hours and is a primary freight route to and from the Port of Hueneme. The project is intended to serve existing transportation demand, improve the freight movement corridor, and improve vehicle and bicycle travel and safety. The project would provide new Class II buffered bicycle lanes along

Hueneme Road between Edison Drive and Rice Avenue. In addition, the project is included in the County's General Plan as a segment of the proposed multi-modal coastal trail. Proposed improvements, such as the addition of buffered bike lanes, would support the County's goal to "to provide a continuous trail route along coastal areas of the County that forms a part of the statewide California Coastal Trail system and provides access to other trails, the shoreline, public recreational opportunities, and coastal points of interest" (Ventura County, 2021).

2.4 Proposed Project

The project would include four 12-foot through lanes (two in the eastbound direction and two westbound direction), a 14-foot paved median, two 6-foot bike lanes on either side of the roadway with a 2-foot buffer between the bicycle lanes and the traffic lanes, and two 4-foot wide shoulders on either side of Hueneme Road between Edison Drive and Rice Avenue, for a total typical width of 86 feet. All existing left-turn lanes would be retained as part of the project. The widened roadway would taper to the existing configuration of one travel lane in each direction approximately 1,200 feet east of Rice Avenue.

The existing centerline aligns with the current centerline at both Edison Drive and Rice Avenue. Between these intersections, the roadway shifts up to approximately 14 feet southward to accommodate widening improvements and avoid conflicts with overhead utilities located along the north side. Construction of the widened roadway would require a maximum ground disturbance of approximately 12 to 14 inches in depth to install the new roadbed. Widening of the roadway would result in approximately 339,000 square feet (or 7.8 acres) of increased impervious surface area. The surface runoff resulting from increased impervious surface would be directed toward existing and relocated roadside drainage. It is anticipated that the existing drainage ditch on the north side of the roadway, which is currently maintained by the County, would be shifted north to accommodate the widening of the road. The limits of the relocated ditch, which would continue to be maintained by the County, would not extend beyond the new County ROW line. The centerline is intentionally adjusted to minimize impacts to adjacent property owners, thereby reducing the need for property acquisitions and avoiding disruption to existing physical improvements such as agricultural access roads and fencing.

Construction of the project is anticipated to last approximately 12 months. The project would require three traffic signal modifications, drainage pipe and drainage inlet relocations, culvert extensions and relocations, 41 power pole relocations, and 10 irrigation and water facility relocations, including six private wells that will need to be relocated. The power poles along Hueneme Road are located within County ROW; however, coordination and preplanning would be needed with SCE to relocate the poles prior to widening the roadway and the relocations are likely to take place outside of the estimated 12-month construction duration.

Additionally, there are Frontier Communications facilities on the SCE overhead poles and underground lines along Hueneme Road. Sempra Utilities has gas transmission mains along Hueneme Road near Edison Drive; the existing gas main may be impacted where drainage and/or water facilities are relocated. Signal pole relocations would require ground disturbance at a maximum depth of 16 feet. The project would not include the relocation of any water lines,

recycled water lines, or sewer mains. However, two Pleasant Valley Water District well stations would need to be relocated (see **Table 2.4-1**).

Table 2.4-1: Utility Conflicts

Feature/Utility	Build Alternative
Water/Irrigation Facility Relocations	10
Traffic Signal Modifications	3
Power Pole Relocations	41

The project may include conforming 23 driveways located within the project area to the new roadway configuration. Construction would be staged to provide continuous access to each private parcel at all times. In addition, at least one lane would be open to provide continuous access for vehicles through the project area and no detours to adjacent roadways would be required. During the 12-month construction period, night work may be required.

The proposed improvements would require ROW and TCE. The project would require approximately 9.3 acres of permanent ROW from 30 adjacent properties. This would include approximately 4.7 acres of Farmland of Statewide Importance, 4.5 acres of Prime Farmland, and 0.13 acre of Urban and Built-Up Land and Other Land. Additionally, the project would require TCE from 3.73 acres of Farmland of Statewide Importance, 3.53 acres of Prime Farmland, and 0.14 acre of Urban and Built Up Land and Other Land.

Permanent ROW acquisition required to complete the project would include sliver takes from parcels adjacent to the roadway; no full acquisitions are anticipated. The roadway widening would require structure removal or minor relocation on three adjacent parcels. These include one produce stand, a portion of a plant nursery, one garage, and an outside storage area. All ROW impacts are outlined below (see **Table 2.4-2**). Parcels that may require relocation assistance are shown in bold text. Vegetation removal would be required to accommodate the widening, and approximately 329 black poplar trees, currently being used as a windbreak, would also need to be removed. Tree removal would result in a vertical ground disturbance of approximately two feet below existing grade; a stump grinder would be used to remove the trunk and roots. In addition, six wells would be impacted and may be relocated. Two additional wells would be relocated if they are impacted.

Table 2.4-2. Right-of-Way Impacts

Assessor's Parcel Number	Land Use Designation	ROW Area (acres)	Total Parcel Area (acres)	Remaining Acreage after ROW	Percentage of Land Remaining	Potential Impacts
223-0-030-145	Agricultural-Urban Reserve	0.31	26.06	25.75	98.81	Proposed ROW impact to dirt shoulder along the

Assessor's Parcel Number	Land Use Designation	ROW Area (acres)	Total Parcel Area (acres)	Remaining Acreage after ROW	Percentage of Land Remaining	Potential Impacts
						property's edge to support roadway widening
231-0-020-300	Agricultural-Urban Reserve	0.85	69.77	68.92	98.78	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening
232-0-031-205	Agricultural	1.13	39.07	37.94	97.10	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening, driveway conform, and removal of outdoor storage area.
232-0-032-090	Agricultural	0.49	78.55	78.06	99.37	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening
232-0-070-130	Agricultural	0.42	73.12	72.70	99.42	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening
223-0-030-285	**Agricultural-Urban Reserve**	**0.06**	**9.8**	**9.75**	**99.44**	**Proposed ROW impacts on Teto's Produce Stand and portion of plant nursery, both would need to be relocated.**
223-0-030-320	Agricultural-Urban Reserve	0.02	35.29	35.27	99.96	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening, and driveway conform
232-0-080-215	Agricultural	0.04	36.57	36.53	99.90	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening
232-0-080-290	Agricultural	0.30	30.66	30.36	99.02	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening
223-0-030-225	Agricultural-Urban Reserve	0.02	0.74	0.72	96.81	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening

Assessor's Parcel Number	Land Use Designation	ROW Area (acres)	Total Parcel Area (acres)	Remaining Acreage after ROW	Percentage of Land Remaining	Potential Impacts
223-0-030-255	Agricultural-Urban Reserve	0.02	14.35	14.33	99.84	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening
231-0-020-045	Urban	0.01	0.96	0.95	98.61	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening
231-0-020-185	Urban	0.16	17.05	16.89	99.04	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening
231-0-020-270	Agricultural-Urban Reserve	0.59	61.11	60.52	99.03	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening
231-0-020-315	Agricultural-Urban Reserve	0.56	44.47	43.91	98.74	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening
231-0-020-280	Agricultural-Urban Reserve	0.18	14.09	13.91	98.70	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening
231-0-020-290	Agricultural-Urban Reserve	0.37	28.18	27.81	98.69	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening
232-0-031-190	Agricultural	0.27	2.03	1.76	86.93	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening
232-0-031-210	Agricultural	0.85	38.82	37.97	97.82	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening
232-0-080-285	Agricultural	0.35	72.41	72.06	99.51	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening

Assessor's Parcel Number	Land Use Designation	ROW Area (acres)	Total Parcel Area (acres)	Remaining Acreage after ROW	Percentage of Land Remaining	Potential Impacts
232-0-080-265	Agricultural	0.09	1.34	1.25	92.98	Driveway conform
232-0-080-270	Agricultural	0.09	0.93	0.84	90.65	Driveway conform
232-0-080-305	Agricultural	0.06	13.43	13.37	99.56	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening and driveway conform
232-0-070-150	Agricultural	0.38	34.57	34.19	98.90	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening
232-0-070-140	**Agricultural**	**0.29**	**34.52**	**34.23**	**99.15**	**Proposed ROW impact to garage, structure would require removal for widening of the roadway.**
232-0-033-045	Agricultural	0.83	79.09	78.26	98.95	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening
232-0-033-050	Agricultural	0.29	77.68	77.39	99.63	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening
232-0-032-100	Agricultural	0.21	77.93	77.72	99.73	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening
223-0-030-275	**Agricultural-Urban Reserve**	**0.04**	**4.97**	**4.93**	**99.10**	**Proposed ROW impact on portion of plant nursery, would need to be relocated.**
223-0-030-295	Agricultural-Urban Reserve	0.01	83.98	83.97	99.99	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening
232-0-080-315	Agricultural	0.0002	12.7	12.70	100	Proposed ROW impact to dirt shoulder along the property's edge to support roadway widening

2.5 Construction

Construction of the project is anticipated to last approximately 12 months (see **Table 2.5-1**). Site preparation and roadway construction would involve clearing, cut-and-fill activities, grading, removing or improving existing roadways, and paving roadway surfaces. At least one lane would be open to provide continuous access for vehicles through the project area and no detours to adjacent roadways would be required. During the 12-month construction period, night work may be required.

Table 2.5-1. Project Schedule

Phase	Scheduled Start Month/Year	Scheduled Completion Month/Year
Project Approval and Environmental Document	March 2022	December 2025
Plans, Specifications, and Estimates	October 2026	December 2029
Right-of-way	October 2026	September 2029
Construction	June 2030	June 2031

2.6 Alternatives to the Project

2.6.1 No Build Alternative

Section 15126.6(e) of the CEQA Guidelines requires the analysis of the No Build Alternative. The purpose of including the No Project Alternative is to allow decision-makers to compare the impacts of approving a project with the impacts of not approving a project. The potential environmental impacts of the No Project Alternative are discussed in Section 4.2, Alternatives Analysis.

2.6.2 Build Alternative

Section 15126.6(a) of the CEQA Guidelines requires analysis of a range of reasonable alternatives to the project. The purpose of including the Build Alternative is to allow decision-makers to compare the impacts of approving a project and allow the Lead Agency to disclose its reasoning for selecting the Preferred Alternative. The environmental impacts of the Build Alternatives are discussed in Section 4.2, Alternatives Analysis.

2.7 Discretionary Approvals and Permits

The County's decision-making body will consider the following discretionary actions for approval of the project:

- CEQA Compliance/EIR Certification – The County must certify the EIR prior to, or in conjunction with, approval of the project.
- County Permits – Various County construction, grading, and encroachment permits, including the Ventura County Air Pollution Control District (VCAPCD) Air Pollution Control Permit and City of Oxnard Encroachment Permit, are required prior to project construction.

- State Permits – A CDFW Section 1602 Streambed Alteration Agreement and Porter-Cologne Act Waste Discharge Requirements are required prior to project construction.

In addition to approvals from the County, the project may require approvals/permits from the following state, federal, or local agencies:

- Caltrans
- SCE
- CTC
- City of Oxnard

3.0 ENVIRONMENTAL IMPACT ANALYSIS

This chapter analyzes impacts the project would have on existing environmental conditions. This environmental impact analysis has been prepared in accordance with CEQA and the CEQA Guidelines.

Resources Considered in this Environmental Impact Report

This section of the EIR analyzes potential environmental impacts of the project. For each resource analyzed, the section describes the applicable regulations adhered to, the project's study area and existing conditions, the thresholds of significance, and the impacts of the project relative to the thresholds of significance. Based on the project description presented in Chapter 3 and environmental issues associated with the project, the following resources are analyzed in detail in Sections 3.2 through 3.13 of this chapter:

- Air Quality
- Biological Resources
- Cultural Resources
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Noise
- Transportation
- Tribal Cultural Resources
- Utilities and Service Systems
- Mandatory Findings of Significance

Pursuant to CEQA Guidelines Section 15065(a), in addition to the above topics, Mandatory Findings of Significance were considered, and potential significance discussions are Chapter 3.

3.1 Impacts Found Not to be Significant

As part of the NOP/IS, the environmental issues discussed in this section were considered, and impacts were found not to be significant or potentially significant. Section 15128 of the CEQA Guidelines states that an "EIR shall contain a statement briefly indicating the reasons that various possible significant impacts of a project were determined not to be significant and were therefore not discussed in detail in the EIR." Consequently, there is no further discussion of these issues in this EIR.

Aesthetics

The project area is not within the vicinity of a designated scenic vista. In addition, the project area is approximately one mile southwest of the nearest designated State Scenic Highway, State Route 1 (SR-1). Therefore, the project would not have a significant impact on a scenic vista and would not substantially damage scenic resources. In addition, the IS concluded that impacts related to visual character and quality of the project area and introduction of new sources of light and glare would be less than significant. Therefore, project would not result in a significant impact related to aesthetics.

Energy

The project would be constructed in compliance with California Air Resources Board (CARB) standards, which would minimize wasteful or inefficient energy consumption during construction. In addition, the project would not include the addition of lighting or other long term energy input beyond the existing condition. Furthermore, the project would not conflict with the California Long-Term Energy Efficient Strategic Plan (California Public Utilities Commission, 2008). Therefore, the project would not result in a significant impact related to energy.

Geology and Soils

The project is not located within a known earthquake fault zone. The nearest fault zone is the Bailey Fault located approximately 2.6 miles east of the project area. Ground shaking may occur due to the nearby active faults in the region; however, the project would be designed to meet current seismic standards and would not increase hazards within the project area. The project area is in an area classified as a liquefaction zone; however, the project would be designed to meet current seismic standards and would include adequate foundation to reduce liquefaction risk. In addition, the project area is relatively flat, so landslides are unlikely to occur. Soil textures in the project area have a low to high erosion potential; however, the project area consists mainly of a paved roadway that would be widened, which does not typically result in substantial soil erosion. The soils in the project area also have a low to high shrink to swell potential. If the project is found to lie on expansive soil during the Plans, Specifications, and Estimates phase, design considerations would be included in compliance with Section 1808.6 of the Ventura County Building Code (Ventura County Building and Safety Division, 2019). The project would not require use of septic tanks or alternative wastewater disposal systems. The General Plan does not identify the project area as having any unique geological resources, and it is anticipated that the project area has a low sensitivity for paleontological resources. Therefore, the project would not result in a significant impact related to geology and soils.

Land Use and Planning

The project would not physically divide an established community or conflict with County policies and regulations adopted for the purpose of avoiding or mitigating an environmental effect. Therefore, the project would not result in a significant impact related to land use and planning.

Mineral Resources

The project area is zoned as MRZ-1, which means that it is not in a mineral resource zone and does not qualify for the land to be protected from incompatible land uses regarding mineral resources. Because the project would not result in loss of availability of a known mineral resource or locally important recovery site, the project would not result in a significant impact related to mineral resources.

Population and Housing

The project would not result in construction of new homes and businesses. Construction workers would be present temporarily but are not expected to contribute to population growth. The project would increase roadway capacity; however, the increase would accommodate planned growth in the area and be consistent with the General Plan circulation plans. The project would require the removal and/or relocation of existing occupancies, including one produce stand, a portion of a plant nursery, one garage, and an outside storage area. Impacts on the plant nursery would be minimal, as no structures are present on the proposed ROW acquisition area, and the potted plants that are present can likely be moved to a different portion of the property. It anticipated that all of these facilities could be relocated to other sections of the properties they are located on. If a facility relocation on a property is not feasible, there are alternate locations in the project vicinity that these facilities could be relocated to. The owners of these properties would all be eligible to receive relocation assistance for moving and related expenses. Therefore, the project would not result in a significant impact related to population and housing.

Public Services

The project would be design and constructed in compliance with General Plan policies and Hueneme Road would remain open to through-traffic for the duration of construction for emergency access. In addition, there are no schools within 0.25 mile of the project area, with the closest school being Tierra Vista School located approximately 0.5 mile away. The closest park is located approximately 0.5 mile northwest of the project area. Therefore, the project would not result in a significant impact related to public services.

Recreation

There are no parks or recreational facilities within or adjacent to the project area. The closest park is located approximately 0.5 mile northwest of the project area. The project would not result in population growth or generate increased demand for recreational facilities. Therefore, the project would not result in a significant impact related to recreation.

Wildfire

The California Department of Forestry and Fire Protection, the Fire and Resource Assessment Program indicates that the project area is not within or adjacent to a Very High Fire Hazard Severity Zone (California Department of Forestry and Fire Protection, 2024). In addition, the project area is not in or near a State Responsibility Area (SRA). SRAs are recognized by the Board of Forestry and Fire Protection as areas where the California Department of Forestry and Fire Protection (CAL FIRE) is the primary emergency response agency responsible for fire

suppression and prevention (Board of Forestry and Fire Protection, 2025). All utility relocations would be conducted in accordance with standard practice to prevent the risk or spread of fire and would not exacerbate fire risk or result in temporary or ongoing impacts on the environment. Therefore, the project would not result in a significant impact related to wildfire.

3.2 Organization of Each Resource Section

Within each resource section below, the discussion is typically divided into sub-sections, consisting of: 1) the Regulatory Setting, which identifies regulations and policies that guide environmental permitting and review; 2) the Environmental Setting, which describes current environmental conditions at the project area; 3) Environmental Impacts, which identifies thresholds of significance and discusses the level of significance for each project impact; and 4) Avoidance, Minimization, and Mitigation Measures, which lists measures to eliminate or reduce potentially significant environmental impacts.

In the environmental analysis, the following terms are used to describe potential impacts of the project:

- **Less Than Significant Impacts**: These impacts are minor effects to the environment that do not meet or exceed thresholds established to evaluate significance. Less than significant impacts do not require mitigation measures. In some cases, existing public policies, regulations, and procedures adequately address potentially significant impacts, thereby reducing impacts to a less than significant level without the need for mitigation.
- **Potentially Significant Impacts**: Potentially significant impacts are defined as substantial, or potentially substantial, adverse changes to the environment. While the CEQA Guidelines and various responsible agencies provide guidance on determining impact significance, this determination is ultimately based on the judgment of the Lead Agency. The Lead Agency is also responsible for establishing criteria to evaluate the significance of impacts. Mitigation measures are proposed, when possible, to avoid or reduce potentially significant impacts.
- **Significant Impacts**: Significant impacts are those that cannot be mitigated below thresholds of significance through feasible mitigation measures.
- **Cumulative Impacts**: A discussion of cumulative impacts is provided in Section 4.0, Other CEQA Considerations. Cumulative Impacts are impacts created from the combination of the project with other closely related past, present, and reasonably foreseeable probable future projects. Cumulative impacts can result from individually minor but collectively significant projects taking place over a period of time.

3.3 Agriculture and Foresty Resources

3.3.1 Regulatory Setting

State Regulations

The California Land Conservation Act of 1965, commonly referred to as the Williamson Act, enables local governments to enter contracts with private landowners for the purpose of restricting

specific parcels of land to agricultural or related open space use. In return, landowners receive property tax assessments which are much lower than normal because they are based upon farming and open space uses as opposed to full market value (California Department of Conservation, 2015). The intent of the Williamson Act is to encourage voluntary land conservation, particularly conservation of agricultural land in California.

Local Regulations

County of Ventura General Plan

The General Plan sets forth goals, policies, and programs that the County will implement to manage future growth and land uses within the County. The following agriculture and forestry goals and policies would apply to the project (Ventura County, 2020):

- **Goals**
  - **AG-1**: To preserve and protect agricultural lands as nonrenewable resources to assure the continued availability of such lands to produce food, fiber, and ornamentals.
  - **AG-2**: To minimize conflicts between agricultural operations and urban land uses.
- **Policies**
  - **AG-1.1**: The County shall continue to protect and preserve agricultural land by directing growth away from productive agricultural lands into cities, unincorporated urban areas, or existing communities and by supporting the acquisition or voluntary dedication of agriculture conservation easements.
  - **AG-1.2**: The County shall ensure that discretionary development located on land designated as Agricultural on the General Plan Land Use Diagram and identified as Prime Farmland or Farmland of Statewide Importance on the State's Important Farmland Inventory is planned and designed to remove as little land as possible from potential agricultural production and to minimize impacts on topsoil.
  - **AG-1.8**: The County shall ensure that discretionary development located on land identified as Important Farmland on the State's Important Farmland Inventory shall be conditioned to avoid direct loss of Important Farmland as much as feasibly possible.
  - **AG-2.2**: The County shall plan transportation and other County capital improvements so as to avoid or mitigate impacts on important farmland to the extent feasible.

Implementation Program AG-O

Discretionary projects that would result in direct or indirect loss of Important Farmland in exceedance of the acreage loss thresholds listed in the **Table 3.3-1** below shall ensure the permanent protection of offsite farmland of equal quality at a 1:1 ratio (acres preserved: acres converted) through the establishment of an offsite agricultural conservation easement. “Offsite” means an area that is outside of the project’s permit boundaries if applicable, would not be disturbed by the project with respect to agricultural soils or production, and that otherwise complies with the below-stated requirements.

Table 3.3-1. Farmland Loss Thresholds

General Plan Land Use Designation	Important Farmland Inventory Classification	Acres Lost
Agricultural	Prime/Statewide	5
	Unique	10
	Local	15

If the Planning Division, in consultation with the Department of Agriculture/Weights & Measures, division determines that a discretionary project would result in direct or indirect loss of Important Farmland in exceedance of the acreage loss thresholds listed in the **Table 3.3-1**, the project applicant shall prepare and submit a report for the review and approval of the Planning Division in consultation with the Department of Agriculture/Weights & Measures which identifies a minimum of one proposed potential mitigation site suitable for ensuring the permanent protection of offsite farmland of equal quality at a 1:1 ratio (acres preserved: acres converted) through the establishment of one or more offsite agricultural conservation easements. The preservation of more than one site agricultural conservation easement may be considered in order to meet the required number of acres. The applicant shall also deposit funds with the County to contract with a qualified third-party agricultural economic consultant to review and advise the Planning Division and Department of Agriculture/Weights & Measures regarding the establishment and implementation of the agricultural conservation easement(s). The contents of the report shall be determined, reviewed, and approved by the Planning Division in consultation with the Department of Agriculture/Weights & Measures (hereafter referred to as the “reviewing agencies”), and shall include information necessary for the reviewing agencies and a qualified entity responsible for holding the conservation easement (e.g., a land trust organization) to determine the viability of the proposed mitigation site(s) for the establishment of a permanent agricultural conservation easement.

Among the factors necessary for approval by the reviewing agencies, the proposed mitigation site(s) shall be located in the County of Ventura unincorporated area, must not already have permanent protection, must be equivalent to or greater than the type of Important Farmland (e.g., Unique farmland) that would be converted by the project, and must be of sufficient size to be viable for long term farming use as determined by the County. Among other terms that may be required by the reviewing agencies in consultation with a qualified entity, the terms of an agricultural conservation easement shall include a requirement that it run with the land. There must also be a provision for annual monitoring by the qualified entity or its representative to ensure adherence to the terms of the conservation easement.

3.3.2 Environmental Setting

Agricultural land is rated by the by the CDOC according to soil quality and irrigation status. Important farmland is rated under the following classifications:

- Prime Farmland: Farmland with the best combination of physical and chemical features able to sustain long term agricultural production. This land has the soil quality, growing season,

and moisture supply needed to produce sustained high yields. Land must have been used for irrigated agricultural production at some time during the four years prior to the mapping date.

- Unique Farmland: Farmland of lesser quality soils used for the production of the state's leading agricultural crops. This land is usually irrigated but may include non irrigated orchards or vineyards as found in some climatic zones in California. Land must have been cropped at some time during the four years prior to the mapping date.
- Farmland of Statewide Importance: Farmland that is similar to Prime Farmland but with minor shortcomings, such as greater slopes or less ability to store soil moisture. Land must have been used for irrigated agricultural production at some time during the four years prior to the mapping date.
- Farmland of Local Importance: Land of importance to the local agricultural economy as determined by each county's board of supervisors and a local advisory committee.
- Grazing Land: Land on which the vegetation is suited to the grazing of livestock.

Important farmland within the County totals approximately 118,508 acres (County of Ventura, 2025). There is important farmland in the project area, including Prime Farmland and Farmland of Statewide of Importance (see **Figure 3.3-1**) (GPA Consulting, 2024).

There are five Williamson Act contract lands within or adjacent to the project area (see **Table 3.3-2**) (California Department of Conservation, 2025). Two parcels, APN 232-0-070-140 and APN 232-0-070-140, were enrolled in Williamson Act Contracts following circulation of the IS.

Table 3.3-2. Williamson Act Properties Within or Adjacent to the Project Area

APN	Contract Enrollment Status	Enrollment Year	Parcel Acreage[1]	ROW **Acquisition (acres)**
232-0-032-090	Prime Agriculture Land	2024	78.55	0.4918
232-0-080-285	Prime Agriculture Land	2024	72.41	0.3538
232-0-080-290	Prime Agriculture Land	2024	30.66	0.3011
232-0-070-150	Prime Agriculture Land	2024	34.57	0.3812
232-0-070-140	Prime Agriculture Land	2024	34.52	0.2936

Source: (California Department of Conservation, 2025; GPA Consulting, 2024)

[1]*Note: Parcel Acreage may vary slightly from the information found on the California Department of Conservation's Williamson Act Viewer.*

Forest Land/Timberlands

The project area does not include any forest land (i.e., land with 10 percent tree coverage, as defined in Public Resources Code section 12220(g)) or timberland (i.e., land that is available for growing a crop of trees intended for commercial use, as defined in Public Resources Code Section 4526).

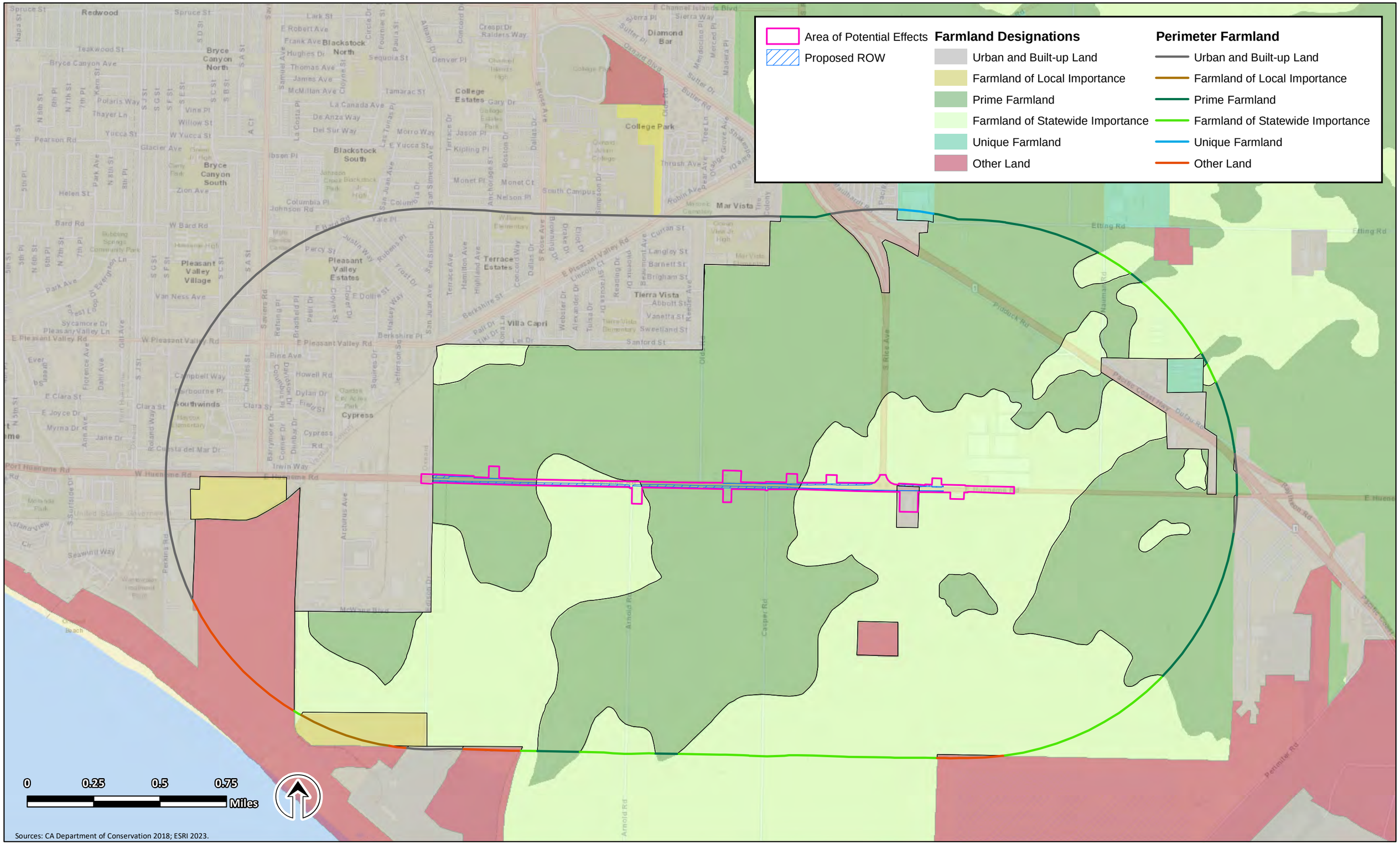


FIGURE 3.3-1. FARMLAND WITHIN ONE MILE
Hueneme Road Widening Project

3.3.3 Thresholds of Significance

The following thresholds are used to determine whether the project would result in a significant impact pursuant to CEQA. These thresholds of significance are based in general on Appendix G of the CEQA Guidelines. An agricultural or forestry impact is considered significant if the project would:

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

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

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

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

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

3.3.4 Environmental Impacts

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

Less than Significant Impact with Mitigation Incorporated. In the General Plan, *Implementation Program AG-O* assesses impacts on farmlands under CEQA (Ventura County, 2020). The guidelines specify that any project that would result in the direct or indirect loss of five acres of Prime Farmland/Farmland of Statewide Importance, 10 acres of Unique Farmland, or 15 acres of Farmland of Local Importance is considered a significant impact (see **Table 3.3-1**).

The project would result in impacts on existing farmland. The project would require permanent acquisition from existing farmland in the project area, resulting in the conversion of 7.56 acres of Prime Farmland/Farmland of Statewide Importance into a transportation facility. No acquisitions would be required from Unique Farmland or Farmland of Local Importance (see **Table 3.3-3**). Mitigation Measure **MM-AGR-1** would be implemented to ensure the permanent protection of offsite farmland of equal quality at a 1:1 ratio (acres preserved: acres converted) through the establishment of an offsite agricultural conservation easement. With the incorporation of **MM-AGR-1**, the project would result in a less than significant impact on the conversion of farmland to non-agricultural use.

Table 3.3-3. Ventura County Significance Criteria for Agriculture Impacts

Farmland Classification	Permanent Farmland Impact (acres)	Ventura County Threshold of Significance Criteria
Prime/Statewide Importance	9.2	5
Unique	0	10
Local	0	15

(b) Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?

Less than Significant. ROW acquisition would be required from APNs 232-0-032-090, 232-0-080-285, 232-0-080-290, 232-0-070-150, and 232-0-070-140, which are under a Williamson Act Contract (see **Table 3.3-2**) (California Department of Conservation, 2025). The project would require the acquisition of 1.81 acres of ROW across the five Williamson Act properties.

According to California Government Code Section 51295, when a transportation project would acquire only portion of a parcel subject to a Williamson Act contract, the contract is deemed null and void only for that portion of the Williamson Act farmland taken, and the remaining land would continue to be subject to the preservation contract. Therefore, the portion of these parcels acquired would no longer be under a Williamson Act Contract and the remaining farmland would continue to be farmable. Therefore, the project would result in a less than significant impact on agricultural land and land under a Williamson Act Contract, and no mitigation is required.

c) Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?

No Impact. The project area is not zoned for forest land and there is no timberland production within the project area. Therefore, the project would result in no impact on forest land, and no mitigation is required.

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

No Impact. The project area is not zoned for, nor does it include, forest land. See discussion in response (c) above. Therefore, the project would result in no impact on forest land, 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?

Less than Significant Impact. See discussion in response (a) and response (c).

3.3.5 Avoidance, Minimization, and Mitigation Measures

MM-AGR-1 The County of Ventura (County) shall prepare and submit a report for the review and approval of the Planning Division in consultation with the Department of Agriculture/Weights & Measures Division which identifies a minimum of one proposed potential mitigation site suitable for ensuring the permanent protection of offsite farmland of equal quality at a 1:1 ratio (acres preserved: acres converted) through the establishment of one or more offsite agricultural conservation easements. The County shall also deposit funds to contract with a qualified third-party agricultural economic consultant to review and advise the Planning Division and Department of Agriculture/Weights & Measures Division regarding the establishment and implementation of the agricultural conservation easement(s).

3.4 Air Quality

This section identifies and evaluates potential project impacts on local and regional air quality emissions. The chapter includes a discussion of the existing air quality setting; construction-related air quality impacts resulting from grading and equipment emissions; direct and indirect emissions associated with project operation; impacts of emissions on both the local and regional scale; and avoidance, minimization, or mitigation measures warranted to reduce or eliminate any identified significant impacts.

3.4.1 Regulatory Setting

This section summarizes federal, state, and local regulations related to air quality that are applicable to the project.

Federal

Clean Air Act

The Federal Clean Air Act (FCAA), as amended, is the primary federal law that governs air quality while the California Clean Air Act (CCAA) is its companion state law. These laws and related regulations by the United Sates Environmental Protection Agency (U.S. EPA) and the CARB set standards for the concentration of pollutants in the air. At the federal level, these standards are called National Ambient Air Quality Standards (NAAQS). NAAQS and state ambient air quality standards have been established for six transportation-related criteria pollutants that have been linked to potential health concerns: carbon monoxide (CO); nitrogen dioxide (NO_2); ozone (O_3); particulate matter (PM) which is broken down for regulatory purposes into particles of 10 micrometers or smaller (PM_{10}) and particles of 2.5 micrometers and smaller ($PM_{2.5}$); and sulfur dioxide (SO_2). In addition, national and state standards exist for lead (Pb), and state standards exist for visibility reducing particles, sulfates, hydrogen sulfide (H_2S), and vinyl chloride. The NAAQS and state standards are set at levels that protect public health with a margin of safety and are subject to periodic review and revision. Both state and federal regulatory schemes also

cover TACs (air toxics); some criteria pollutants are also air toxics or may include certain air toxics in their general definition.

Transportation Conformity

The conformity requirement is based on FCAA section 176(c), which prohibits the U.S. Department of Transportation (U.S. DOT) and other federal agencies from funding, authorizing, or approving plans, programs, or projects that do not conform to State Implementation Plan (SIP) for attaining the NAAQS. “Transportation Conformity” applies to highway and transit projects and takes place on two levels: the regional or planning and programming level and the project level. The project must conform to both levels to be approved.

Conformity requirements apply only in nonattainment and “maintenance” (former nonattainment) areas for the NAAQS, and only for the specific NAAQS that are or were violated. The U.S. EPA regulations at 40 Code of Federal Regulations (CFR) 93 govern the conformity process. Conformity requirements do not apply in unclassifiable/attainment areas for NAAQS and do not apply at all for state standards regardless of the status of the area.

Regional conformity relates to how well the regional transportation system supports plans for attaining the NAAQS for CO, NO_2, O_3, PM_{10}, and $PM_{2.5}$, and in some areas (although not in California) SO_2. California has attainment or maintenance areas for all these transportation-related “criteria pollutants” except SO_2 and has a nonattainment area for Pb; however, Pb is not currently required by the FCAA to be covered in transportation conformity analysis.

Regional conformity is based on emission analysis of Regional Transportation Plans (RTP) and FTIPs that include all transportation projects planned for a region over a period of at least 20 years (for the RTP), and four years (for the FTIP). RTP and FTIP conformity use travel demand and emission models to determine whether the implementation of those projects would conform to emission budgets or other tests at various analysis years showing that requirements of the FCAA and the SIP are met. If the conformity analysis is successful, the Metropolitan Planning Organization (MPO), FHWA, and Federal Transit Administration make the determinations that the RTP and FTIP are in conformity with the SIP for achieving the goals of the FCAA. Otherwise, the projects in the RTP and/or FTIP must be modified until conformity is attained. If the design concept, scope, and “open-to-traffic” schedule of a proposed transportation project are the same as described in the RTP and the TIP, then the project meets regional conformity requirements for purposes of project-level analysis.

Project-level conformity is achieved by demonstrating that the project comes from a conforming RTP and TIP and has a design concept and scope that have not changed substantially from those in the RTP and TIP. If the design concept and scope have changed substantially from that used in the RTP Conformity analysis, RTP and TIP amendments may be needed. Project-level conformity analysis also needs to demonstrate that project analyses have used the latest planning assumptions and U.S. EPA-approved emissions models and that the project complies with any control measures in the SIP in PM areas. Furthermore, additional analyses (known as hot-spot analyses) may be required for projects located in CO and PM nonattainment or maintenance areas to examine localized air quality impacts.

National Ambient Air Quality Standards

As required by the CAA, the U.S. EPA has established NAAQS for six major air pollutants. California also has established ambient air quality standards, known as the California Ambient Air Quality Standards (CAAQS), which generally are more stringent than the corresponding federal standards and incorporate additional standards for sulfates, H2S, vinyl chloride, and visibility-reducing particles. The federal and state standards for criteria air pollutants are shown in **Table 3.4-1**. Pollutants are measured in parts per million (ppm), parts per billion (ppb), or micrograms per meter cubed (μg/m^3).

Table 3.4-1. National and State Air Quality Standards

Contaminant Averaging Time	Federal Primary Standards	State Standards
Ozone 1-hour	--	0.09 ppm
Ozone 8-hour	0.070 ppm	0.070 ppm
Carbon Monoxide 1-hour	35 ppm	20 ppm
Carbon monoxide 8-hour	9 ppm	9 ppm
Nitrogen dioxide 1-hour	0.100 ppm	0.18 ppm
Nitrogen dioxide annual mean	0.053 ppm	0.030 ppm
Sulfur dioxide 1-hour	0.075 ppm	0.25 ppm
Sulfur Dioxide 24-hour	0.14 ppm	0.04 ppm
Sulfur Dioxide annual mean	0.030 ppm	--
PM_{10} 24-hour	150 μg/m^3	50 μg/m^3
PM_{10} annual mean	--	20 μg/m^3
$PM_{2.5}$ 24-hour	35	9
$PM_{2.5}$ annual mean	12	--
Sulfates 24-hour	--	25 μg/m^3
Lead 30-day average	--	1.5 μg/m^3
Lead rolling 3-month average	0.15 μg/m^3	--
Hydrogen Sulfide 1-hour	--	0.03 ppm
Vinyl Chloride 24-hour	--	0.01 ppm
Visibility-reducing particles 8-hour (10 a.m. to 6 p.m.)	--	Visibility equivalent to 10-mile visual range
Source: (California Air Resources Board, 2024)		

State

California Clean Air Act

The CCAA requires that all air districts in the state endeavor to achieve and maintain CAAQS for O_3, CO, SO_2, and NO_2 by the earliest practical date. The CCAA specifies that districts focus

particular attention on reducing emissions from transportation and area-wide emission sources, and the act provides districts with authority to regulate indirect sources. Each district plan is required to either 1) achieve a five percent annual reduction, averaged over consecutive 3-year periods, in district-wide emissions of each non-attainment pollutant or its precursors, or 2) provide for implementation of all feasible measures to reduce emissions. Any planning effort for air quality attainment would thus need to consider both state and federal planning requirements.

Assembly Bills 1807 and 2588 – Toxic Air Contaminants

Within California, Toxic Air Contaminants (TAC) are regulated primarily through Assembly Bill (AB) 1807 (Tanner Air Toxics Act) and AB 2588 (Air Toxics Hot Spots Information and Assessment Act of 1987). The Tanner Air Toxics Act sets forth a formal procedure for CARB to designate substances as TACs. This includes research, public participation, and scientific peer review before CARB designates a substance as a TAC. Existing sources of TACs that are subject to the Air Toxics Hot Spots Information and Assessment Act are required to 1) prepare a toxic emissions inventory, 2) prepare a risk assessment if emissions are significant, 3) notify the public of significant risk levels, and 4) prepare and implement risk reduction measures.

Local

Ventura County Air Quality Assessment Guidelines

CEQA requires evaluation of the environmental impacts, including air quality impacts, of proposed projects. CEQA applies to all discretionary activities proposed or approved by California public agencies, unless an exemption applies. The Ventura County Air Quality Assessment Guidelines is an advisory document that provides lead agencies, consultants, and project applicants with a framework and uniform methods for preparing air quality evaluations for environmental documents (Ventura County Air Pollution Control District, 2003). The guidelines recommend specific criteria and threshold levels for determining whether a proposed project may have a significant adverse air quality impact. The guidelines also provide mitigation measures that may be useful for mitigating the air quality impacts of proposed projects. These are guidelines only, and their use is not required or mandated by the VCAPCD. The final decision of whether to use these guidelines rests with the Lead Agency responsible for approving the project.

Ventura County Air Pollution Control District Rule 55, Fugitive Dust

On June 8, 2008, the VCAPCD adopted Rule 55, Fugitive Dust. Rule 55 became effective on October 8, 2008. Rule 55 was adopted to comply with a state law that requires local air districts with air quality levels exceeding the state's PM standards to adopt control measures to reduce PM air pollution. Ventura County exceeds the state's air quality standards for PM. The adverse health impacts from PM air pollution include asthma and other lung diseases, heart disease, and premature death. VCAPCD staff estimates that Rule 55 will reduce PM air pollution by six tons per day. Rule 55 applies to any disturbed surface area, or man-made condition capable of generating fugitive dust, including bulk material handling, earth-moving, construction, demolition,

storage piles, unpaved roads, track-out, or off-field agricultural operations. The key provisions of Rule 55 are as follows:

1) Visible dust from an applicable source is prohibited or limited;
2) Measures must be taken to reduce or prevent track-out onto paved public roadways from an applicable source;
3) Track-out must be removed from roadways;
4) Visible dust exceeding 100 feet in length from earth-moving activities is prohibited;
5) Bulk material handling facilities with a monthly import or export of 2,150 cubic yards or more of bulk material must take measures to reduce or prevent track-out onto a paved public road; and
6) Outbound trucks with bulk materials or soil must either be tarped, have a 6-inch freeboard below the rim of the truck bed, or be wetted or treated to minimize the loss of material to wind or spillage.

Ventura County Air Quality Management Plan

The 2022 Ventura County Air Quality Management Plan (VCAQMP) presents a combined state and local strategy for attaining the 2015 federal 8-hour ambient air quality standard for ozone, the only federal clean air standard Ventura County does not meet, by the statutory compliance deadline of August 3, 2027 (Ventura County Air Pollution Control District, 2022). It was prepared to satisfy FCAA planning requirements for areas designated as serious federal 8-hour O_3 nonattainment areas, including, but not limited to, updated air quality information, an updated emissions inventory, local and state air pollutant control measures, new emission forecasts and projections, a new federal conformity budget for transportation projects, a reasonable further progress demonstration for precursors of ozone (reactive organic gases [ROG] and nitrogen oxides [NO_x]), a new countywide emission carrying capacity, and a demonstration that the County will attain the federal 8-hour ozone standard. The VCAQMP is based on assumptions provided by CARB and SCAG related to the most recent motor vehicle and demographic information. The VCAQMP projections are based, in part, on land use designations and growth forecasts identified in land use plans from cities and counties located in the South Central Coast Air Basin (SCCAB).

Ventura County Comprehensive Transportation Plan

The CTP is a long-range planning document adopted by the VCTC that plans for the future of transportation in the County over the next 20 to 30 years (Ventura County Transportation Commission, 2023). The 2023 CTP incorporates socioeconomic data, community priorities, and local transportation solutions while also placing a special emphasis on inclusion of disadvantaged and underserved communities to create a more equitable transportation future for all. The CTP:

- Identifies future transportation needs, priorities, and funding;
- Identifies strategies to reduce emissions and improve air quality;
- Enhances equitable access to mobility options; and

- Establishes a vision for mobility in Ventura County for the next 20 to 30 years.

Ventura County General Plan

The General Plan sets forth goals, policies, and programs that the County will implement to manage future growth and land uses within the County. The following air quality goals and policies would apply to the project (Ventura County, 2020):

- ***Goals***
  - **HAZ-10:** To promote a high level of air quality in order to protect public health, safety, and welfare, and mitigate any adverse air quality impacts to the maximum extent feasible.
- ***Policies***
  - **HAZ-10.1:** The County shall strive to reduce air pollutants from stationary and mobile sources to protect human health and welfare, focusing efforts on shifting patterns and practices that contribute to the areas with the highest pollution exposures and health impacts.
  - **HAZ-10.2:** The County shall prohibit discretionary development that is inconsistent with the most recent adopted Air Quality Management Plan, unless the Board of Supervisors adopts a statement of overriding considerations.
  - **HAZ-10.3:** The County shall ensure that discretionary development subject to VCAPCD permit authority complies with all applicable VCAPCD rules and permit requirements, including the use of Best Available Control Technology as determined by the VCAPCD.
  - **HAZ-10.5:** The County shall work with applicants for discretionary development projects to incorporate bike facilities, solar water heating, solar space heating, incorporation of electric appliances and equipment, and the use of zero and/or near zero emission vehicles and other measures to reduce air pollution impacts and reduce greenhouse gas (GHG) emissions.
  - **HAZ-10.9:** The County shall require that discretionary development which will create objectionable odors that could affect a substantial number of people are appropriately mitigated. The project, pursuant to state law, shall be required to operate in accordance with the Rules and Regulations of the VCAPCD, with emphasis on Rule 51, Nuisance throughout the life of the permit.
  - **HAZ-10.12:** The County shall require that discretionary development that would have a significant adverse air quality impact shall only be approved if it is conditioned with all feasible mitigation measures to avoid, minimize or compensate (offset) for the air quality impact. The use of innovative methods and technologies to minimize air pollution impacts shall be encourage in project design.
  - **HAZ-10.13**: Discretionary development projects that will generate construction-related air emissions shall be required by the County to incorporate Best Management Practices (BMPs) to reduce emissions. These BMPs shall include the measures recommended by

VCAPCD in its Air Quality Assessment Guidelines or otherwise to the extent applicable to the project.

- **HAZ-10.14**: The County shall ensure that discretionary development which will generate fugitive dust emissions during construction activities will, to the extent feasible, incorporate appropriate BMPs to reduce emissions to be less than applicable thresholds.

3.4.2 Environmental Setting

This section summarizes existing air quality conditions near the project area. This includes attainment statuses for criteria pollutants, describes local ambient concentrations of criteria pollutants for the past five years, and discusses mobile-source air toxics and GHG emissions. The information in this section is based on the *Air Quality Report (*see **Appendix C***)* prepared for the project (AMBIENT Air Quality & Noise Consulting, 2025).

Regional Climate and Meteorology

The project area is within the SCCAB, which covers San Luis Obispo, Santa Barbara, and Ventura counties. The SCCAB is bordered by the Pacific Ocean to the west, the South Coast Air Basin to the south, the Southeast Desert Air Basin and San Joaquin Valley Air Basin to the east, and the North Central Coast Air Basin to the north. The average annual temperature throughout the SCCAB is approximately 62 degrees Fahrenheit (F).

Criteria Pollutants of Concern

The FCAA requires the U.S. EPA to set NAAQS for six criteria air contaminants: O_3, PM, CO, NO_2, Pb, and SO_2. It also permits states to adopt additional or more protective air quality standards if needed. California has outlined effects and sources for six criteria pollutants (see **Table 3.4-2**).

Table 3.4-2. State and Federal Criteria Air Pollutant Effects and Sources

Pollutant	Principal Health and Atmospheric Effects	Typical Sources
Ozone (O_3)	High concentrations irritate lungs. Long-term exposure may cause lung tissue damage and cancer. Long-term exposure damages plant materials and reduces crop productivity. Precursor organic compounds include many known TACs. Biogenic volatile organic compounds may also contribute.	Low-altitude ozone is almost entirely formed from ROG/volatile organic compounds and nitrogen oxides in the presence of sunlight and heat. Common precursor emitters include motor vehicles and other internal combustion engines, solvent evaporation, boilers, furnaces, and industrial processes.
Respirable Particulate Matter (PM_{10})	Irritates eyes and respiratory tract. Decreases lung capacity. Associated with increased cancer and mortality. Contributes to haze and reduced visibility. Includes some TACs. Many toxic and other aerosol and solid compounds are part of PM_{10}.	Dust- and fume-producing industrial and agricultural operations; combustion smoke and vehicle exhaust; atmospheric chemical reactions; construction and other dust-producing activities; unpaved road dust and re-entrained paved road dust; natural sources.

Pollutant	Principal Health and Atmospheric Effects	Typical Sources
Fine Particulate Matter ($PM_{2.5}$)	Increases respiratory disease, lung damage, cancer, and premature death. Reduces visibility and produces surface soiling. Most diesel exhaust particulate matter – a toxic air contaminant – is in the $PM_{2.5}$ size range. Many toxic and other aerosol and solid compounds are part of $PM_{2.5}$.	Combustion including motor vehicles, other mobile sources, and industrial activities; residential and agricultural burning; also formed through atmospheric chemical and photochemical reactions involving other pollutants including NO_X, sulfur oxides, ammonia, and ROG.
Carbon Monoxide (CO)	CO interferes with the transfer of oxygen to the blood and deprives sensitive tissues of oxygen. CO also is a minor precursor for photochemical ozone. Colorless, odorless.	Combustion sources, especially gasoline-powered engines and motor vehicles. CO is the traditional signature pollutant for on-road mobile sources at the local and neighborhood scale.
Nitrogen Dioxide (NO_2)	Irritating to eyes and respiratory tract. Colors atmosphere reddish-brown. Contributes to acid rain and nitrate contamination of stormwater. Part of the "NO_X" group of ozone precursors.	Motor vehicles and other mobile or portable engines, especially diesel; refineries; and industrial operations.
Sulfur Dioxide (SO_2)	Irritates respiratory tract; injures lung tissue. Can yellow plant leaves. Destructive to marble, iron, steel. Contributes to acid rain. Limits visibility.	Fuel combustion (especially coal and high-sulfur oil), chemical plants, sulfur recovery plants, metal processing; some natural sources like active volcanoes. Limited contribution possible from heavy-duty diesel vehicles if ultra-low sulfur fuel not used.
Lead (Pb)	Disturbs the gastrointestinal system. Causes anemia, kidney disease, and neuromuscular and neurological dysfunction. Also, a toxic air contaminant and water pollutant.	Lead-based industrial processes like battery production and smelters. Lead paint and leaded gasoline. Aerially deposited lead from older gasoline use may exist in soils along major roads.
Visibility-Reducing Particles (VRP)	Reduces visibility. Produces haze. NOTE: not directly related to the Regional Haze program under the FCAA, which is oriented primarily toward visibility issues in National Parks and other "Class I" areas. However, some issues and measurement methods are similar.	See particulate matter above. May be related more to aerosols than to solid particles.
Sulfate	Premature mortality and respiratory effects. Contributes to acid rain. Some TACs attach to sulfate aerosol particles.	Industrial processes, refineries and oil fields, mines, natural sources like volcanic areas, salt-covered dry lakes, and large sulfide rock areas.
Hydrogen Sulfide (H_2S)	Colorless, flammable, poisonous. Respiratory irritant. Neurological damage and premature death. Headache, nausea. Strong odor.	Industrial processes such as refineries and oil fields, asphalt plants, livestock operations, sewage treatment plants, and mines. Some natural sources like volcanic areas and hot springs.
Vinyl Chloride	Neurological effects, liver damage, cancer. Also considered a toxic air contaminant.	Industrial processes.

Source: (AMBIENT Air Quality & Noise Consulting, 2025)

Existing Air Quality Conditions

There are two air quality monitoring stations located near the project area. The El Rio-Rio Mesa School #2 station is located approximately nine miles east of the project area and provides measurements for O_3, $PM_{2.5}$, PM_{10}, and NO_2. The Reseda station located approximately 35 miles east of the project area, was used as the closest station for CO. State and federal standards for O_3 were exceeded several times in the last five years (see **Table 3.4-3**). The federal standards for $PM_{2.5}$ and PM_{10} have also been exceeded on various occasions in the past five years.

Table 3.4-3. Air Quality Concentrations for the Past Five Years Measured at El Rio-Rio Mesa School #2 and Reseda Ambient Air Quality Monitoring Stations

Pollutant	Standard	2020	2021	2022	2023[3]	2024
Ozone [1]						
Max 1-hr concentration		0.104	0.073	0.077	0.071	0.073
No. days exceeded: State	0.09 ppm	2	0	0	0	0
Max 8-hr concentration		0.086	0.059	0.063	0.058	0.060
No. days exceeded: State Federal	0.070 ppm 0.070 ppm	3 3	00	0 0	0 0	0 0
PM_{10} [1]						
Max 24-hr concentration		200.7	377.8	57.9	102.8	272.9
No. days exceeded: State Federal	50 µg/m^3 150 µg/m^3	21 2	12 1	3 0	NA 0	3 1
Annual concentration average		25.2	26.4	22.7	NA	NA
No. days exceeded: State	20 µg/m^3	NA	NA	NA	NA	NA
$PM_{2.5}$ [1]						
Max 24-hr concentration		58.7	31.7	18.5	24.5	90.5
No. days exceeded: Federal	35 µg/m^3	3	0	0	0	2
Annual concentration average		7.5	6.8	6.5	6.1	5.1
No. days exceeded: State Federal	12 µg/m^3 12.0 µg/m^3	NA NA	NA NA	NA NA	NA NA	NA NA
Nitrogen Dioxide [1]						
Max 1-hr concentration		31.0	33.0	32.0	27.0	29.0
No. days exceeded: State Federal	0.18 ppm 100 ppb	0 0	0 0	0 0	0 0	0 0

Pollutant	Standard	2020	2021	2022	2023[3]	2024
Annual concentration average		5	4	4	3	4
No. days exceeded: State	0.030 ppm	NA	NA	NA	NA	NA
Federal	53 ppb	NA	NA	NA	NA	NA
Carbon Monoxide [2]						
Max 1-hr concentration		2.6	2.0	2.6	2.2	2.3
No. days exceeded: State	20 ppm	0	0	0	0	0
Federal	35 ppm	0	0	0	0	0
Max 8-hr concentration		2.2	1.7	1.9	1.8	1.7
No. days exceeded: State	9 ppm	0	0	0	0	0
Federal	9 ppm	0	0	0	0	0

1. Data from El Rio-Rio Mesa School #2 Monitoring Station

2. Data from Reseda Monitoring Station

3. Data obtained from U.S. EPA Air Data – Monitor Values Report

Source: (AMBIENT Air Quality & Noise Consulting, 2025)

Regional Attainment Status

Local monitoring data is used to designate areas as non-attainment, maintenance, attainment, or unclassified areas for ambient air quality standards. The four designations are defined as follows:

- **Non-Attainment:** Assigned to areas where monitored pollutant concentrations consistently violate the standard in question.
- **Maintenance:** Assigned to areas where monitored pollutant concentrations exceeded the standard in question in the past but are no longer in violation of that standard.
- **Attainment**: Assigned to areas where pollutant concentrations meet the standard in question over a designated period of time.
- **Unclassified:** Assigned to areas where data is inadequate for determining whether a pollutant is violating the standard in question.

The SCCAB is currently designated as a non-attainment area for the state and federal O_3 standards and state PM_{10} standards (see **Table 3.3-4**). SCCAB is designated as in attainment or unclassified for the remaining state and federal standards.

Table 3.4-4. State and Federal Attainment Status of the South Central Coast Air Basin

Pollutant	State Designation	Federal Designation
2015 8-Hour Ozone (O_3)	Non-Attainment	Non-Attainment (Serious)
2008 8-Hour Ozone (O_3)	Non-Attainment	Non-Attainment (Serious)
1997 8-Hour Ozone (O_3)	Non-Attainment	Non-Attainment (Serious)

Pollutant	State Designation	Federal Designation
Respirable Particulate Matter (PM_{10})	Non-Attainment	Attainment
2012 Fine Particulate Matter ($PM_{2.5}$)	Attainment	Attainment
2006 Fine Particulate Matter ($PM_{2.5}$)	Attainment	Attainment
1997 Fine Particulate Matter ($PM_{2.5}$)	Attainment	Attainment
Carbon Monoxide (CO)	Attainment	Attainment
Nitrogen Dioxide (NO_2)	Attainment	Attainment
Sulfur Dioxide (SO_2)	Attainment	Attainment
Lead (Pb)	Attainment	Attainment
Visibility-Reducing Particles	Attainment/Unclassified	N/A
Sulfates	Attainment/Unclassified	N/A
Hydrogen Sulfide (H_2S)	Attainment/Unclassified	N/A
Vinyl Chloride	Attainment/Unclassified	N/A

N/A = not available

Source: (AMBIENT Air Quality & Noise Consulting, 2025)

Sensitive Receptors

Sensitive land uses are generally considered to include those where exposure to pollutants could result in health-related risks for sensitive individuals, including children and the elderly. There are no sensitive receptors within the project area, as there are no land uses where sensitive receptors would be located (see **Figure 2.1-3**).

Conformity Status

The project is included in the regional emissions analysis conducted by SCAG for the conforming 2024-2050 Regional Transportation Plan/Sustainable Communities Strategy (SCS) Amendment #13 and the 2023 FTIP Amendment #25-09. The project's design, concept, and scope have not changed substantially from what was analyzed in the regional emission analysis prepared for the federally approved SCAG 2024-2050 RTP/SCS Amendment #1 and the 2023 FTIP Amendment #25-09. The County is designated as in attainment for CO, $PM_{2.5}$, and PM_{10} relative to federal standards, and the project would not cause or contribute to any new localized CO, $PM_{2.5}$, and PM_{10} violations, or delay the timely attainment of any NAAQS or any required interim emission reductions or other milestones during the timeframe of the transportation plan (Ventura County

Air Pollution Control District, n.d.). Therefore, conformity and PM hot-spot analyses are not required.

3.4.3 Thresholds of Significance

The following thresholds are used to determine whether the project would result in a significant impact pursuant to CEQA. These thresholds of significance are based in general on Appendix G of the CEQA Guidelines. An air quality impact is considered significant if the project would:

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

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

(c) Expose sensitive receptors to substantial pollutant concentrations; and/or

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

Pursuant to CEQA Guidelines Section 15064.4(b)(2), the Lead Agency is charged with determining a threshold of significance that is applicable to the project. For the EIR analysis, the County has elected to use VCAPCD's thresholds of significance (see **Table 3.4-5**). VCAPCD does not quantify significance thresholds for any other criteria pollutants. Federal and state thresholds would apply for all other criteria pollutants (see **Table 3.4-6**).

Table 3.4-5. Ventura County Air Pollution Control District Ozone Thresholds

Pollutant	Precursors	Thresholds (lbs/day)
Ozone (O_3)	Reactive Organic Compounds	25
	Nitrogen Oxides	25

Table 3.4-6: South Coast Air Quality Management District Air Quality Significance Thresholds

Mass Daily Thresholds		
Pollutant	**Construction**	**Operation**
NO_x	100 lbs/day	55 lbs/day
VOC	75 lbs/day	55 lbs/day
PM_{10}	150 lbs/day	150 lbs/day
$PM_{2.5}$	55 lbs/day	55 lbs/day
SO_x	150 lbs/day	150 lbs/day
CO	550 lbs/day	550 lbs/day
Lead	3 lbs/day	3 lbs/day
Odor		
Odor	Project creates an odor nuisance pursuant to South Coast AQMD Rule 402	

3.4.4 Environmental Impacts

(a) Would the project conflict with or obstruct implementation of the applicable air quality plan?

Construction Impacts

Less than Significant Impact. Projects that would be considered to conflict with existing or future growth projections, or that would exceed VCAPCD-recommended project-level significance thresholds, would potentially conflict with the thresholds defined in the VCAQMP (see **Table 3.4-6**). Construction emissions were estimated using the Sacramento Metropolitan Air Quality Management District's Road Construction Emissions Model, Version 9.0.1 based on the estimated amount of material to be imported and exported, off-road equipment usage, and construction schedules provided by the project engineers. Construction emissions were estimated using this model below (see **Table 3.4-7**).

Table 3.4-7.Construction Emissions of Criteria Air Pollutants & Precursors

Construction Phase	Emissions (lbs/day)[1]				
	ROG	CO	NO_x	PM_{10}	$PM_{2.5}$
Land Clearing/Grubbing	0.4	4.5	3.5	5.8	0.7
Grading/Excavation (2030)	3.2	38.3	24.0	8.2	1.7
Grading/Excavation (2031)	2.9	35.9	22.4	1.9	0.9
Drainage/Utilities/Sub-Grade (2031)	1.7	21.0	13.0	7.0	1.1
Paving (2031)	0.8	13.0	7.1	6.2	0.9
Maximum/Day:	*3.2*	*38.3*	*24.0*	*8.2*	*1.7*
2030 Project Total (tons/year)	*0.2*	*2.5*	*1.6*	*0.6*	*0.1*
2031 Project Total (tons/year)	*0.1*	*1.1*	*0.7*	*0.4*	*0.1*
2030-2031 Project Total (tons)	*0.3*	*3.6*	*2.3*	*1.0*	*0.2*

[1] *Construction emissions were estimated using CalEEMod, Version 2022.1.1.30 based, in part, on project-specific information provided by the project engineer. Assumes compliance with VCAPCD Rule 55 for the control of fugitive dust. Source:* (AMBIENT Air Quality & Noise Consulting, 2025)

The construction period would be over a 12-month period and would generate maximum-daily emissions of approximately 3.2 lbs/day of ROG, 38.3 lbs/day of CO, 24.0 lbs/day of NO_X, 8.2 lbs/day of PM_{10}, and 1.7 lbs/day of $PM_{2.5}$. Total emissions generated during construction would be approximately 0.3 tons of ROG, 3.6 tons of CO, 2.3 tons of NO_X, 1.0 tons of PM_{10}, and 0.2 ton of $PM_{2.5}$. These are all below the thresholds set by the South Coast Air Quality Management District (SCAQMD) of emissions per day (see **Table 3.4-6**).

The project would be constructed in compliance with VCAPCD's Rule 55 (Fugitive Dust), which identifies measures to control fugitive dust generated during onsite ground-disturbing activities, and Caltrans Standard Specifications 14-9.02 (**AQ-1** through **AQ-4**, **AQ-6**, **AQ-9** through **AQ-11**).

The project's design, concept, and scope have not changed from what was analyzed in the regional emission analysis prepared for the federally approved SCAG 2024-2050 RTP/SCS Amendment #1. The air conformity analysis prepared for these plans found that the project would conform to the SIP for attaining and maintaining the NAAQS provided in Section 176(c) of the FCAA. In addition, the project would not contribute to existing or projected future mobile-source CO concentrations that would be projected to exceed federal or state CO standards. With implementation of the avoidance and minimization measures above, the project would result in a less than significant impact on an applicable air quality plan during construction, and no mitigation is required.

Operational Impacts

Less than Significant Impact. Projects that would conflict with existing or future growth projections or that would exceed VCAPCD-recommended project-level significance thresholds would potentially conflict with the AQMP. When evaluated on an annual basis, the project would result in an overall emissions reduction when compared to the existing condition. Estimated net changes in annual operational emissions are summarized in **Table 3.4-8**. No new, permanent, emission-generating components would be installed as a part of the project. Typical operational activities are not anticipated to have any long-term impact on air quality plan attainment.

The County would construct the project to be in compliance with all VCAPCD rules and regulations. With the implementation of measures **AQ-13** and **AQ-14**, the project would result in a less than significant impact on an applicable air plan during operation, and no mitigation is required.

Table 3.4-8. Summary of Comparative Operational Emissions Analysis

Scenario/Analysis Year	Emissions (Tons/Year)[1]				
	$PM_{2.5}$	PM_{10}	NO_X[2]	CO	ROG
Existing Year 2023	0.33	1.82	2.02	10.15	0.55
No-Build Alternative – Opening Year 2030	0.32	1.80	1.06	6.93	0.39
No-Build Alt. 2030 Compared to Existing:	-0.01	-0.01	-0.96	-3.22	-0.16
Percent Change:	-3 %	-1 %	-48 %	-32 %	-29 %
Build Alternative – Opening Year 2030	0.33	1.85	1.09	7.11	0.40
Build Alt. 2030 Compared to Existing:	0.00	0.03	-0.94	-3.04	-0.15
Percent Change:	-0 %	2 %	-46 %	-30 %	-27 %
Build Alt. 2030 Compared to No-Build Alt. 2030:	0.01	0.05	0.03	0.17	0.01
Percent Change:	3 %	3 %	3 %	3 %	3 %
No-Build Alternative – Design Year 2050	0.34	1.96	0.46	5.06	0.26
No-Build Alt. 2050 Compared to Existing:	0.01	0.15	-1.56	-5.09	-0.29
Percent Change:	2 %	8 %	-77 %	-50 %	-53 %
Build Alternative – Design Year 2050	0.35	2.01	0.47	5.19	0.27
Build Alt. 2050 Compared to Existing:	0.02	0.20	-1.55	-4.96	-0.28

Scenario/Analysis Year	Emissions (Tons/Year)[1]				
	$PM_{2.5}$	PM_{10}	NO_X[2]	CO	ROG
Percent Change:	5 %	11 %	-77 %	-49 %	-52 %
Build 2050 Alt. Compared to No-Build Alt. 2050:	0.01	0.05	0.01	0.13	0.01
Percent Change:	3 %	3 %	3 %	3 %	3 %

1. Emissions were calculated using the CT-EMFAC2021 version 1.0.2 computer program based, in part, on traffic data provided for this project (Kimley Horn 2023). Includes exhaust emissions, brake, road, and tire dust.
Source: (AMBIENT Air Quality & Noise Consulting, 2025)

(b) Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

Construction Impacts

Less than Significant Impact. The project is located in a federal and state nonattainment area for ozone and state non-attainment for PM. Construction-related emissions would be generated from land clearing/grubbing, grading/excavation, drainage/utilities/subgrade, paving construction equipment, construction workers' commute, and construction material hauling. During construction of the project, various types of equipment such as scrapers, bulldozers, heavy trucks, backhoes, pneumatic tools, vibratory pile drivers, and concrete pumps would be used, which would involve the use of diesel- and gasoline-powered equipment that would generate emissions of criteria pollutants.

Construction would generate maximum daily emissions of approximately 43.2 lbs/day of ROG, 38.3 lbs/day of CO, 24.0 lbs/day of NO_X, 8.2 lbs/day of PM_{10}, and 1.7 lbs/day of $PM_{2.5}$ (see **Table 3.4-7**). Total emissions generated during construction would be approximately 0.3 tons of ROG, 3.6 tons of CO, 2.3 tons of NO_X, 1.0 tons of PM_{10}, and 0.2 tons of $PM_{2.5}$. Construction of the project is anticipated to last approximately 12 months.

The VCAPCD does not identify quantitative CEQA significance thresholds for short-term construction-generated emissions. However, if emissions of ROG or NO_x exceed 25 pounds per day, the VCAPCD recommends that control measures be included to reduce short-term emissions. As shown in **Table 3.4-7**, ROG and NO_x emissions are not projected to exceed 25 pounds per day. In addition, the project would comply with Caltrans Standard Specifications 14-9 and the County's Rule 55 (Fugitive Dust) (**AQ-1** through **AQ-4**, **AQ-6**, **AQ-9** through **AQ-11**). With the implementation of measures **AQ-1** through **AQ-4**, **AQ-6**, **AQ-9** through **AQ-14**, the project would result in a less than significant impact on the emission of criteria pollutants during construction, and no mitigation is required.

Operational Impacts

Less than Significant Impact. Long-term operational emissions of criteria air pollutants would be associated with the operation of motor vehicles. Long-term operational emissions were quantified using CT-EMFAC2021 version 1.0.2 computer program based on traffic information provided by Kimley-Horn Associates (Kimley Horn, 2023) (see **Table 3.4-8**). Operational

emissions were quantified for baseline 2023, 2030, and 2050 conditions, as well as project conditions for 2030 and 2050. In comparison to baseline 2030 and 2050 conditions, the project is predicted to increase emissions by approximately three percent for $PM_{2.5}$, $PM_{10,}$ NO_X, CO, and ROG. However, on a regional basis, implementation of the project is not anticipated to result in a significant increase in long-term VMT and associated mobile-source emissions (see **Table 3.4-8**) Therefore, the project would result in a less than significant impact on air quality standards during operation, and no mitigation is required.

The criteria pollutants of concern for the project area are O_3 and PM_{10}. Ventura County is designated as nonattainment for O_3 at both the federal and state level andPM_{10} at only the state level. The County would construct the project in compliance with all VCAPCD rules and regulations. The air quality conformity analysis prepared for these plans found that the plans, which consider regionally significant projects and financial constraints, would conform to the SIP for attaining and maintaining the NAAQS as provided in Section 176(c) of the FCAA. In addition, the project would not cause or contribute to any new localized CO, $PM_{2.5}$, and/or PM_{10} violations, or delay the timely attainment of any NAAQS or any required interim emission reductions or other milestones during the timeframe of the transportation plan (or regional emissions analysis). Therefore, the project would result in a less than significant impact regarding the emissions of criteria pollutants during operation, and no mitigation is required.

(c) Would the project expose sensitive receptors to substantial pollutant concentrations?

No Impact. Construction activities would result in short-term pollutant emissions (airborne dust); however, there are no sensitive receptors located near the project area. With the implementation of measures **AQ-5**, **AQ-7**, and **AQ-8**, the project would result in no impact on sensitive receptors, and no mitigation is required.

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

Less than Significant Impact. Pollutants of principal concern include emissions leading to odors, dust emissions, or emissions considered to constitute air pollutants. Air pollutants have been discussed in response (a) through (c) above. Therefore, the following discussion focuses on emissions of odors and dust.

Minor sources of pollutants that may result in odors would be present during construction. The predominant source of power for construction equipment is diesel engines. Exhaust from diesel engines, as well as emissions associated with asphalt paving may result in odors being present in and around the project area. Odors would be temporary and would disperse rapidly with distance from the source.

The project would be constructed in compliance with VCAPCD's Rule 55 (Fugitive Dust) and Caltrans Standards Specifications 14-9.02 (**AQ-1** through **AQ-4**, **AQ-6**, **AQ-9** through **AQ-11**). These measures would ensure that construction of the project would not result in substantial emissions of dust. Following construction, the roadway would be paved and would not include any exposed topsoil. Areas adjacent to the roadway would be treated with erosion control

measures to minimize dust. Therefore, project operation would generate a similar amount of dust as existing condition and therefore would not adversely affect a substantial number of people. Therefore, the project would result in a less than significant impact on other emissions adversely affecting a substantial number of people, and no mitigation is required.

3.4.5 Avoidance and Minimization Measures

AQ-1 The construction contractor would comply with the California Department of Transportation's (Caltrans) non-standard special provision Section 14-9.05 (2023). Section 14-9.05 requires identification of the local air quality jurisdiction and for the contract to comply with all applicable rules and best management practices. The project would comply with all applicable Ventura County Air Pollution Control District (VCAPCD) rules and regulations including, but not limited to, Rule 55 for the control of fugitive dust, Rule 62.7 for the control of asbestos-containing material (ACM), and Rule 74.4, which prohibits the use of cutback asphalt.

AQ-2 Water or a dust palliative would be applied to the site and equipment as often as necessary to control fugitive dust emissions.

AQ-3 Soil binder would be spread on any unpaved roads used for construction purposes, and on all project construction parking areas.

AQ-4 Trucks would be washed as they leave the right-of-way (ROW) as necessary to control fugitive dust emissions.

AQ-5 Construction equipment and vehicles would be properly tuned and maintained. All construction equipment would use low sulfur fuel as required by the California Code of Regulations Title 17, Section 93114.

AQ-6 A dust control plan would be developed documenting sprinkling, temporary paving, speed limits, and timely re-vegetation of disturbed slopes as needed to minimize construction impacts on existing communities.

AQ-7 Equipment and materials storage sites would be located as far away from residential and park uses as practicable. Construction areas would be kept clean and orderly.

AQ-8 Environmentally sensitive areas would be established near sensitive air receptors. Within these areas, construction activities involving the extended idling of diesel equipment or vehicles would be prohibited, to the extent feasible.

AQ-9 Track-out reduction measures, such as gravel pads at project access points to minimize dust and mud deposits on roads affected by construction traffic, would be used.

AQ-10 All transported loads of soil and wet materials would be covered before transport, or adequate freeboard (space from the top of the material to the top of the truck) would be provided to minimize the emission of dust during transportation.

AQ-11 Dust and mud that are deposited on paved, public roads due to construction activity and traffic would be promptly and regularly removed to reduce Particulate Matter (PM) emissions.

AQ-12 To the extent feasible, construction traffic would be scheduled and routed to reduce congestion and related air quality impacts caused by idling vehicles along local roads during peak travel times.

AQ-13 Mulch would be installed, or vegetation planted as soon as practicable after grading to reduce windblown Particulate Matter (PM) in the area.

AQ-14 In addition, nonstandard special provision 14-9.05 would mandate contractors to be responsible for complying with all rules and regulations implemented by air districts.

3.5 Biological Resources

This section describes the regulatory and environmental setting for biological resources in the project area. In addition, this section describes the potential impacts related to biological resources that would result from implementation of the project.

Within this section, special-status species, nesting birds, raptor foraging activities, bats, and jurisdictional waters will be discussed. Special-status species include plants and wildlife species that are listed under the CDFW and the Federal Endangered Species Act (FESA), plant species designated by the California Native Plant Society (CNPS) with a California Rare Plant Rank or other plants of local concern, and wildlife that is designated as a California Species of Special Concern, as defined by CDFW.

3.5.1 Regulatory Setting

The following discussion provides a summary of federal, state, and local laws and regulations that pertain to sensitive and/or protected species, their habitats, and waterways within or near the project area.

Federal

Clean Water Act Section 404

The United States Army Corps of Engineers (USACE) Regulatory Program regulates activities within federal wetlands and waters of the U.S. pursuant to Section 404 of the Clean Water Act (CWA). In recent years, the definition of waters of the U.S. has been in flux. The U.S. EPA and the USACE issued a revised definition of waters of the U.S in January 2023. However, the U.S. Supreme Court ruled in *Sackett v. Environmental Protection Agency* on May 25, 2023, that only wetlands and permanent bodies of water with a "continuous surface connection" to "traditional interstate navigable waters" are covered by the CWA, thus revoking the "significant nexus" standard and invalidating portions of the January 2023 rule. To conform with the *Sackett* decision, the U.S. EPA and USACE issued a final revised rule on August 29, 2023, amending the January 2023 definition of waters of the U.S.

Under the August 2023 rule, waters of the U.S. include: 1) traditional navigable waters (i.e. waters that are subject to the ebb and flow of the tide and/or are presently used, have been used in the past, or may be susceptible for use for interstate or foreign commerce), the territorial seas, and interstate waters (collectively "qualifying waters"); 2) impoundments (e.g. reservoirs, retention ponds) of qualifying waters; 3) tributaries to qualifying waters that are relatively permanent, standing, or continuously flowing bodies of water; 4) wetlands with a continuous surface connection to qualifying waters; and 5) intrastate lakes and ponds that are relatively permanent, standing or continuously flowing bodies of water with a continuous surface connection to qualifying waters (CFR 33 Section 328.3 and 40 CFR 120.2).

In streams and rivers where adjacent wetlands are absent, the USACE jurisdiction extends to the ordinary high water mark (OHWM). The OHWM is defined as "the line on the shore established by the fluctuations of water and indicated by physical characteristics such as clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas." (33 CFR Section 328.3[c(3)]). If the OHWM is not readily distinguishable, the USACE jurisdiction within streams extends to the "bankfull discharge" elevation, which is the level at which water begins to leave the channel and move into the floodplain (Rosgen, 1996). This level is reached at a discharge which generally has a recurrence interval of approximately 1.5 to two years on the annual flood series (Leopold, 1994).

Federal wetlands are transitional areas between well-drained upland habitats and permanently flooded (deepwater) aquatic habitats and are defined differently by different resource agencies. The USACE and the U.S. EPA define wetlands as "those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions" {33 CFR Section 328.3[c(1)]}.

Clean Water Act Section 402

Activities within inland streams, wetlands, and riparian areas in California are regulated by agencies at the federal, state, and regional levels. The CWA establishes the basic structure for regulating discharges of pollutants into waters of the U.S. At the federal level, the U.S. EPA regulates construction-related stormwater discharges to surface waters through the National Pollutant Discharge Elimination System (NPDES) program, pursuant to Section 402 of the federal CWA. Section 402 of the CWA requires that all construction sites disturbing one acre or greater of land, as well as municipal, industrial and commercial facilities discharging wastewater or stormwater directly from a point source (a pipe, ditch or channel) into a surface water of the U.S. (a lake, river, and/or ocean) must obtain permission under the NPDES permit.

Migratory Bird Treaty Act

The Migratory Bird Treaty Act (MBTA) (50 CFR Part 10 and Part 21) protects migratory birds, their occupied nests, and their eggs from disturbance and/or destruction. “Migratory birds” under the MBTA include all bird species listed in 50 CFR Part 10.13, as updated in December 2013 (United States Fish and Wildlife Service, 2013). In accordance with the Migratory Bird Treaty Reform Act of 2004 the United States Fish and Wildlife Service (USFWS) included all species native to the U.S. (or U.S. territories) that are known to be present as a result of natural biological or ecological processes. In addition, the USFWS provided clarification that the MBTA does not apply to any nonnative species whose presence in the U.S. are solely the result of intentional or unintentional human-assisted introduction (United States Fish and Wildlife Service, 2018). Nonnative bird species not protected by the MBTA include, but are not limited to, the house sparrow (*Passer domesticus*), European starling (*Sturnus vulgaris*), and rock pigeon (*Columba livia*).

State

Porter-Cologne Water Quality Control Act

The RWQCB asserts authority over waters of the state under the Porter-Cologne Act, which establishes a regulatory program to protect water quality and to protect beneficial uses of state waters. The Porter-Cologne Act empowers the RWQCB to formulate and adopt a Water Quality Control Plan that designates beneficial uses and establishes such water quality objectives that in its judgment will ensure reasonable protection of beneficial uses. Each RWQCB establishes water quality objectives that will ensure the reasonable protection of beneficial uses and the prevention of water quality degradation. Dredge or fill activities with the potential to affect water quality in these waters must comply with Waste Discharge Requirements (WDR) issued by the RWQCB.

The term “waters of the state,” under jurisdiction of the RWQCB, is defined by California Water Code as “any surface water or groundwater, including saline waters, within the boundaries of the state” (California Water Code Section 13050(e)).

California Fish and Game Code

Under the California Fish and Game Code Section 1602, the limits of CDFW jurisdiction within streams and other drainages extends from the top of the stream bank to the top of the opposite

bank, to the outer drip line in areas containing riparian vegetation, and/or within the 100-year floodplain of a stream or river system containing fish or wildlife resources. Under Section 1602, a Streambed Alteration Agreement must be issued by the CDFW prior to the initiation of construction activities that may substantially divert or obstruct the natural flow of any river, stream, or lake; substantially change or use any material from the bed, channel, or bank, of any river, stream, or lake; or deposit debris, waste, or other materials that could pass into any river, stream, or lake under CDFW's jurisdiction.

Section 2126 of the California Fish and Game Code states that it is unlawful for any person to take any mammal that are identified within Section 2118, including all species of bats.

Sections 3503, 3513, and 3800 of the California Fish and Game Code prohibit the take of birds protected under the MBTA and protects their occupied nests. In addition, Section 3503.5 of the California Fish and Game Code prohibits the take of any birds in the order *Falconiformes* or *Strigiformes* (birds-of-prey) and protects their occupied nests. Pursuant to Section 3801 and 3800, the only species authorized for take without prior authorization from the CDFW are the house sparrow and European starling.

State-listed species and those petitioned for listing by the CDFW are fully protected under CESA. Under Section 2080.1 of the California Fish and Game Code, if a project would result in take of a species that is both federally and state listed, a consistency determination may be completed in lieu of undergoing a separate CESA consultation. Under Section 2081, if a project would result in take of a species that is state-only listed as threatened or endangered, then an incidental take permit from the CDFW is required.

Sections 3511, 4700, 5050, and 5515 of the California Fish and Game Code prohibit the take or possession of 37 fully protected bird, mammal, reptile, amphibian, and fish species. Each of the statutes states that no provision of this code or any other law shall be construed to authorize the issuance of permits or licenses to "take" the species, and states that no previously issued permit or licenses for take of the species "shall have any force or effect" for authorizing take or possession. The CDFW will not authorize incidental take of fully protected species when activities are proposed in areas inhabited by those species.

Local

Ventura County General Plan

The General Plan sets forth goals, policies, and programs that the County will implement to manage future growth and land uses within the County. The following biological resources goals and policies would apply to the project (Ventura County, 2020):

- ***Goals***
  - **COS-1**: To identify, preserve, protect, and restore sensitive biological resources, including federal and state-designated endangered, threatened, rare, or candidate species and their supporting habitats; wetland and riparian habitats; coastal habitats; habitat connectivity and wildlife corridors; and habitats and species identified as "locally important" by the County.

- ***Policy***
  - **COS-1.1**: The County shall ensure that discretionary development that could potentially impact sensitive biological resources be evaluated by a qualified biologist to assess impacts and, if necessary, develop mitigation measures that fully account for the impacted resource. When feasible, mitigation measures should adhere to the following priority: avoid impacts, minimize impacts, and compensate for impacts. If the impacts cannot be reduced to a less than significant level, findings of overriding considerations must be made by the decision-making body.
  - **COS-1.4**: When considering proposed discretionary development, County decision-makers shall consider the development's potential project-specific and cumulative impacts on the movement of wildlife at a range of spatial scales including local scales (e.g., hundreds of feet) and regional scales (e.g., tens of miles).
  - **COS-1.9**: The County shall consult with CDFW, the RWQCB, the USFWS, National Audubon Society, California Native Plant Society, National Park Service for development in the Santa Monica Mountains or Oak Park Area, and other resource management agencies, as applicable during the review of discretionary development applications to ensure that impacts on biological resources, including rare, threatened, or endangered species, are avoided or minimized.

3.5.2 Environmental Setting

This section describes the environmental setting, or conditions related to biological resources and jurisdictional areas in the project area. This information is intended to assist in the evaluation and conclusions of the impact analysis provided below and in the formation of BMPs. The information in this section is based on the *Biological Resources Assessment* (BRA) prepared for the project (see **Appendix D**) (GPA Consulting, 2023).

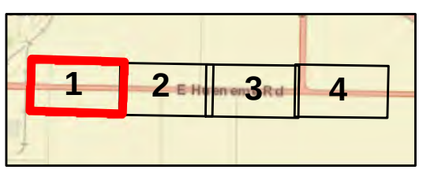
Biological Study Area

The biological study area (BSA) includes areas that could be directly or indirectly impacted by the project, either temporarily or permanently. The BSA comprises approximately 210.5 acres and an approximately 300-foot buffer around the project footprint. The BSA begins west of the Hueneme Road/Edison Drive intersection and extends east to just east of the Hueneme Road/Nauman Road intersection. (see **Figure 3.5.1**).

Literature Review

A literature, database, and aerial imagery review was conducted to determine if special-status biological resources were present or potentially present in or near the BSA. The following sources were used:

- CDFW's California Natural Diversity Database Search (CNDDB) for the Oxnard, Point Mugu, Camarillo, Santa Paula, Saticoy, and Ventura 7.5-minute series topographic quadrangles (California Department of Fish and Wildlife, 2023a);



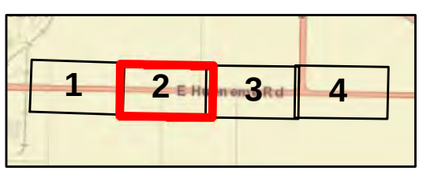
Biological Study Area

Area of Direct Impacts

N

0 50 100 200 Feet

FIGURE 3.5-1. BIOLOGICAL STUDY AREA
Hueneme Road Widening Project
Ventura County
Sheet 1 of 4



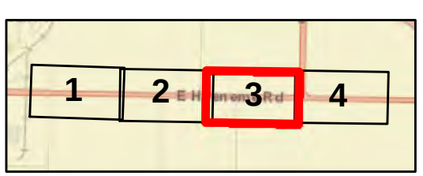
Biological Study Area

Area of Direct Impacts

N

0 50 100 200 Feet

FIGURE 3.5-1. BIOLOGICAL STUDY AREA
Hueneme Road Widening Project
Ventura County
Sheet 2 of 4



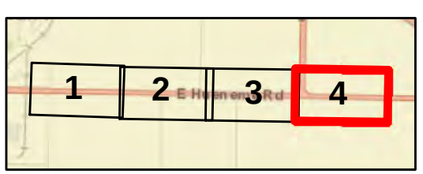
Biological Study Area

Area of Direct Impacts

N

0 50 100 200 Feet

FIGURE 3.5-1. BIOLOGICAL STUDY AREA
Hueneme Road Widening Project
Ventura County
Sheet 3 of 4



Biological Study Area

Area of Direct Impacts

N

0 50 100 200 Feet

FIGURE 3.5-1. BIOLOGICAL STUDY AREA
Hueneme Road Widening Project
Ventura County
Sheet 4 of 4

- CNPS Online Inventory of Rare and Endangered Plants for the Oxnard, Point Mugu, Camarillo, Santa Paula, Saticoy, and Ventura 7.5-minute series topographic quadrangles (California Native Plant Society, 2023a);
- CDFW Biogeographic Information and Observation System (BIOS) Habitat Connectivity Viewer (California Department of Fish and Wildlife, 2023b);
- Natural Resources Conservation Service (NRCS) Web Soils Survey for Ventura Area, California (United States Department of Agriculture Natural Resources Conservation Service, 2023);
- USFWS Information for Planning and Conservation (IPaC) Database (United States Fish and Wildlife Service, 2023a);
- USFWS Critical Habitat online mapper (United States Fish and Wildlife, 2023a);
- USFWS National Wetlands Inventory Mapper (United States Fish and Wildlife Service, 2023c).; and
- NMFS for the Oxnard and Camarillo 7.5-minute series topographic quadrangles (National Oceanic and Atmospheric Administration, 2023).

Field Survey

A field survey of the BSA was conducted on May 3, 4, and 5, 2023 by qualified biologists. The purpose of these surveys was to perform a general biological assessment of the BSA, map vegetation communities and land cover classes, investigate waterways and drainage features in the BSA, and inventory vegetation communities, plant, and wildlife species in the BSA. Vegetation communities observed in the BSA were classified according to the CNPS Manual of California Vegetation (California Native Plant Society, 2023). Vertebrate wildlife species were identified by direct observation, vocalization, or sign (e.g. tracks, scat, burrows). Existing drainages and other aquatic features were qualitatively assessed and delineated.

Hydrology

Eleven drainage features and one freshwater marsh (cattail marsh) were observed within the BSA. Based on survey results, there are 11 drainages and one Cattail Marsh that may be under the jurisdiction of the RWQCB, and/or the CDFW. The drainages within the BSA convey flow to one of four culverts, which later direct flow into Mugu Drain. The cattail marsh receives runoff from nearby agricultural fields and does not appear to convey flow.

Vegetation and Cover Classes

Vegetation within the BSA includes a mix of native and non-native species. Six vegetation communities and one cover class were identified within the BSA (see **Figure 3.5-2**). Vegetation communities observed within the BSA were classified according to the CNPS Manual of California Vegetation and the National Vegetation Classification System, and include Cattail Marshes, Woody Agricultural Vegetation, Herbaceous Horticultural Crop, Row and Close Grain Crop, Tropical and Temperate Fruit Orchard, and Herbaceous and Woody Developed Vegetation

(California Native Plant Society, 2023; Federal Geographic Data Committee, Vegetation Subcommittee, 2023). One cover class, Developed, was observed in the BSA.

Wildlife Populations

Trees within the BSA could provide nesting habitat for migratory birds and roosting habitat for bats. Additionally, the cattail marsh near 1531 East Hueneme Road could provide habitat for invertebrates and foraging habitat for birds and other wildlife. Wildlife species observed during the biological surveys include American crow (*Corvus brachyrhynchos*), European starling (*Sturnus vulgaris*), barn swallow (*Hirundo rustica*), cliff swallow (*Petrochelidon pyrrhonota*), Anna's hummingbird (*Calypte anna*), lark sparrow (*Chondestes grammacus*), Lincoln's sparrow (*Melospiza lincolnii*), mourning dove (*Zenaida macroura*), mallard (*Anas platyrhynchos*), northern rough-winged swallow (*Stelgidopteryx serripennis*), Brewer's blackbird (*Euphagus cyanocephalus*), and brown-headed cowbird (*Molothrus ater*).

Regional Connectivity/Wildlife Movement Corridors

According to CDFW's Areas of Conservation Emphasis - Terrestrial Connectivity dataset, the BSA is located entirely within an area with limited connectivity opportunity (California Department of Fish and Wildlife, 2019). The agricultural land on the south side of Hueneme Road appears as though it could be used by wildlife to access the waterfront, however, in actuality access is blocked by the fences surrounding Naval Air Station Point Mugu and the Ormond Beach Generating Station. The agricultural land on the north side of Hueneme Road ultimately leads to wildlife movement barriers in the form of Tierra Vista neighborhood and Pacific Coast Highway. Thus, the BSA and the land surrounding the BSA does not function as a wildlife movement corridor nor as a hub of regional connectivity.

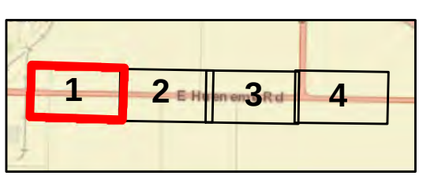
Existing Conditions

Vegetation/Land Use Types

The project area is surrounded by agriculture, industrial, commercial and services, transportation, communications and utilities, and single-family residential land uses (see **Figure 2.1-3**). The vegetation within the BSA is mostly comprised of agricultural and herbaceous and woody vegetation types (see **Figure 3.5-2**).

Plants

During the field survey(s), non-native species were observed in and around the project area in disturbed areas, including ice plant, celery, mulefat, cattail and other agricultural and herbaceous plants and grasses. There are no natural vegetation communities in the project area.



Biological Study Area

Cover Classes

- Bare Ground
- Developed

Vegetation Communities

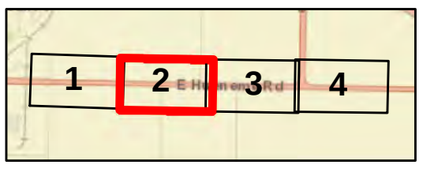
- Row and Close Grain Crop
- Herbaceous Horticultural Crop
- Herbaceous and Woody Developed Vegetation
- Cattail Marsh

Trees

- Cottonwood
- Coral tree
- Mexican fan palm
- New Zealand Christmas tree
- Queen palm

FIGURE 3.5-2. VEGETATION COMMUNITIES AND COVER CLASSES
Hueneme Road Widening Project
Ventura County

Sheet 1 of 4



Biological Study Area

Cover Classes

Developed

Vegetation Communities

Row and Close Grain Crop

Tropical and Temperate Fruit Orchard

Woody Agricultural Vegetation

Trees

Cottonwood

Coral tree

Mexican fan palm

New Zealand Christmas tree

Queen palm

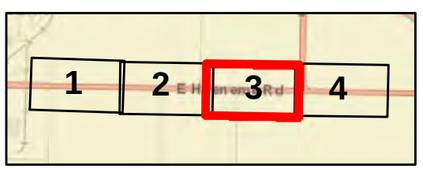
FIGURE 3.5-2. VEGETATION COMMUNITIES AND COVER CLASSES
Hueneme Road Widening Project
Ventura County
Sheet 2 of 4

HUENEME ROAD

CASPER ROAD

0 50 100 200 Feet

N



Biological Study Area

Cover Classes

Developed

Vegetation Communities

Row and Close Grain Crop

Tropical and Temperate Fruit Orchard

Woody Agricultural Vegetation

Trees

Cottonwood

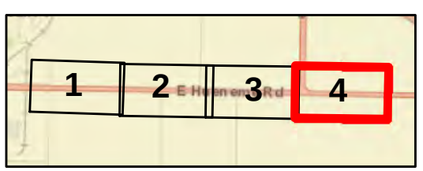
Coral tree

Mexican fan palm

New Zealand Christmas tree

Queen palm

FIGURE 3.5-2. VEGETATION COMMUNITIES AND COVER CLASSES
Hueneme Road Widening Project
Ventura County
Sheet 3 of 4



Biological Study Area

Cover Classes

Developed

Vegetation Communities

Row and Close Grain Crop

Herbaceous and Woody Developed Vegetation

Trees

Cottonwood

Coral tree

Mexican fan palm

New Zealand Christmas tree

Queen palm

FIGURE 3.5-2. VEGETATION COMMUNITIES AND COVER CLASSES
Hueneme Road Widening Project
Ventura County
Sheet 4 of 4

State Jurisdictional Aquatic Resources

Based on survey results, the 11 drainages within the BSA are anticipated to fall under the jurisdiction of RWQCB and/or CDFW. There are no waters under federal jurisdiction within the project area. The jurisdiction of the RWQCB includes 0.46 acre of non-wetland waters in the BSA (see **Figure 3.5-3**). The cattail marsh is not anticipated to fall under the jurisdiction of RWQCB. Approximately 1.54 acres of waters within the BSA are anticipated to fall under the jurisdiction of the CDFW; including the cattail marsh and all 11 drainages (see **Figure 3.5-4**). There are no existing wetlands in the project area.

Special Status Plants and Sensitive Vegetation Communities

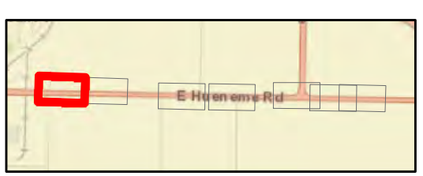
A total of 23 special-status plant species were evaluated for their potential to be in the BSA. Survey results, range, and habitat information were used to determine the likelihood for these species to be in the BSA. Special-status plant species were not observed, and based on habitat requirements, special-status plant species are not anticipated to be in the BSA. In addition, there are no USFWS-designated critical habitats found in the BSA. According to the CNDDB search, five sensitive vegetation communities have the potential to be in the BSA. These sensitive vegetation communities include California Walnut Woodland, Coastal and Valley Freshwater Marsh, Southern Coastal Salt Marsh, Southern Riparian Scrub, and Valley Needlegrass Grassland. Of these five, one special-status community was observed in the BSA: Coastal and Valley Freshwater Marsh (Holland, 1986). Coastal and Valley Freshwater Marsh communities, as described in Holland, are equivalent to the Cattail Marsh community.

Special-Status Wildlife

A total of 49 special-status wildlife species were evaluated for their potential to be in the BSA. Based on habitat requirements, nine of those species have the potential to be in the BSA, including American bumble bee (*Bombus pensylvanicus*), California legless lizard (*Anniellas* spp.), burrowing owl (*Athene cunicularia*), tricolored blackbird (*Agelaius tricolor*), white-tailed kite (*Elanus leucurus*), California horned lark (*Eremophila alpestris actia*), American peregrine falcon (*Falco peregrinus anatum*), pallid bat (*Antrozous pallidus*), and western mastiff bat (*Eumops perotis californicus*). Survey results, range, and habitat information were used to determine the likelihood for these species to be in the BSA. Because the entire BSA lacks suitable habitat, is disturbed, and is surrounded by industrial, commercial, and residential land uses, most of these wildlife species are not anticipated to be in the BSA.

Bats

Two bat species, pallid bat and western mastiff bat, have the potential to be in the BSA based on habitat requirements. However, these species were not observed during the biological field surveys. Pallid bat are known to roost in hollow trees and buildings, and night roost in more open sites such as porches or open buildings. Western mastiff bats are known to roost in large trees. Large trees are located along the shoulder of Hueneme Road that may provide suitable roosting habitat.



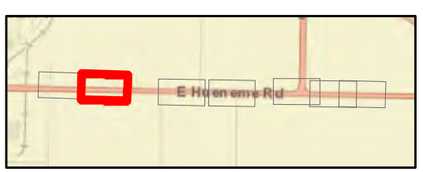
0 50 100 Feet

N

Biological Study Area

Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)

FIGURE 3.5-3. REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County
Sheet 1 of 7



0 50 100 Feet

N

Biological Study Area

Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)

FIGURE 3.5-3. REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 2 of 7

Drainage 9

Drainage 9

HUENEME ROAD

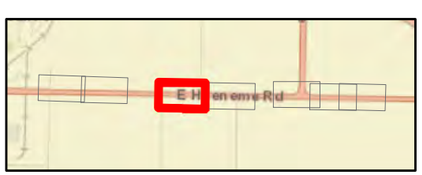
OLDS ROAD

Drainage 8

Drainage 1

ARNOLD ROAD

Drainage 2



0 50 100 Feet

N

Biological Study Area

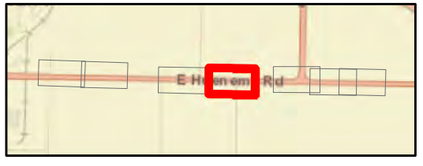
Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)

FIGURE 3.5-3. REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County
Sheet 3 of 7

Drainage 7

HUENEME ROAD

CASPER ROAD



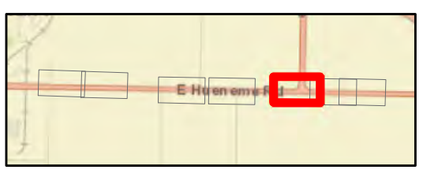
0 50 100 Feet

N

Biological Study Area

Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)

FIGURE 3.5-3. REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County
Sheet 4 of 7



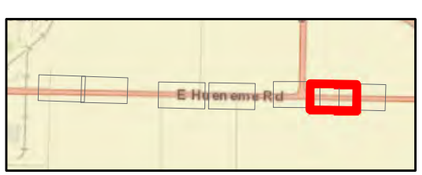
0 50 100 Feet

N

Biological Study Area

Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)

FIGURE 3.5-3. REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County
Sheet 5 of 7



0 50 100 Feet

N

Biological Study Area

Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)

FIGURE 3.5-3. REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County
Sheet 6 of 7

Drainage 3

Drainage 4

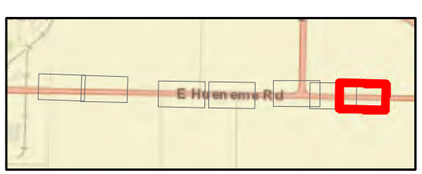
Drainage 4

Drainage 4

HUENEME ROAD

Drainage 3

Drainage 3



0 50 100 Feet

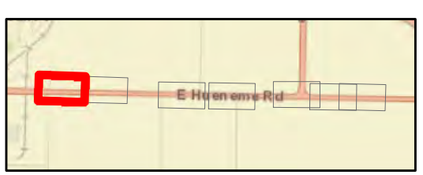
N

Biological Study Area

Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)

FIGURE 3.5-3. REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 7 of 7



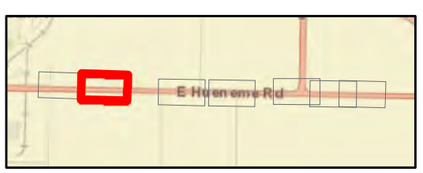
0 50 100 Feet

N

Biological Study Area

Potential CDFW Jurisdiction (1.54 acres)

FIGURE 3.5-4. CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County
Sheet 1 of 7



0 50 100 Feet

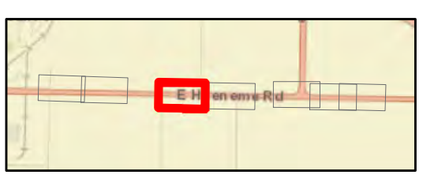
N

Biological Study Area

Potential CDFW Jurisdiction (1.54 acres)

FIGURE 3.5-4. CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 2 of 7



0 50 100 Feet

N

Biological Study Area

Potential CDFW Jurisdiction (1.54 acres)

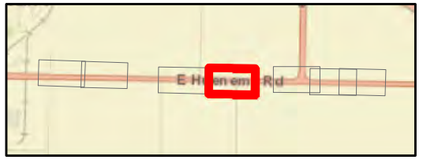
FIGURE 3.5-4. CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 3 of 7

Drainage 7

HUENEME ROAD

CASPER ROAD



0 50 100 Feet

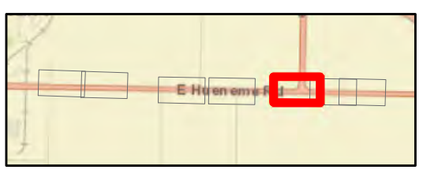
N

Biological Study Area

Potential CDFW Jurisdiction (1.54 acres)

FIGURE 3.5-4. CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 4 of 7



0 50 100 Feet

N

Biological Study Area

Potential CDFW Jurisdiction (1.54 acres)

FIGURE 3.5-4. CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 5 of 7

0 50 100 Feet

N

Biological Study Area

Potential CDFW Jurisdiction (1.54 acres)

FIGURE 3.5-4. CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 6 of 7

Drainage 3

Drainage 4

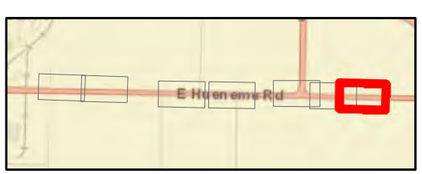
Drainage 4

Drainage 4

HUENEME ROAD

Drainage 3

Drainage 3



0 50 100 Feet

N

Biological Study Area

Potential CDFW Jurisdiction (1.54 acres)

FIGURE 3.5-4. CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 7 of 7

Birds

Nesting Birds

The BSA contains suitable nesting habitat in the BSA for bird species that frequently nest in and on structures, trees, or other vegetation in developed areas, and are tolerant of disturbance. Several bird species, including American crow, European starling, barn swallow, cliff swallow, Anna's hummingbird, lark sparrow, Lincoln's sparrow, mourning dove, mallard, northern rough-winged swallow, Brewer's blackbird, and brown-headed cowbird were observed in the BSA.

Raptor Foraging Activities

The BSA was evaluated for its potential to support raptor foraging activities. Raptors could nest in the project area, however, foraging habitat within the BSA is low quality due to intensive agricultural practices. The BSA provides limited foraging opportunities for raptor species that are habituated to agricultural areas.

Wildlife Corridors

According to CDFW's Areas of Conservation Emphasis - Terrestrial Connectivity dataset, the BSA is located entirely in an area with limited connectivity opportunity (California Department of Fish and Wildlife, 2019). The agricultural land on the south side of Hueneme Road appears as though it could be used by wildlife to access the waterfront, however, access is blocked by the fences surrounding Naval Air Station Point Mugu and the Ormond Beach Generating Station. The agricultural land on the north side of Hueneme Road leads to wildlife movement barriers in the form of Tierra Vista neighborhood and Pacific Coast Highway. However, the BSA may be used for local foraging and movement by local wildlife species from the surrounding areas.

3.5.3 Thresholds of Significance

The following thresholds are used to determine whether the project would result in a significant impact pursuant to CEQA. These thresholds of significance are based in general on Appendix G of the CEQA Guidelines. A biological resources impact is considered significant if the project would:

(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 CDFW or the USFWS.

(b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or by the CDFW or USFWS.

(c) Have a substantial adverse effect on state or federally protected wetlands (including but not limited to marshes, vernal pools, and coastal areas) or any State-protected jurisdictional areas not subject to regulation under Section 404 of the CWA through direct removal, filling, hydrological interruption, or other means.

(d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors or impede the use of native wildlife nursery sites.

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

(f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.

3.5.4 Environmental Impacts

(a) Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the CDFW or USFWS?

Less than Significant Impact. No special-status plants were observed in the BSA during field surveys. Ground-disturbing activities, vegetation/tree removal and trimming, staging, and pedestrian and vehicle movement, could result in disturbance, injury, or mortality, reduction of nesting and foraging habitat for American bumble bee, legless lizards, and bats. Noise and vibration could also result in disturbance to foraging patterns and habitat for these species. These impacts would be reduced through implementation of avoidance and minimization measures **BIO-17** through **BIO-19**. Indirect impacts on bats may include roost abandonment resulting from increased construction noise and vibration. Implementation of avoidance and minimization measures **BIO-20** through **BIO-27** would reduce potential impacts.

The project would include removal of approximately 329 non-native trees at the southern shoulder of Hueneme Road, east of Olds Road and west of Casper Road; the northern shoulder of Hueneme Road at 2599 Hueneme Road; and the northern shoulder of Hueneme Road near 3121 Hueneme Road. These trees are not protected under County or state regulations. Tree and vegetation removal and/or trimming could result in disturbance, injury, or mortality on nesting and/or foraging migratory birds and raptors and reduce the available nesting habitat. Noise and vibration could also result in disturbance and nest abandonment. These impacts would be reduced through implementation of avoidance and minimization measures **BIO-28** through **BIO-31**. Avoidance and minimization measures **BIO-9** through **BIO-15** would further reduce impacts related to construction. Therefore, the project would result in a less than significant impact on special-status vegetation communities, plants, or wildlife during construction, and no mitigation is required.

During operation, lighting, noise, human activity, and maintenance activities associated with the widened roadway would not be substantially different from existing conditions. Therefore, the project would result in no impact on special-status vegetation communities, plants, or wildlife during operation, and no mitigation is required.

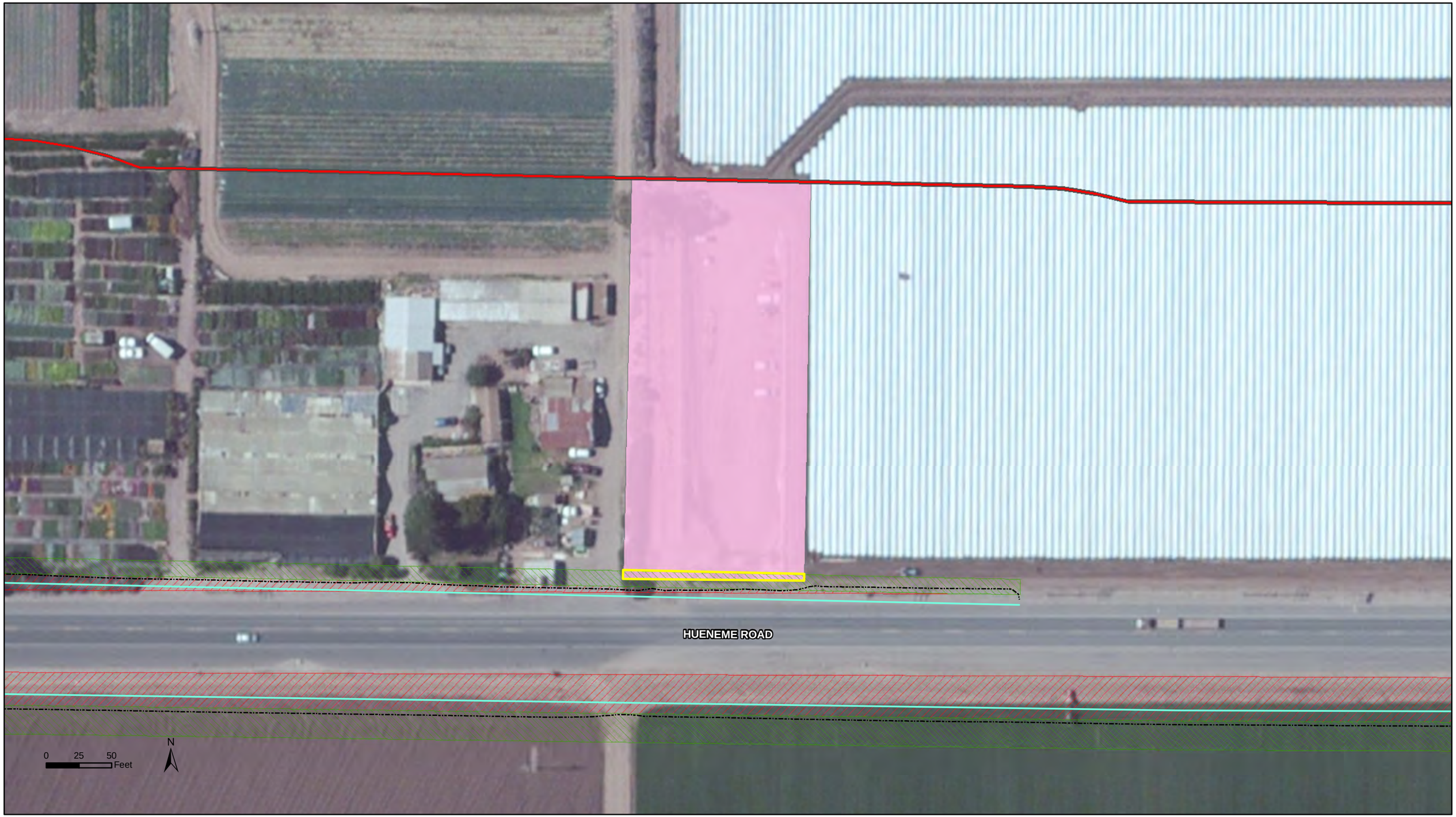
(b) ***Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or by the CDFW or USFWS?***

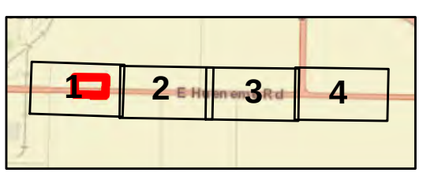
Less than Significant Impact. The Cattail Marsh community is within the BSA. Project activities, including culvert extension, culvert relocation, irrigation facility relocation, grading, paving, staging, and construction access would result in approximately 0.02 acre of temporary impacts on this community (see **Figure 3.5-5**), which overlaps with impacts on potential CDFW jurisdiction. Additionally, construction activities could result in the production of dust, which could travel onto adjacent areas and result in indirect impacts on special-status natural communities. However, with implementation of measures **BIO-7** and **BIO-8**, the project would result in a less than significant impact related to riparian habitat or other sensitive natural communities, and no mitigation is required. During operation of the project, Hueneme Road would not operate substantially differently than the existing condition. Multi-modal transportation would be restricted to the designated roadway corridor. Therefore, the project would result in a less than significant impact on riparian habitat or other sensitive communities, and no mitigation is required.

(c) Would the project have a substantial adverse effect on state or federal protected wetlands including but not limited to marshes, vernal pools, and coastal areas) or any State-protected jurisdictional areas not subject to regulation under Section 404 of the CWA through direct removal, filling, hydrological interruption, or other means?

Construction Impacts

Less than Significant Impact. Based on survey results, there are 11 drainages that may be under jurisdiction of the RWQCB, and/or CDFW. In addition, there is one cattail marsh within the BSA that would fall under the jurisdiction of CDFW. The project would require relocation of two drainages, drainage pipe and drainage inlet relocation, and culvert extensions and relocation, which would result in direct impacts on these features. Construction materials, dust, and/or debris could also enter into flowing waters and temporarily impact water quality, resulting in indirect impacts. Based on conclusions in the BRA, the project would result in temporary impacts on approximately 0.16 acre of non-wetland waters potentially under RWQCB jurisdiction and approximately 0.64 acre potentially under CDFW jurisdiction (see **Figure 3.5-6** and **Figure 3.5-7**). However, with implementation of measures **BIO-1** through **BIO-6**, the project would result in a less than significant impact on state or federally jurisdictional areas, and no mitigation is required.





Biological Study Area
Cattail Marsh
Potential Impacts on Cattail Marsh (0.02 acre)
Edge of Pavement
Grading Limits
Drainage Improvements
Proposed ROW
Proposed TCE

FIGURE 3.5-5. POTENTIAL IMPACTS ON SPECIAL-STATUS NATURAL COMMUNITIES
Hueneme Road Widening Project
Ventura County

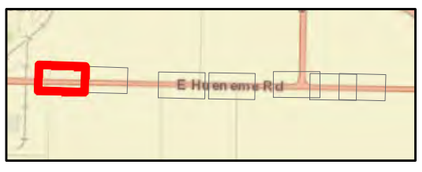
EDISON DRIVE

E HUENEME ROAD

HUENEME ROAD

Drainage 11

Drainage 11



0 50 100 Feet

N

- Biological Study Area
- Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)
- Permanent Impacts on Potential Regional Water Quality Control Board Jurisdiction (<0.01 acre non-wetland waters)
- Temporary Impacts on Potential Regional Water Quality Control Board Jurisdiction (0.16 acre non-wetland waters)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 3.5-6. IMPACTS ON POTENTIAL REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 1 of 7

0 50 100 Feet

N

- Biological Study Area
- Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)
- Permanent Impacts on Potential Regional Water Quality Control Board Jurisdiction (<0.01 acre non-wetland waters)
- Temporary Impacts on Potential Regional Water Quality Control Board Jurisdiction (0.16 acre non-wetland waters)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 3.5-6. IMPACTS ON POTENTIAL REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 2 of 7

0 50 100 Feet

N

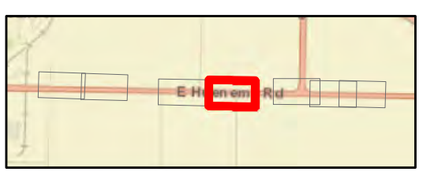
- Biological Study Area
- Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)
- Permanent Impacts on Potential Regional Water Quality Control Board Jurisdiction (<0.01 acre non-wetland waters)
- Temporary Impacts on Potential Regional Water Quality Control Board Jurisdiction (0.16 acre non-wetland waters)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 3.5-6. IMPACTS ON POTENTIAL REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County
Sheet 3 of 7

Drainage 7

HUENEME ROAD

CASPER ROAD

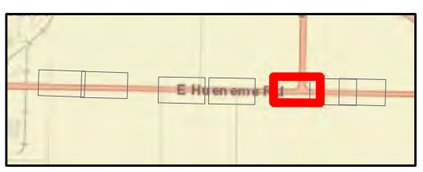


0 50 100 Feet

N

- Biological Study Area
- Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)
- Permanent Impacts on Potential Regional Water Quality Control Board Jurisdiction (<0.01 acre non-wetland waters)
- Temporary Impacts on Potential Regional Water Quality Control Board Jurisdiction (0.16 acre non-wetland waters)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 3.5-6. IMPACTS ON POTENTIAL REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County



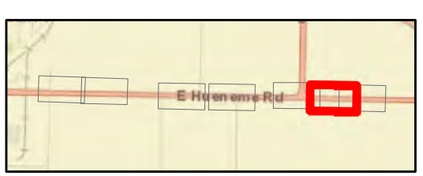
0 50 100 Feet

N

- Biological Study Area
- Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)
- Permanent Impacts on Potential Regional Water Quality Control Board Jurisdiction (<0.01 acre non-wetland waters)
- Temporary Impacts on Potential Regional Water Quality Control Board Jurisdiction (0.16 acre non-wetland waters)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 3.5-6. IMPACTS ON POTENTIAL REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 5 of 7



0 50 100 Feet

N

- Biological Study Area
- Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)
- Permanent Impacts on Potential Regional Water Quality Control Board Jurisdiction (<0.01 acre non-wetland waters)
- Temporary Impacts on Potential Regional Water Quality Control Board Jurisdiction (0.16 acre non-wetland waters)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 3.5-6. IMPACTS ON POTENTIAL REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 6 of 7

Drainage 3

Drainage 4

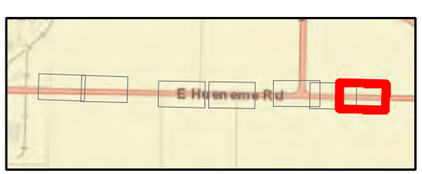
Drainage 4

Drainage 4

HUENEME ROAD

Drainage 3

Drainage 3



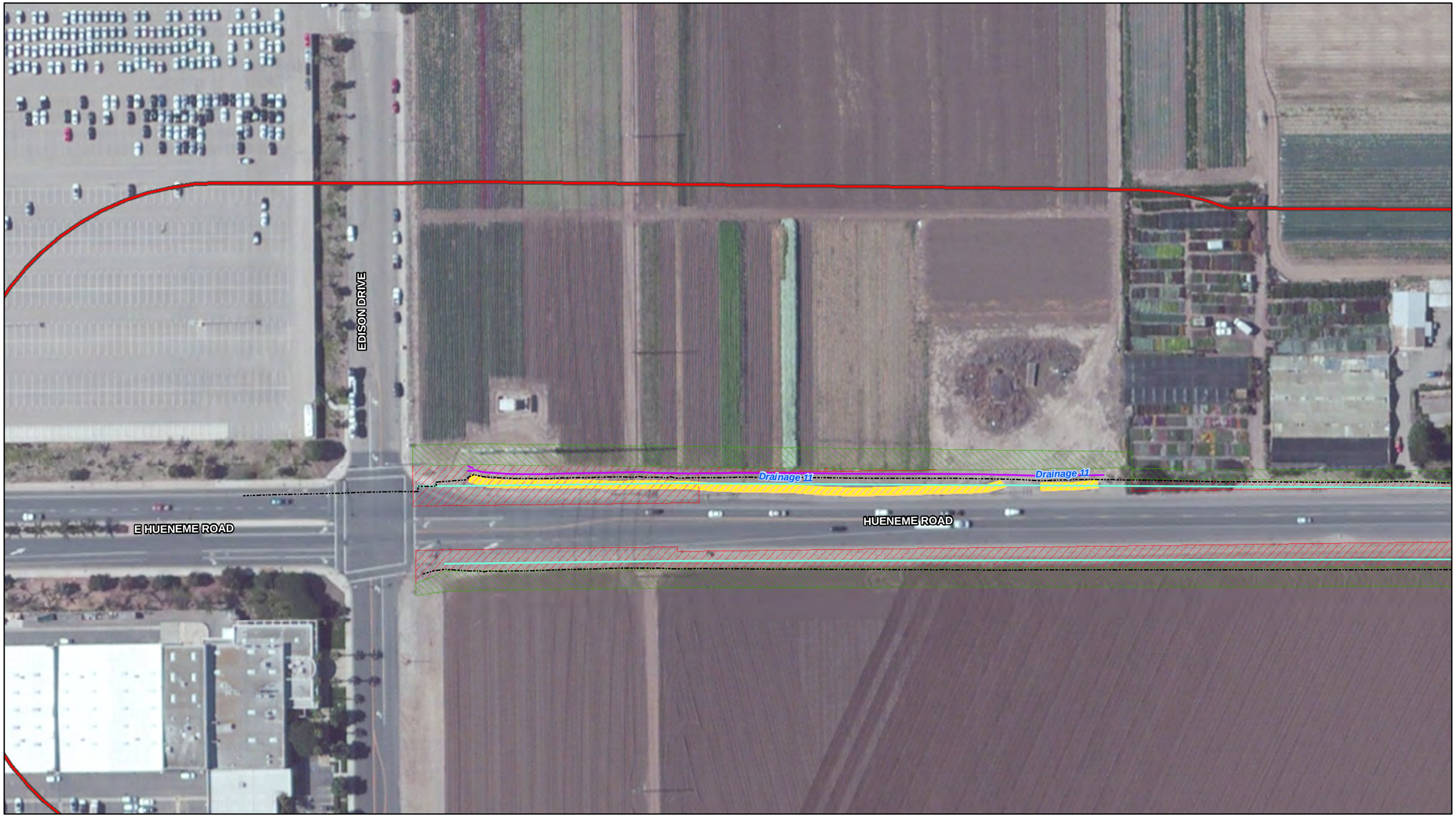
0 50 100 Feet

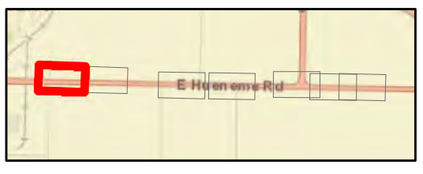
N

- Biological Study Area
- Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)
- Permanent Impacts on Potential Regional Water Quality Control Board Jurisdiction (<0.01 acre non-wetland waters)
- Temporary Impacts on Potential Regional Water Quality Control Board Jurisdiction (0.16 acre non-wetland waters)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 3.5-6. IMPACTS ON POTENTIAL REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 7 of 7





0 50 100 Feet

N

Biological Study Area
Potential CDFW Jurisdiction (2.00 acres)
Permanent Impacts on Potential CDFW Jurisdiction (0.02 acre)
Temporary Impacts on Potential CDFW Jurisdiction (0.64 acre)

Edge of Pavement
Grading Limits
Drainage Improvements
Proposed ROW
Proposed TCE

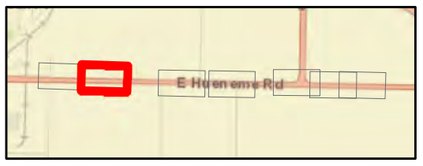
FIGURE 3.5-7. IMPACTS ON POTENTIAL CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 1 of 7

Cattail Marsh

Drainage 10

HUENEME ROAD



0 50 100 Feet

N

- Biological Study Area
- Potential CDFW Jurisdiction (2.00 acres)
- Permanent Impacts on Potential CDFW Jurisdiction (0.02 acre)
- Temporary Impacts on Potential CDFW Jurisdiction (0.64 acre)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 3.5-7. IMPACTS ON POTENTIAL CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 2 of 7

0 50 100 Feet

N

- Biological Study Area
- Potential CDFW Jurisdiction (2.00 acres)
- Permanent Impacts on Potential CDFW Jurisdiction (0.02 acre)
- Temporary Impacts on Potential CDFW Jurisdiction (0.64 acre)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

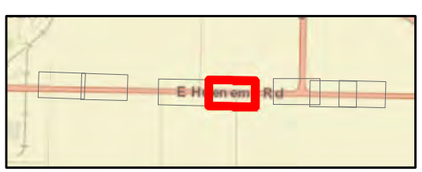
FIGURE 3.5-7. IMPACTS ON POTENTIAL CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 3 of 7

Drainage 7

HUENEME ROAD

CASPER ROAD



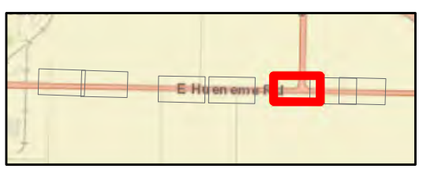
0 50 100 Feet

N

- Biological Study Area
- Potential CDFW Jurisdiction (2.00 acres)
- Permanent Impacts on Potential CDFW Jurisdiction (0.02 acre)
- Temporary Impacts on Potential CDFW Jurisdiction (0.64 acre)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 3.5-7. IMPACTS ON POTENTIAL CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 4 of 7



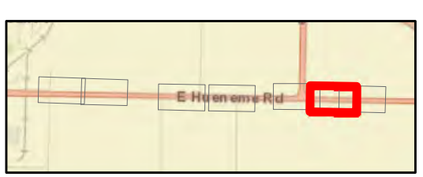
0 50 100 Feet

N

- Biological Study Area
- Potential CDFW Jurisdiction (2.00 acres)
- Permanent Impacts on Potential CDFW Jurisdiction (0.02 acre)
- Temporary Impacts on Potential CDFW Jurisdiction (0.64 acre)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 3.5-7. IMPACTS ON POTENTIAL CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 5 of 7



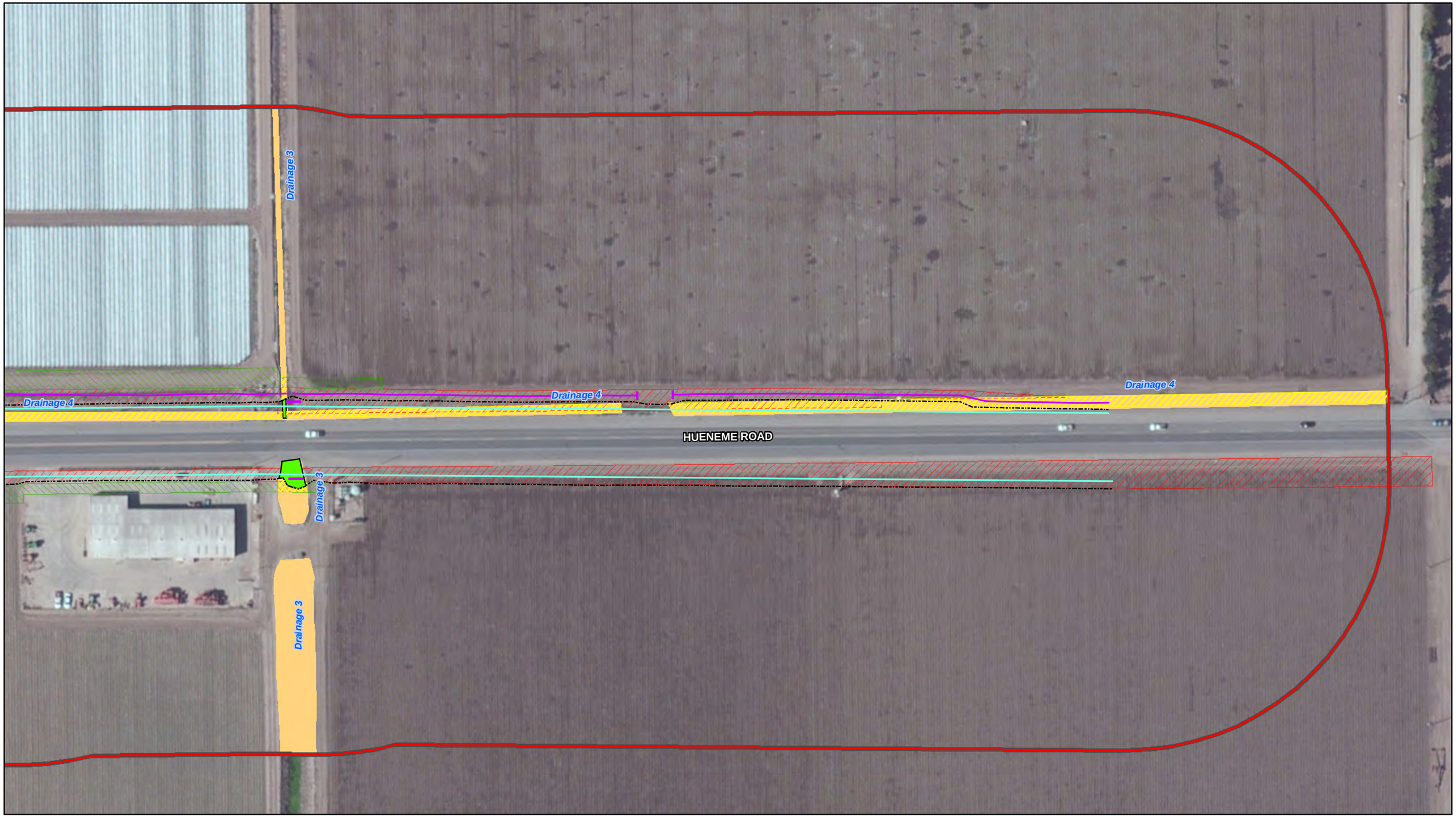
0 50 100 Feet

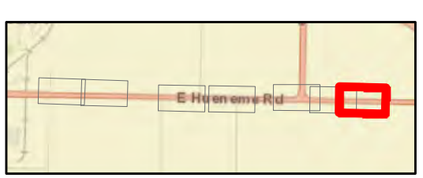
N

- Biological Study Area
- Potential CDFW Jurisdiction (2.00 acres)
- Permanent Impacts on Potential CDFW Jurisdiction (0.02 acre)
- Temporary Impacts on Potential CDFW Jurisdiction (0.64 acre)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 3.5-7. IMPACTS ON POTENTIAL CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 6 of 7





0 50 100 Feet

N

- Biological Study Area
- Potential CDFW Jurisdiction (2.00 acres)
- Permanent Impacts on Potential CDFW Jurisdiction (0.02 acre)
- Temporary Impacts on Potential CDFW Jurisdiction (0.64 acre)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 3.5-7. IMPACTS ON POTENTIAL CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 7 of 7

Operational Impacts

Less than Significant Impact. There are no wetlands in the project area; therefore, there would be no operational impacts on wetlands. The project would require relocation of two drainages, drainage pipe and drainage inlet relocation, and culvert extensions and relocation, which would result in direct impacts on these features. Relocation of irrigation and water facilities would result in permanent impacts on approximately less than 0.01 acre of non-wetland waters potentially under RWQCB jurisdiction and approximately 0.02 acre potentially under CDFW jurisdiction. With implementation of measure **BIO-6**, impacts on jurisdictional features would be minimized. Therefore, the project would result in a less than significant impact on jurisdictional resources, and no mitigation is required.

(d) Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

No Impact. Neither the project area nor the land surrounding the project area currently function as wildlife movement corridors or as regional connectivity hubs (GPA Consulting, 2023). Therefore, the project would result in no impact on wildlife movement corridors or regional connectivity hubs and mitigation is not required.

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

No Impact. To accommodate the roadway widening, the project would include removal of approximately 329 non-native trees at the southern shoulder of Hueneme Road, east of Olds Road and west of Casper Road; the northern shoulder of Hueneme Road at 2599 Hueneme Road; and the northern shoulder of Hueneme Road near 3121 Hueneme Road. None of the trees that would be impacted are protected under County regulations, and significant impacts are not expected. In addition, the project area is not within the California Coastal Zone; therefore, the trees are under the County's Non-Coastal Zoning Ordinance. The trees removed as part of this project would not fall under the regulations of that ordinance. In addition, the operation of the project would be similar to the existing conditions. Therefore, the project would result in no impact on local policies or ordinances, and mitigation is not required.

(f) Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved, local, regional, or state habitat conservation plan?

No Impact. No habitat conservation plans or natural community conservation plans apply to the project area. The nearest Natural Community Conservation Plan/Habitat Conservation Plan (HCP) is the City of Rancho Palos Verdes NCP/HCP, located approximately 51 miles southeast of the project area. Therefore, the project would result in no impact on any local, regional, or state habitat conservation plans, and mitigation is not required.

3.5.5 Avoidance and Minimization Measures

BIO-1 Work areas would be reduced to the maximum extent feasible, and staging areas would be located a minimum of 25 feet from jurisdictional features.

BIO-2 Prior to the initiation of any work, including installation of Environmentally Sensitive Area (ESA) fencing or clearing and grubbing activities, a qualified biologist would conduct environmental worker awareness training for all project personnel. The training would include a summary of sensitive habitats and special-status species with the potential to be within the construction area, required avoidance and minimization measures, and permitting conditions associated with biological resources.

BIO-3 Best Management Practices (BMPs), such as silt fencing, fiber rolls, straw bales, or other measures would be implemented during construction to minimize dust, dirt, and construction debris from entering the drainages and/or leaving the construction area. Silt fencing would be placed along the boundary of the work area and between the temporary impact area and the drainages, and in other areas as appropriate to minimize impacts on the drainages.

BIO-4 Appropriate hazardous material Best Management Practices (BMPs) would be implemented to reduce the potential for chemical spills or contaminant releases into the drainages including any non-stormwater discharge.

BIO-5 All equipment refueling and maintenance would be conducted at least 100 feet away from jurisdictional features. In addition, construction vehicles and equipment would be checked daily for fluid and fuel leaks, and drip pans would be placed under all equipment that is parked and not in operation. Any leaking vehicle or equipment would not be operated in the project area until repaired. All workers would be informed of the importance of preventing spills and the appropriate measures to take should a spill happen.

BIO-6 Any temporary erosion control implemented during construction would be completed using non- invasive species. At project completion, all temporarily disturbed areas would be recontoured to pre-construction conditions.

BIO-7 Pesticides, herbicides, and/or rodenticides would not be used as part of the project.

BIO-8 Prior to construction near the Coastal and Valley Freshwater Marsh (cattail marsh), high visibility Environmentally Sensitive Area (ESA) protective fencing or flagging would be installed at the limits of construction to protect adjacent resources.

BIO-9 Vegetation removal and excavation would be reduced to the extent feasible.

BIO-10 Pre-construction wildlife surveys would be conducted within 48 hours prior to start of construction by a qualified biologist.

BIO-11 No pets would be allowed in the construction area, to avoid and minimize the potential for harassment, injury, and death of wildlife.

BIO-12 Nighttime construction would only be authorized on a case-by-case basis in coordination with a qualified biologist.

BIO-13 If special-status species are found in the construction areas, work would be suspended until appropriate measures are developed and implemented under the direction of a qualified biologist, and under consultation with regulatory agencies if warranted, to ensure the species are not harmed.

BIO-14 All project-related vehicle traffic would be restricted to established roads and construction areas, which include equipment staging, storage, parking, and stockpile areas.

BIO-15 To prevent attracting wildlife to the construction area, all food trash would be kept in wildlife-proof containers and any non-natural food sources would not be left unattended.

BIO-16 Within 48 hours prior to construction, a qualified biologist would survey all areas where vegetation removal would be conducted to confirm the presence/absence of the special-status invertebrates.

BIO-17 If a special-status invertebrate is identified within the project area, areas temporarily impacted during construction would be restored using native species using one or more of the food plant genera, if appropriate for the region.

BIO-18 To prevent inadvertent entrapment of the special-status reptiles species or other animals during construction, all excavated, steep-walled holes or trenches more than six inches deep would be provided with one or more escape ramps constructed of earthen fill or wooden planks. Before such holes or trenches are filled, they would be thoroughly inspected for trapped animals by a qualified biologist.

BIO-19 A qualified biologist would complete pre-construction surveys no more than 48 hours prior to construction to determine the presence or absence of special-status reptile species in the project area. Surveys would be repeated if construction activities are suspended for five days or more. If these species are identified onsite, appropriate measures would be developed and implemented to

avoid impacts on these wildlife species, in consultation with appropriate resource agencies as applicable. Measures may include relocating individuals to outside the project area, limiting construction within the project area to avoid impacting these species, or other measures as determined by a qualified biologist in coordination with California Department of Fish and Wildlife (CDFW).

BIO-20 A qualified biologist would complete pre-construction surveys no more than 48 hours prior to construction to determine the presence or absence of special-status mammal species in the project area. Surveys would be repeated if construction activities are suspended for five days or more. If these species are identified onsite, appropriate measures would be developed and implemented to avoid impacts on these wildlife species, in consultation with appropriate resource agencies as applicable. Measures may include relocating individuals to outside the project area, limiting construction within the project area to avoid impacting these species, or other measures as determined by a qualified biologist in coordination with California Department of Fish and Wildlife (CDFW).

BIO-21 Tree removal and trimming, if any, would be conducted outside of the recognized bat maternity season (approximately April 1 through September 15), and non-active season (November 1 through February 28) season for bats where feasible.

BIO-22 Prior to construction, a qualified bat biologist would conduct a habitat assessment within the project area. Any trees that are determined to provide potentially suitable habitat would be marked "habitat trees" by the qualified biologist.

BIO-23 During the summer months (June 1 through August 31) prior to construction, visual and acoustic surveys would be conducted for at least two nights at all identified roosting habitat to assess the presence of roosting bats. If presence of a roost is detected, a count and species analysis would be completed to help assess the type of colony and usage.

BIO-24 If the presence or absence of bats cannot be confirmed in potential roosting habitat, a qualified biologist would be onsite during tree removal/trimming or disturbance of this area. If the biologist determines that bats are being disturbed during this work, work would be suspended until bats have left the vicinity on their own or can be safely excluded under direction of the biologist. Work would resume only once all bats have left the site and/or approval to resume work is given by a qualified biologist.

BIO-25 No less than a month prior to construction, and outside of the recognized bat maternity and inactive seasons (September 15-October 31), bats would be safely evicted from roosts impacted by the project under the direction of a qualified biologist. Exclusionary devices would be installed if feasible on the bridge and in

trees to prevent bats from returning and roosting in these areas. Roosts that would not be impacted by the project would be left undisturbed.

BIO-26 All removal of trees with potential bat habitat would be conducted using a 2-step process over two consecutive days under the supervision of a qualified biologist. On the first day, any trees that do not contain crevice or cavity roosting habitat, as determined by a qualified biologist, would be trimmed or removed (only if necessary for project construction). In addition, limited trimming of trees (branches and small limbs with no potential roosting features) would be completed. Construction crews would only use hand tools (i.e. chainsaws or similar). On the calendar day immediately following the trimming, all of trees that were previously trimmed would be removed (only if necessary for project construction).

BIO-27 If a maternal colony of bats is found, no work would be conducted within 100 feet of the maternal roosting site until the maternal season is finished or the bats have left the site, or as otherwise directed by a qualified biologist. The site would be designated as a sensitive area and protected as such until the bats leave the site. No activities would be authorized adjacent to the roosting site. Combustion equipment, such as generators, pumps, and vehicles, would not be parked nor operated under or adjacent to the roosting site. Construction personnel would not be authorized to enter areas beneath the colony, especially during the evening exodus (typically between 15 minutes prior to sunset and one hour following sunset).

BIO-28 Tree removal would be avoided during the bird and raptor breeding season (February 15 through August 1).

BIO-29 If trimming or removal of vegetation and/or initial ground disturbance must be conducted during the nesting season, nesting bird surveys would be completed within 500 feet of the construction area (500 feet for raptors and 100 feet for other birds), as feasible, by a qualified biologist no more than 72 hours days prior to trimming or ground disturbance activities. Surveys would be repeated if construction activities are suspended for 14 days or more.

BIO-30 If nesting birds are found within 500 feet of the construction area, appropriate buffers (typically 100 feet for birds and 500 feet for raptors) consisting of orange flagging/fencing or similar would be installed and maintained until nesting activity has ended, as determined in coordination with the surveying biologist and regulatory agencies, as appropriate.

BIO-31 Pre-construction burrowing owl surveys would be conducted by a qualified biologist in accordance with the most current California Department of Fish and Wildlife (CDFW) survey requirements and methodologies.

3.6 Cultural Resources

This section evaluates the potential impacts of the project on cultural resources, including how the project would affect historical, archeological, and paleontological resources, as well as human remains.

Cultural resources include buildings, structures (e.g., bridges, canals, mines, highways, ships, or locomotives), districts (a group of buildings, properties, or sites), remains, and other objects that are associated with human activities. Cultural resources also include archaeological resources, which are any physical evidence of past human life or activity which are now on or below the surface of ground or water due to the passage of time.

According to the California Native American Heritage Commission, cultural resources encompass the following:

- Prehistoric and ethnohistoric Native American archaeological sites;
- Historic archaeological sites;
- Historic buildings, structures, or districts; and
- Elements or areas of the natural landscape that have traditional cultural significance and often continue to be of significance to peoples today (i.e., areas with economic and/or religious significance, such as Native American sacred areas where religious ceremonies are practiced, or where Native Americans gather plants for food, medicinal, or economic purposes).

Prehistoric cultural resources are from the period of time before written history. In California, these resources include evidence of human habitation beginning 12,000 years ago when the first of several groups of people arrived and settled in the area.

Historic cultural resources are from the period of time during which written records have been kept. In California, this period generally began with the arrival of Spanish settlers in 1542 and continued through Mexico's governance of California (1821-1848), the period after the Mexican-American War when California was ceded to the U.S. and when gold was discovered (1848-1849), and all the way to the present day. Ethnohistoric archaeological sites are Native American settlements occupied after the arrival of Spanish settlers in California.

Paleontological resources consist of sites or geologic deposits that contain fossils. Fossils are the preserved remains or impressions of prehistoric animals, plants, and other organisms in petrified form (converted from organic matter to a stony substance), or as a mold or cast in rock. Unlike cultural resources, paleontological resources are not associated with human activities, but instead are concerned with ancient plants, animals, and other organisms, excluding humans. Paleontological resources are often found in rocks or buried beneath the ground.

3.6.1 Regulatory Setting

The following regulatory setting is a summary of the plans, policies, and regulations that protect cultural and paleontological resources and are also applicable to the project.

Federal

National Historic Preservation Act

The National Historic Preservation Act (NHPA) was enacted in 1966 to establish the National Register of Historic Places (NRHP), approve funding for state programs with participation by local governments, create the Advisory Council on Historic Preservation, and develop a review process for protecting cultural resources. The NRHP is the Nation's official list of cultural resources that qualify for preservation.

The NHPA was amended in 1980 to create the Certified Local Government (CLG) program, administered through the Office of Historic Preservation (OHP). The OHP is responsible for administering federally and state mandated historic preservation programs in California, under the direction of the State Historic Preservation Office (SHPO) and the State Historical Resources Commission (SHRC).

The CLG program allows for direct local government participation in a comprehensive statewide historic preservation planning process. The County became a CLG in 1991 and must comply with the following five requirements:

1. Enforce appropriate state and local laws and regulations for the designation and protection of historic properties, including adoption of a historic preservation plan or inclusion of a historic preservation component in the General Plan;
2. Establish a historic preservation review commission by local ordinance;
3. Maintain a system for the survey and inventory of historic properties;
4. Provide for public participation in the local preservation program; and
5. Satisfactorily perform responsibilities delegated to it by the state.

State

California Register of Historical Resources

In 1992, the California Register of Historical Resources (CRHR) was established as a program for state and local agencies, private groups, and citizens to identify the state's historical resources and indicate which properties are to be protected from substantial adverse change.

The CRHR is an authoritative guide to California's significant historical and archaeological resources, and includes the following:

- Resources that are formally determined eligible for, or listed in, the NRHP;
- California Historical Landmarks numbered 770 or higher;
- California Points of Historical Interest recommended for listing by the SHRC;

- Resources nominated for listing and determined eligible in accordance with criteria and procedures adopted by the SHRC; and
- Resources and districts designated as city or county landmarks when the designation criteria are consistent with CRHR criteria.

California Historical Landmarks are buildings, structures, sites, or places that have been determined to have statewide historical significance. California Points of Historical Interest are sites, buildings, features, or events that are of local (city or county) significance, but do not meet the restrictive criteria of the California Historical Landmarks program.

CEQA Guidelines (Section 15064.5)

Under Section 15064.5(a)(3)) of the CEQA Guidelines, a resource is considered historically significant if it meets one of the four criteria:

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

Section 15064.5(c) states that CEQA applies to effects on archaeological sites; Section 15064.5(d) includes guidelines when an initial study identifies the existence or probable likelihood of Native American human remains within a project site; and Section 15064.5(e) provides direction to follow in the event of the accidental discovery or recognition of human remains in any other location other than a dedicated cemetery.

California Environmental Quality Act

Section 21083.2 of CEQA pertains to archaeological resources. Where a project may adversely affect a unique archaeological resource, Section 21083.2 requires that the Lead Agency treat that effect as a significant environmental effect and prepare an EIR.

Section 21084.1 states that if a resource is not listed in, or determined to be eligible for, the CRHR, is not included in a local register of historical places or is not deemed significant according to the criteria in the California Public Resources Code (PRC) Section 5024.1(g), that does not prevent a Lead Agency from determining that resource to be a historical resource. When an archaeological resource is listed in or eligible to be listed in the CRHR, Section 21084.1 requires that any substantial adverse effect to that resource be considered a significant environmental effect.

CA PRC Sections 5097.5 and 30244

PRC Section 5097.5 prohibits the excavation and/or the removal of a "vertebrate paleontological site…or any other archaeological, paleontological or historical feature, situated on public lands,

except with the express permission of the public agency having jurisdiction over such lands." PRC Section 30244 requires reasonable mitigation of adverse impacts on paleontological resources resulting from development on public land.

Native American Heritage Act (PRC Section 5097.9)

The Native American Heritage Act (NAHA), passed by California in 1976, established the Native American Heritage Commission (NAHC) to protect Native American religious values on state property. The NAHC not only protects the heritage of California Native Americans, but also ensures their participation in matters concerning heritage sites. The commission's duty is to assist both federal and state agencies in protecting Native American sacred places and provide recommendations concerning Native American heritage in accordance with environmental law and policy.

The NAHA protects burials from disturbance, vandalism, and accidental destruction. It also stipulates what specific procedures, laid out in the California Health and Safety Code (HSC), must be implemented if a Native American burial is uncovered during project construction or archaeological data recovery.

California Health and Safety Code Section 7050.5

HSC Section 7050.5 requires that if human remains are discovered during ground disturbing activities, the County Coroner must be notified and no further disturbance shall occur until the County Coroner has made a determination of origin and disposition of the remains. If the human remains are determined to be prehistoric, the Coroner will notify the NAHC, who will determine and notify a Most Likely Descendant (MLD). The MLD shall complete the inspection of the project area and may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials.

California Penal Code Section 622.5

California Penal Code Section 622.5 makes it a misdemeanor for anyone (except the owner) to willfully injure or destroy anything of archaeological interest or value whether on private lands or within any public park or place.

Local

County of Ventura General Plan

The General Plan sets forth goals, policies, and programs that the County will implement to manage future growth and land uses within the County. The following cultural resources goals and policies would apply to the project (Ventura County, 2020):

- ***Goals***
  - **COS-4**: To identify, inventory, preserve and protect cultural, historical, paleontological, and archaeological resources in Ventura County, including Native American resources, for their scientific, educational, and cultural value.

- ***Policies***
  - **COS-4.2**: The County shall maintain an inventory of tribal, cultural, historical, paleontological, and archaeological resources in Ventura County based on project studies and secondary resources, including record studies and reports filed with natural history programs, the California Historical Resources Information System (CHRIS) and the NAHC.
  - **COS-4.2:** The County shall cooperate with cities, special districts, appropriate organizations and private landowners to identify known cultural, archaeological, historical, and paleontological resources to preserve identified resources within the county.
  - **COS-4.3**: The County shall require all structures and sites that are designated, or eligible for designation, as County Historical Landmarks to be preserved as a condition of discretionary development, in accordance with the Secretary of the Interior Standards, unless a structure is unsafe or deteriorated beyond repair. The property owner shall place an appropriate marker on the site to describe the historical significance of the structure, site or event.
  - **COS-4.7**: Prior to environmental review of discretionary development projects, the County shall initiate a records search request with the South Central Coastal Information Center (SCCIC) and coordinate with the Cultural Heritage Board to identify sites of potential archaeological, historical, tribal cultural and paleontological significance, to ensure that all known resources have been properly identified. Should a site of archaeological, tribal, architectural, or historical significance be identified, the County shall provide an opportunity for the Cultural Heritage Board to include recommendations specific to the discretionary project and identified resource(s). If it is determined during the review that a site has potential archaeological, tribal, architectural, or historical significance, information shall be provided to the County Cultural Heritage Board for evaluation. Recommendations identified by the Cultural Heritage Board shall be provided to the appropriate decision-making body.
  - **COS-4.8**: The Building and Safety Division shall utilize the State Historic Building Code for preserving historic sites in the County.

County of Ventura Cultural Heritage Ordinance Update

The County's Historic Preservation Ordinance, adopted in 1968 as Ordinance No. 2026, was originally adopted to create regulations and procedures for designation and protection of "items of special historical or aesthetic character or interest" within Ventura County. The most recent Cultural Heritage Ordinance (No. 4604) was adopted in 2022 to accomplish the following: (1) alignment of definitions and terminology with those used in the professional field of historic preservation, including adding new definitions for widely used terms; (2) clarification of the County's review procedures, standards, and process for reviewing projects at designated and eligible historic properties; (3) alignment of the eligibility criteria for County Landmarks with the NRHP and CRHR criteria; and, (4) identification of the County's existing preservation incentives

for property owners of designated historic properties (County of Ventura, 2022). The Cultural Heritage Board has the following functions that are relevant to the project:

- Forward Recommendations. The Cultural Heritage Board shall make recommendations to policy makers and related staff members on issues related to the preservation and enhancement of cultural, historic, and natural features in unincorporated Ventura County as well as its cities, pursuant to any adopted contract for cultural heritage services with the County.
- Establish Markers. The Cultural Heritage Board shall determine which designated Cultural Heritage Sites shall be marked with uniform and distinctive markers, the text and design of which shall be approved by the Cultural Heritage Board.
- Preservation of Cultural Heritage Sites. The Cultural Heritage Board may take steps necessary to preserve Cultural Heritage Sites when not in conflict with the public health, safety, and general welfare. Such steps may include the designation of Cultural Heritage Sites; the creation of civic and citizens' committees; the establishment of a private fund for the acquisition or restoration of such sites; recommendations that such sites be acquired by a governmental agency where private acquisition is not feasible; and recommendations regarding applications for, and administration of, historical property contracts (Mills Act contracts) pursuant to Government Code section 50280 et seq.
- Conduct Surveys. The Cultural Heritage Board or its designee may establish criteria for and conduct or cause to be conducted comprehensive surveys in conformance with Federal and State survey standards and guidelines for cultural heritage resources within the boundaries of the County which the Cultural Heritage Board, on the basis of information available or presented to it, has reason to believe may be eligible for designation. Said surveys shall include notification to all affected property owners prior to acceptance of the surveys by the Cultural Heritage Board. The Cultural Heritage Board may publicize and periodically update the surveys' results. Said surveys will include all Federal and State designated cultural heritage sites.
- Conduct Reviews. The Cultural Heritage Board or its designee shall, by Certificate of Review, review applications for permits to construct, change, alter, modify, remodel, remove, or significantly affect any potential or designated Cultural Heritage Site. This section applies only to sites not requiring a Certificate of Appropriateness and shall not apply in the case of demolition.
- Conduct Environmental Reviews. The Cultural Heritage Board or its designee shall review all applications for discretionary permits pursuant to the County's adopted Initial Study Assessment Guidelines.

3.6.2 Environmental Setting

This section describes the affected environment and regulatory setting for cultural resources related to the project area and surrounding area. In addition, this section describes the potential impacts on cultural resources that would result from implementation of the project. The

information in this section is based on the *Archaeological Survey Report* (Duke Cultural Resources Management, 2024) and *Historic Resources Evaluation Report* (GPA Consulting, 2024) prepared for the project.

Methodology

Area of Potential Effects

An Area of Potential Effects (APE) is defined as the geographic area or areas within which an undertaking may directly or indirectly result in changes in the character or use of historic properties, if such properties exist. The horizontal extent of the APE totals 49.6 acres, of which 38.1 acres is within the ADI. The vertical extent of the APE ranges from the height of the tallest proposed feature (relocated power poles, similar to existing height) to the maximum depth of ground disturbance (approximately 16 feet at the location of approximately three signal pole relocations. The APE was delineated to include the boundaries which can be reasonably expected that the project has the potential to affect historic properties. (see **Figure 3.6-1**).

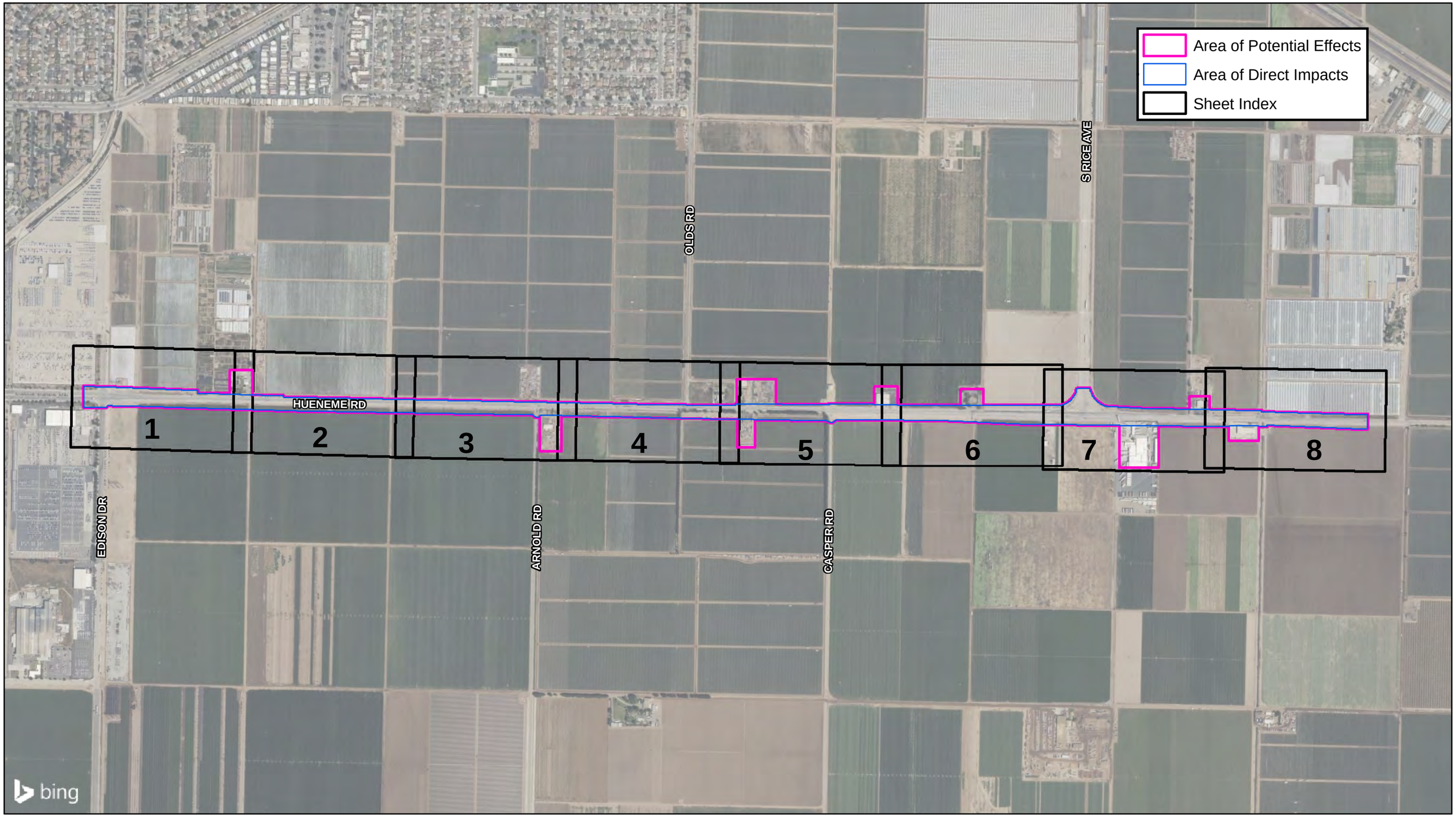
Records Searches and Research

A records search was requested from the SCCIC of the CHRIS, located at California State University, Fullerton, on February 2, 2023. The purpose of the search was to determine the proximity of previously documented cultural resources in the project area. The records search included a review of all recorded historic and prehistoric archeological sites situated within a 1-mile radius of the APE, as well as a review of known cultural resource surveys and excavation reports. The Build Environment Resource Directory with inventories of the NRHP, the CRHR, the California State Historic Resources Inventory, and California Historical Landmarks were also reviewed to identify cultural resources within the project area.

The records search indicated that there have been 25 cultural research studies previously conducted, with one study mis-mapped, making the true total 24. Of these, 11 are within the 1-mile radius of the APE and 13 are within or directly adjacent to the APE. Based on the records search results, there are 11 cultural resources within a 1-mile radius of the APE, and three within the APE (see **Table 3.6-1**). No archaeological resources were identified in the APE as a result of this study.

Table 3.6-1. Previously Identified Buil Environment Resources in the APE

MR #	Primary #	Historic Name	Description	Location
-	56-150027	Old Ocean View School (no longer extant)	Site of Old Ocean View School (no longer extant)	2275 East Hueneme Road (no longer extant)
1	56-150028	Eastwood House	Single-family residence constructed circa 1900	2281 East Hueneme Road
2	56-150029	Stanley Pidduck House	Single-family residence constructed in 1916	2292 East Hueneme Road



N

0 0.25 Miles

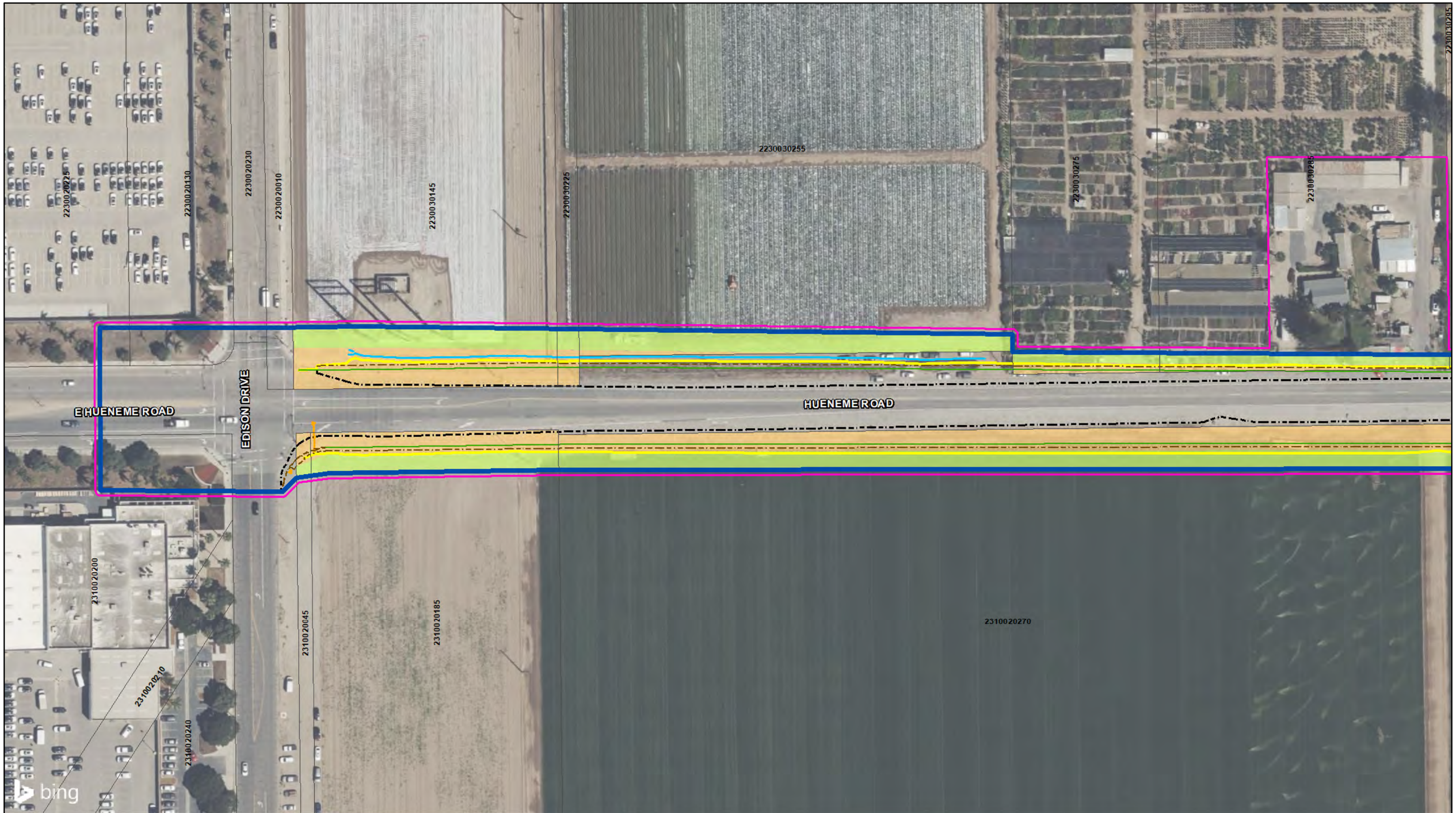
Approvals:

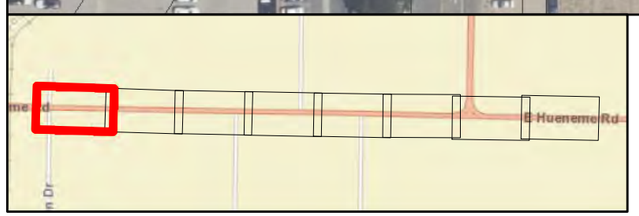
Caprice "Kip" Harper, PQS
Caltrans, District 7
Date

Steve Novotny, District Local Assistance Engineer
Caltrans, District 7
Date

Figure 3.6-1. Area of Potential Effects
Federal Project # HIPL-5952(215)
Hueneme Road Widening Project
Ventura County

Sheet Index





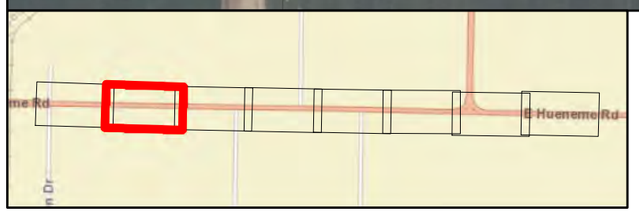
Area of Direct Impacts
Area of Potential Effects
Parcels
Proposed ROW
Proposed TCE
Edge of Pavement
Grading Limits
Curbs and sidewalks
Drainage Improvements
Sawcut
Traffic Signals

N

0 50 100 Feet

Figure 3.6-1. Area of Potential Effects
Federal Project # HIPL-5952(215)
Hueneme Road Widening Project
Ventura County

Sheet 1 of 8



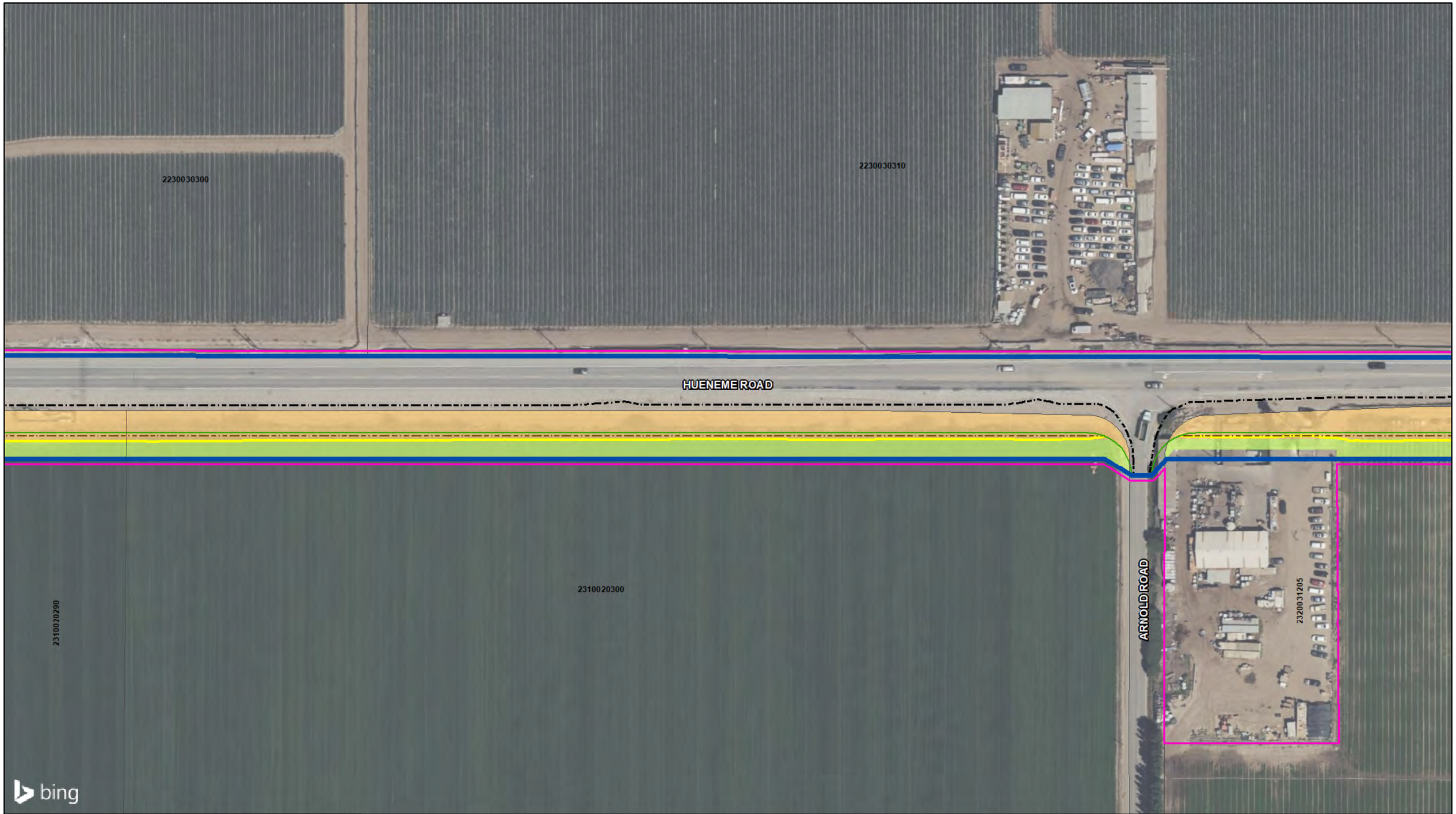
Area of Direct Impacts
Area of Potential Effects
Parcels
Proposed ROW
Proposed TCE
Edge of Pavement
Grading Limits
Curbs and sidewalks
Drainage Improvements
Sawcut
Traffic Signals

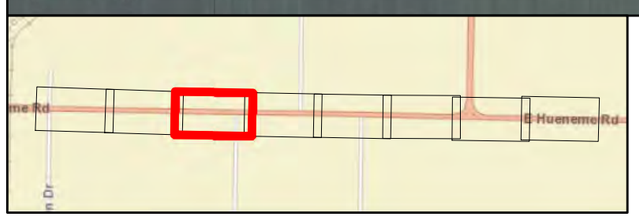
N

0 50 100 Feet

Figure 3.6-1. Area of Potential Effects
Federal Project # HIPL-5952(215)
Hueneme Road Widening Project
Ventura County

Sheet 2 of 8





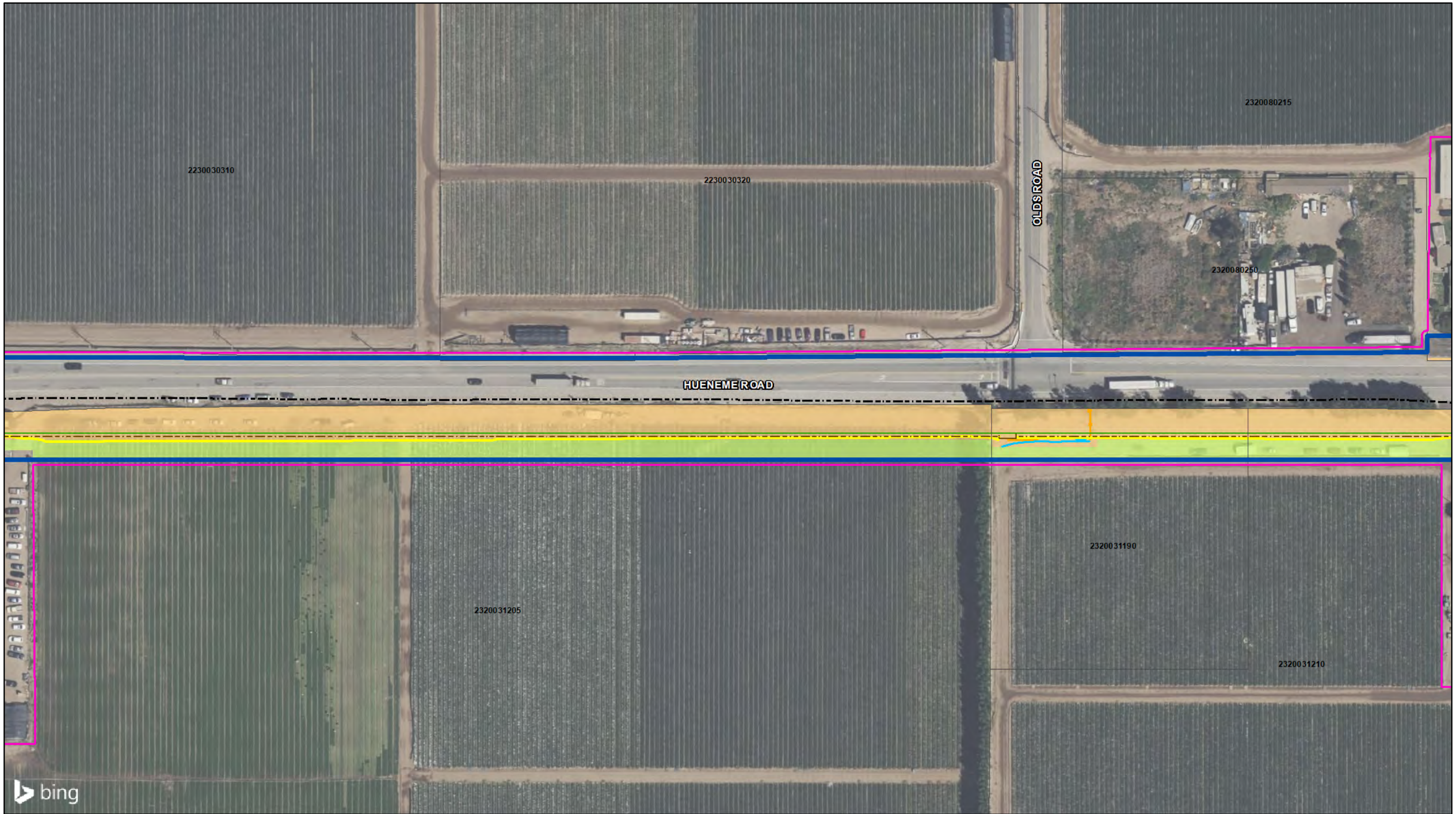
Area of Direct Impacts
Area of Potential Effects
Parcels
Proposed ROW
Proposed TCE
Edge of Pavement
Grading Limits
Curbs and sidewalks
Drainage Improvements
Sawcut
Traffic Signals

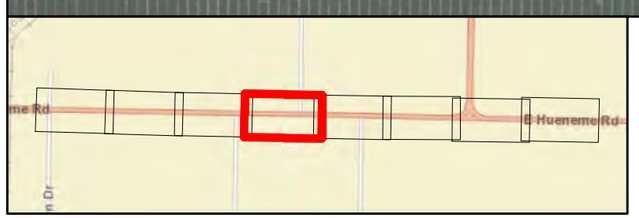
N

0 50 100 Feet

Figure 3.6-1. Area of Potential Effects
Federal Project # HIPL-5952(215)
Hueneme Road Widening Project
Ventura County

Sheet 3 of 8





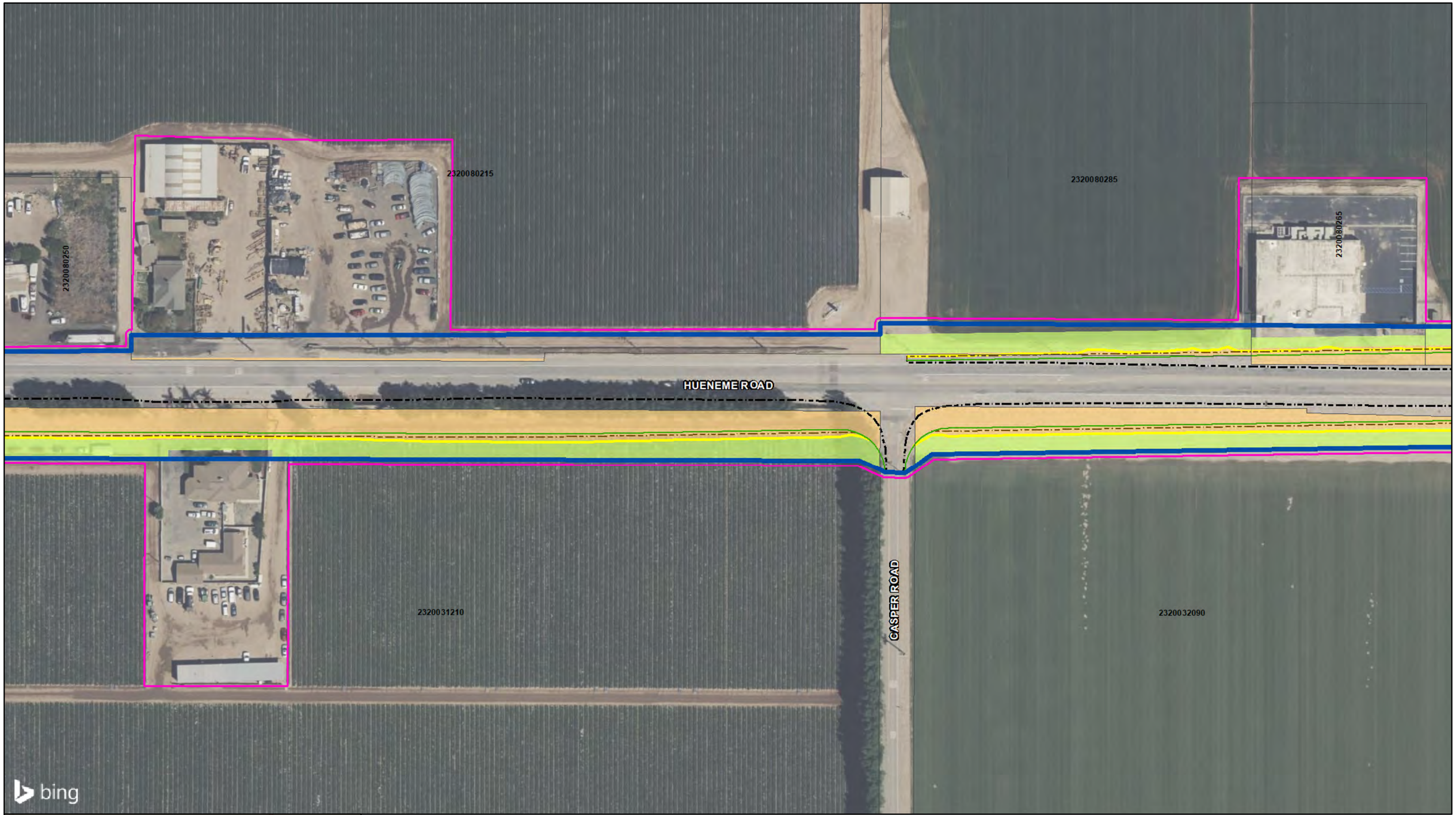
Area of Direct Impacts
Area of Potential Effects
Parcels
Proposed ROW
Proposed TCE
Edge of Pavement
Grading Limits
Curbs and sidewalks
Drainage Improvements
Sawcut
Traffic Signals

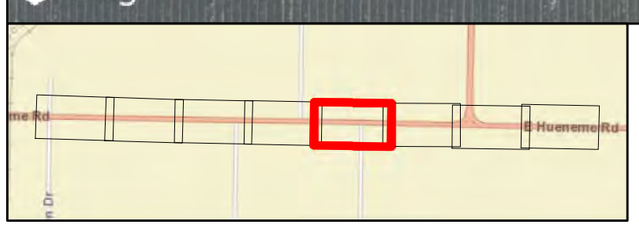
N

0 50 100 Feet

Figure 3.6-1. Area of Potential Effects
Federal Project # HIPL-5952(215)
Hueneme Road Widening Project
Ventura County

Sheet 4 of 8





Area of Direct Impacts
Area of Potential Effects
Parcels
Proposed ROW
Proposed TCE
Edge of Pavement
Grading Limits
Curbs and sidewalks
Drainage Improvements
Sawcut
Traffic Signals

N

0 50 100 Feet

Figure 3.6-1. Area of Potential Effects
Federal Project # HIPL-5952(215)
Hueneme Road Widening Project
Ventura County

Sheet 5 of 8

2320080285

2320080290

2320080305

2320080265

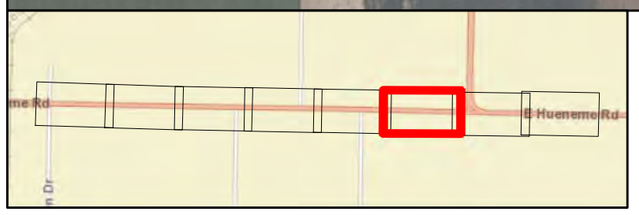
2320080270

HUENEME ROAD

2320032090

2320032100

bing



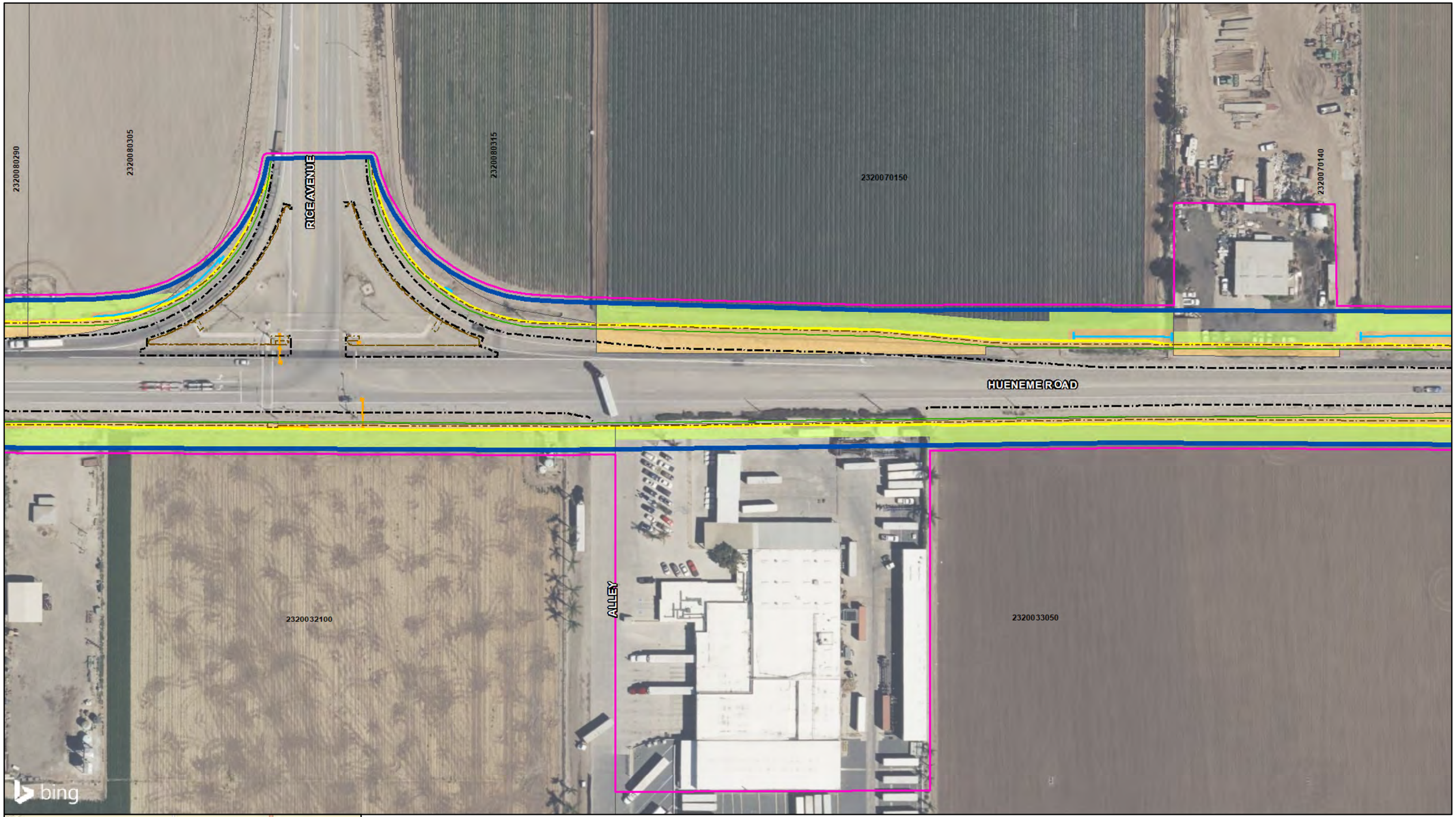
Area of Direct Impacts
Area of Potential Effects
Parcels
Proposed ROW
Proposed TCE
Edge of Pavement
Grading Limits
Curbs and sidewalks
Drainage Improvements
Sawcut
Traffic Signals

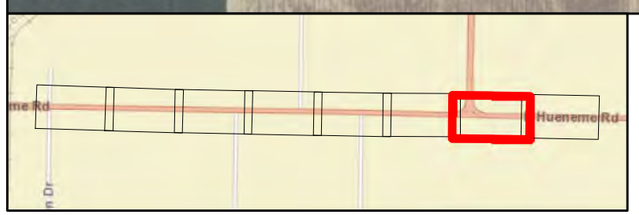
N

0 50 100 Feet

Figure 3.6-1. Area of Potential Effects
Federal Project # HIPL-5952(215)
Hueneme Road Widening Project
Ventura County

Sheet 6 of 8





Area of Direct Impacts
Area of Potential Effects
Parcels
Proposed ROW
Proposed TCE
Edge of Pavement
Grading Limits
Curbs and sidewalks
Drainage Improvements
Sawcut
Traffic Signals

N

0 50 100 Feet

Figure 3.6-1. Area of Potential Effects
Federal Project # HIPL-5952(215)
Hueneme Road Widening Project
Ventura County

Sheet 7 of 8

2320070140

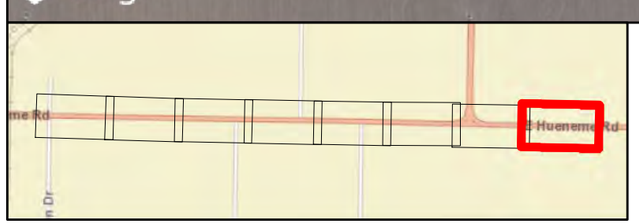
2320070130

HUENEME ROAD

2320033050

2320033045

bing



Area of Direct Impacts
Area of Potential Effects
Parcels
Proposed ROW
Proposed TCE
Edge of Pavement
Grading Limits
Curbs and sidewalks
Drainage Improvements
Sawcut
Traffic Signals

N

0 50 100 Feet

Figure 3.6-1. Area of Potential Effects
Federal Project # HIPL-5952(215)
Hueneme Road Widening Project
Ventura County

Sheet 8 of 8

Of the three previously recorded built environment resources within the APE, two are extant: the Eastwood House (P-56-150028) and the Stanley Pidduck House (P-56-150029). Both extant properties were previously evaluated by Caltrans in 1996 with updated information and analysis from San Buenaventura Research Associates (for Ventura County) in 2014. In 1996, both the Eastwood House (P-56-150028) and the Stanley Pidduck House (P-56-150029) were found ineligible for the NRHP and the CRHR. SHPO concurred in this determination on June 3, 1996. In 2014, the properties were again determined ineligible for the NRHP and CRHR but were identified as potentially eligible for listing as local a Ventura County Landmark. However, according to the Historical Resource Evaluation Report (HRER), these properties are not eligible for local designation (GPA Consulting, 2024).

Archaeological Resources

According to the records search conducted by Duke Cultural Resources Management at the SCCIC of the CHRIS, there is one known archaeological resource located within a one-mile radius of the APE. This resource, P-56-100061, is located approximately 0.9 mile north of the project area.

Field Surveys

Built-Environment Surveys

A field survey was conducted by GPA in January 2024 to identify buildings and/or structures located within the project area that were more than 45 years of age and would require evaluation for historic significance. The field study, as well as review of historic aerial photographs of the project area, revealed that two buildings within the project area are more than 45 years of age. These two properties within the APE (1531 E. Hueneme Road, a Folk Victorian residence and farm, and 2463 East Hueneme Road, a post-war telephone company building) were identified as requiring evaluation for historic significance and eligibility for listing in the NRHP and CRHR. Both of these resources were determined not eligible for the NRHP or CRHR.

3.6.3 Thresholds of Significance

The following thresholds are used to determine whether the project would result in a significant impact pursuant to CEQA. These thresholds of significance are based in general on Appendix G of the CEQA Guidelines. A cultural resources impact is considered significant if the project would:

(a) Cause a substantial adverse change in the significance of a historical resource pursuant to in §15064.5;

(b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5;

(c) Disturb any human remains, including those interred outside of dedicated cemeteries.

3.6.4 Environmental Impacts

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

No Impact. There are no historic properties, or historical resources present in the project area. Therefore, the project would result in no impact on historical resources pursuant to in §15064.5, and no mitigation is required.

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

Less Than Significant Impact. Since the project area is in a largely disturbed area, it is not expected that archaeological resources would be encountered during construction; however, the project would require ground-disturbing activities that could potentially unearth resources. If any cultural and/or archaeological resources are discovered, measure **CUL-1** would be implemented. With implementation of this measure, the project would result in a less than significant impact on archaeological resources pursuant to §15064.5, and no mitigation is required.

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

Less Than Significant Impact. The project area is in a rural portion of the County that is not in or near a formal cemetery. In addition, the project area has been heavily disturbed by construction of the roadway and utility infrastructure, and by agriculture production. Because of previous ground disturbance, and based on the records search and field survey results, the likelihood that any remains would be found in the project area is low. If any remains are found, measure **CUL-2** would be implemented. With implementation of this measure, the project would result in a less than significant impact on the disturbance of human remains, and no mitigation is required.

3.6.5 Avoidance and Minimization Measures

CUL-1 If cultural materials are discovered during construction, work would be halted in that area until a qualified archaeologist has assessed the potential discovery and determined the need for further action.

CUL-2 Health and Safety Code Section 7050.5, Section 15064.5(e) of the California Environmental Quality Act (CEQA) Guidelines, and Public Resource Code (PRC) Section 5097.98 mandate the process to be followed in the unlikely event of an unanticipated discovery of human remains in a location other than a dedicated cemetery. The Ventura County Coroner would be notified within 24 hours of the discovery of potentially human remains. The Coroner must then determine within two working days of being notified if the remains are subject to his or her authority.

If the Coroner recognizes the human remains (including bone fragments and funerary objects) to be Native American, he or she must contact the Native American Heritage Commission (NAHC) by phone within 24 hours. The NAHC then designates a most likely descendent (MLD) with respect to the human

remains within 48 hours of notification. The MLD would then have the opportunity to recommend to the project proponent means for treating or disposing of, with appropriate dignity, the human remains and associated grave goods within 24 hours of notification.

3.7 Greenhouse Gas Emissions

This section describes the regulatory and environmental setting for GHG emissions related to the project area. In addition, this section describes the potential project impacts related to GHG emissions. GHG emissions refer to a group of emissions that are believed to affect global climate change conditions. The principal GHGs are carbon dioxide (CO_2), methane (CH_4), nitrous oxide (NO_2), sulfur hexafluoride (SF_4), perfluorocarbons (PFC), hydrofluorocarbons (HFC), and water vapor. CO_2 is the reference gas for climate change because it is the predominant GHG emitted. To account for the varying warming potential to different GHGs, GHG emissions are often quantified and reported as CO_2 equivalents (CO_2e).

3.7.1 Regulatory Setting

The following regulatory setting is a summary of the plans and policies that regulate the emissions of GHG, and that are also applicable to the project.

State

Assembly Bill 1493

AB 1493 (Pavley) of 2002 (Health and Safety Code Sections 42823 and 43018.5) requires CARB to develop and adopt the nation's first GHG emission standards for automobiles. These standards are also known as Pavley I. The California Legislature declared in AB 1493 that global warming is a matter of increasing concern for public health and the environment. It cites several risks that California faces from climate change, including a reduction in the state's water supply, an increase in air pollution caused by higher temperatures, harm to agriculture, an increase in wildfires, damage to the coastline, and economic losses caused by higher food, water, energy, and insurance prices. The bill also states that technological solutions to reduce GHG emissions would stimulate California's economy and provide jobs. In 2004, the state submitted a request for a waiver from federal clean air regulations, as the state is authorized to do under the FCAA, to allow the state to require reduced tailpipe emissions of CO2. In late 2007, the U.S. EPA denied California's waiver request and declined to promulgate adequate federal regulations limiting GHG emissions. In early 2008, the state brought suit against the U.S. EPA related to this denial.

In January 2009, President Obama instructed the U.S. EPA to reconsider the Bush Administration's denial of California's and 13 other states' requests to implement global warming pollution standards for cars and trucks. In June 2009, the U.S. EPA granted California's waiver request, enabling the state to enforce its GHG emissions standards for new motor vehicles beginning with the current model year.

In 2009, President Obama also announced a national policy aimed at both increasing fuel economy and reducing GHG pollution for all new cars and trucks sold in the Nation. The new

standards would cover model years 2012 to 2016 and would raise passenger vehicle fuel economy to a fleet average of 35.5 miles per gallon by 2016. California has committed to allowing automakers who show compliance with the national program to also be deemed in compliance with state requirements. California is committed to further strengthening these standards beginning in 2017 to obtain a 45 percent GHG reduction from the 2020 model year vehicles in comparison to the 2009 model year.

Executive Order No. S-3-05

EO S-3-05 proclaims that California is vulnerable to the impacts of climate change. It declares that increased temperatures could reduce the Sierra's snowpack, further exacerbate California's air quality problems, and potentially cause a rise in sea levels. To combat those concerns, the EO established total GHG emission targets. Specifically, emissions are to be reduced to the 2000 level by 2010, to the 1990 level by 2020, and to 80 percent below the 1990 level by 2050.

The EO directed the secretary of the California Environmental Protection Agency (CalEPA) to coordinate a multi-agency effort to reduce GHG emissions to the target levels. The secretary will also submit biannual reports to the governor and state legislature describing (1) progress made toward reaching the emission targets; (2) impacts of global warming on California's resources, and (3) mitigation and adaptation plans to combat these impacts. To comply with the EO, the secretary of CalEPA created a Climate Action Team made up of members from various state agencies and commissions. The Climate Action Team released its first report in March 2006 and continues to release periodic reports on progress. The report proposed to achieve the targets by building on voluntary actions of California businesses, local government and community actions, as well as through state incentive and regulatory programs.

Assembly Bill 32 – California Global Warming Act of 2006

AB 32 (Health and Safety Code Sections 38500, 38501, 28510, 38530, 38550, 38560, 38561–38565, 38570, 38571, 38574, 38580, 38590, 38592–38599) requires that statewide GHG emissions be reduced to 1990 levels by the year 2045. The gases that are regulated by AB 32 include CO_2, CH_4, nitrous oxide (N_2O), HFCs, PFCs, nitrogen trifluoride , and sulfur hexafluoride (SF_6). The reduction to 1990 levels will be accomplished through an enforceable statewide cap on GHG emissions that were phased in starting in 2012. To effectively implement the cap, AB 32 directs CARB to develop and implement regulations to reduce Statewide GHG emissions from stationary sources. AB 32 specifies that regulations adopted in response to AB 1493 should be used to address GHG emissions from vehicles. However, AB 32 also includes language stating that if the AB 1493 regulations cannot be implemented, then CARB should develop new regulations to control vehicle GHG emissions under the authorization of AB 32.

AB 32 requires that CARB adopt a quantified cap on GHG emissions representing 1990 emissions levels and disclose how it arrives at the cap, institute a schedule to meet the emissions cap, and develop tracking, reporting, and enforcement mechanisms to ensure that the State achieves reductions in GHG emissions necessary to meet the cap. AB 32 also includes guidance to institute emissions reductions in an economically efficient manner and conditions to ensure that businesses and consumers are not unfairly affected by the reductions.

California Global Warming Solutions Act

In 2006, California passed the California Global Warming Solutions Act of 2006 (AB No. 32; California Health and Safety Code Division 25.5, Sections 38500, et seq., or AB 32), which requires CARB to design and implement emission limits, regulations, and other measures, such that feasible and cost-effective statewide GHG emissions are reduced to 1990 levels by 2020. As a central requirement of AB 32, the ARB was assigned the task of developing a Scoping Plan that outlines the state's strategy to achieve the 2020 GHG emissions limit. The Scoping Plan, which was developed by the ARB in coordination with the Climate Action Team, was published in October 2008. The Scoping Plan proposed a comprehensive set of actions designed to reduce overall GHG emissions in California, improve the environment, reduce the state's dependence on oil, diversify the state's energy sources, save energy, create new jobs, and enhance public health. An important component of the plan is a cap-and trade program covering 85 percent of the state's emissions. The Scoping Plan was approved by the ARB on December 11, 2008. According to the 2017 Climate Change Scoping Plan Update, California has made progress toward achieving the 2020 statewide target while also reducing criteria pollutants and TACs and supporting economic growth (California Air Resources Board, 2022). The ARB published a update to the Scoping Plan to reflect the 2045 target set by AB 1279 and codified by AB 32 (California Air Resources Board, 2022).

Climate Change Scoping Plan

In October 2008, CARB published its Climate Change Proposed Scoping Plan, which is the state's plan to achieve GHG reductions in California required by AB 32. This initial Scoping Plan contained the main strategies to be implemented in order to achieve the target emission levels identified in AB 32. The Scoping Plan included CARB-recommended GHG reductions for each emissions sector of the state's GHG inventory. The largest proposed GHG reduction recommendations were associated with improving emissions standards for light-duty vehicles, implementing the Low Carbon Fuel Standard program, incorporating energy efficiency measures in buildings and appliances and the widespread development of combined heat and power systems, and developing a renewable portfolio standard for electricity production.

The Scoping Plan states that land use planning and urban growth decisions will play important roles in the State's GHG reductions because local governments have primary authority to plan, zone, approve, and permit how land is developed to accommodate population growth and the changing needs of their jurisdictions. CARB further acknowledges that decisions on how land is used will have large impacts on the GHG emissions that will result from the transportation, housing, industry, forestry, water, agriculture, electricity, and natural gas emissions sectors. With regard to land use planning, the Scoping Plan expects approximately 5.0 million metric tons of carbon dioxide equivalents ($MTCO_2e$) will be achieved associated with implementation of Senate Bill (SB) 375, which is discussed further below.

The initial Scoping Plan was first approved by CARB on December 11, 2008, and is updated every five years. The first update of the Scoping Plan was approved by the CARB on May 22, 2014, which looked past 2020 to set mid-term goals (2030-2035) on the road to reaching the 2050

goals. The most recent update released by CARB is the 2017 Climate Change Scoping Plan, which was released in November 2017. The 2017 Climate Change Scoping Plan incorporates strategies for achieving the 2030 GHG-reduction target established in SB 32 and EO B-30-15.

According to the 2022 Climate Change Scoping Plan Update, the major source of GHGs in California is transportation, contributing approximately 37 percent of the state's total GHG emissions. Industrial sources are the second largest generator, contributing approximately 24 percent of the state's GHG emissions. Residential and commercial sources contribute only about six and five percent of the state's GHG emissions, respectively. These are less than the eight percent generated by agriculture (California Air Resources Board, 2022).

CO_2, as part of the carbon cycle, is an important compound for plant and animal life, but also accounted for 84 percent of California's total GHG emissions in 2015. Transportation, primarily on-road travel, is the single largest source of CO_2 emissions in the state.

California Renewables Portfolio Standards (Senate Bill 1078 and Governor's Order S-14-08)

SB 1078 (Public Utilities Code Sections 387, 390.1, 399.25 and Article 16) addresses electricity supply and requires that retail sellers of electricity, including investor-owned utilities and community choice aggregators, provide a minimum 20 percent of their supply from renewable sources by 2017. This SB will affect statewide GHG emissions associated with electricity generation. In 2008, Governor Schwarzenegger signed EO S-14-08, which set the Renewables Portfolio Standard target to 33 percent by 2020. It directed state government agencies and retail sellers of electricity to take all appropriate actions to implement this target. EO S-14-08 was later superseded by EO S-21-09 on September 15, 2009. EO S-21-09 directed the CARB to adopt regulations requiring 33 percent of electricity sold in the State come from renewable energy by 2020. Statute SB X1-2 superseded this EO in 2011, which obligates all California electricity providers, including investor-owned utilities and publicly owned utilities, to obtain at least 33 percent of their energy from renewable electrical generation facilities by 2020.

CARB is required by current law, AB 32 of 2006, to regulate sources of GHGs to meet a state goal of reducing GHG emissions to 1990 levels by 2020 and an 80 percent reduction of 1990 levels by 2050. The California Energy Commission (CEC) and California Public Utilities Commission serve in advisory roles to help CARB develop the regulations to administer the 33 percent by 2020 requirement. CARB is also authorized to increase the target and accelerate and expand the time frame.

SB 350 (Chapter 547, Statues of 2015) further increased the Renewables Portfolio Standard to 50 percent by 2030. The legislation also included interim targets of 40 percent by 2024 and 45 percent by 2027. SB 350 was signed into law on October 7, 2015.

Mandatory Reporting of GHG Emissions

The California Global Warming Solutions Act (AB 32, 2006) requires reporting of GHGs by major sources to the CARB. Major sources required to report GHG emissions include industrial facilities, suppliers of transportation fuels, natural gas, natural gas liquids, liquefied petroleum gas, and

carbon dioxide, operators of petroleum and natural gas systems, and electricity retail providers and marketers.

Cap-and-Trade Regulation

The cap-and-trade regulation is a key element in California's climate plan. It sets a statewide limit on sources responsible for 85 percent of California's GHG emissions and establishes a price signal needed to drive long-term investment in cleaner fuels and more efficient use of energy. The cap-and-trade rules came into effect on January 1, 2013, and apply to large electric power plants and large industrial plants. In 2015, fuel distributors, including distributors of heating and transportation fuels, also became subject to cap-and-trade. At that stage, the program was predicted to encompass around 360 businesses throughout California and nearly 85 percent of the state's total GHG emissions.

Under the cap-and-trade regulation, companies must hold enough emission allowances to cover their emissions and are free to buy and sell allowances on the open market. California held its first auction of GHG allowances on November 14, 2012, which was followed by seven jurisdiction-specific quarterly GHG allowance auctions until August 18, 2014. The first joint auction with Québec's Ministry of Sustainable Development, Environment and the Fight against Climate Change was held on November 25, 2014. California's GHG cap-and-trade system is projected to reduce GHG emissions to 1990 levels by the year 2045 and would achieve an approximate 80 percent reduction from 1990 levels by 2050.

Senate Bill 32

SB 32 was signed by Governor Brown on September 8, 2016. SB 32 effectively extends California's GHG emission-reduction goals from year 2020 to year 2030. This new emission-reduction target of 40 percent below 1990 levels by 2030 is intended to promote further GHG-reductions in support of the state's ultimate goal of reducing GHG emissions by 80 percent below 1990 levels by 2050. SB 32 also directs CARB to update the Climate Change Scoping Plan to address this interim 2030 emission-reduction target.

Senate Bill 375

SB 375 requires MPO to adopt a SCS or alternative planning strategy that will address land use allocation in that MPOs regional transportation plan. CARB, in consultation with MPOs, establishes regional reduction targets for GHGs emitted by passenger cars and light trucks for the year 2035. These reduction targets are scheduled to be updated every eight years but can be updated every four years if advancements in emissions technologies affect the reduction strategies to achieve the targets. CARB is also charged with reviewing each MPO's SCS or Alternative Planning Strategy for consistency with its assigned targets. If MPOs do not meet the GHG reduction targets, funding for transportation projects may be withheld.

Senate Bill 97

SB 97 was enacted in 2007. SB 97 required the Office of Planning and Research to develop, and the California Natural Resources Agency (CNRA) to adopt amendments to the CEQA Guidelines

addressing the analysis and mitigation of GHG emissions. Those CEQA Guidelines amendments clarified several points, including the following:

- Lead agencies must analyze the GHG emissions of proposed projects and must reach a conclusion regarding the significance of those emissions.
- When a project's GHG emissions may be significant, lead agencies must consider a range of potential mitigation measures to reduce those emissions.
- Lead agencies must analyze potentially significant impacts associated with placing projects in hazardous locations, including locations potentially affected by climate change.
- Lead agencies may significantly streamline the analysis of GHGs on a project level by using a programmatic GHG emissions reduction plan meeting certain criteria.
- CEQA mandates analysis of a proposed project's potential energy use (including transportation-related energy), sources of energy supply, and ways to reduce energy demand, including through the use of efficient transportation alternatives.

As part of the administrative rulemaking process, the CNRA developed a Final Statement of Reasons explaining the legal and factual bases, intent, and purpose of the CEQA Guidelines amendments. The amendments to the CEQA Guidelines implementing SB 97 became effective on March 18, 2010.

Short-Lived Climate Pollutant Reduction Strategy

In March 2017, CARB adopted the Short-Lived Climate Pollutant Reduction Strategy (SLCP Strategy), establishing a path to decrease GHG emissions and displace fossil-based natural gas use. Strategies include avoiding landfill methane emissions by reducing the disposal of organics through edible food recovery, composting, in-vessel digestion, and other processes; and recovering methane from wastewater treatment facilities, and manure methane at dairies, and using the methane as a renewable source of natural gas to fuel vehicles or generate electricity. The SLCP Strategy also identifies steps to reduce natural gas leaks from oil and gas wells, pipelines, valves, and pumps to improve safety, avoid energy losses, and reduce methane emissions associated with natural gas use. The SLCP Strategy identifies measures that can reduce HFC emissions at national and international levels. Lastly, the SLCP identifies state-level actions, including an incentive program to encourage the use of low-global warming potential (GWP) refrigerants and limitations on the use of high-GWP refrigerants in new refrigeration and air-conditioning equipment (California Air Resources Board, 2017).

Regional

Southern California Association of Governments

SCAG is the regional planning agency for Los Angeles, Orange, Ventura, Riverside, San Bernardino, and Imperial Counties and serves as a forum for regional issues relating to transportation, the economy, community development, and the environment. Under federal law, SCAG is designated as an MPO and under state law as a Regional Transportation Planning Agency and a Council of Governments.

On April 4, 2024, SCAG adopted Connect SoCal: The 2024-2050 RTP/SCS (Southern California Association of Governments, 2024).The RTP is a long-range transportation plan that provides a vision for regional transportation investments over a period of 20 years or more. The SCS is an element of the RTP that demonstrates the integration of land use, transportation strategies, and transportation investments within the RTP. This requirement was put in place by the passage of SB 375, with the goal of ensuring that the SCAG region can meet its regional GHG reduction targets set by the CARB. In comparison to year 2005 levels, the SCS would result in an eight percent reduction in GHG emissions per capita by 2020, an 18 percent reduction by 2035, and a 21 percent reduction by 2040. This meets or exceeds the state's mandated reductions, which are eight percent by 2020 and 13 percent by 2035. SCAG is also responsible under the FCAA for determining federal air quality conformity of projects, plans, and programs within the SCAQMD.

The 2024-2050 RTP/SCS would also help to reduce vehicle delay and vehicle miles traveled (VMT) within the region. On a per capita basis, vehicle delay would be reduced by roughly 26 percent, and heavy-duty truck delay on highways by 24 percent. VMT per capita would be reduced by five percent and vehicle hours traveled would be reduced by approximately nine percent per capita (Southern California Association of Governments, 2024).

Local

Ventura County General Plan

The General Plan sets forth goals, policies, and programs that the County will implement to manage future growth and land uses within the County. The following GHG goals and policies would apply to the project (Ventura County, 2020):

- ***Goals:***
  - **HAZ-10*:*** To promote a high level of air quality in order to protect public health, safety, and welfare, and mitigate any adverse air quality impacts on the maximum extent feasible.
  - **HAZ-*11:*** To improve resilience to increasing temperatures resulting from climate change.
  - **COS-10*:*** To improve the long-term sustainability of the community through local efforts to reduce GHG emissions.
- ***Policies***
  - ***HAZ-10.5:*** The County shall work with applicants for discretionary development projects to incorporate bike facilities, solar water heating, solar space heating, incorporation of electric appliances and equipment, and the use of zero and/or near zero emission vehicles and other measures to reduce air pollution impacts and reduce GHG emissions.
  - **HAZ-11.9**: The County shall promote the use of urban greening techniques, such as cool pavement technology, parking lot shading, landscaping, and other methods to offset climate change impacts and reduce GHG emissions for discretionary development and County initiated projects.

- **COS-10.1**: The County shall maintain and refer to the General Plan and its integrated GHG Reduction Strategy as the County's comprehensive plan for reducing community-wide GHG emissions in the unincorporated County.
- **COS-10.2**: The County shall work toward achieving a community-wide GHG emissions reduction target of 41 percent below 2015 levels by 2030.
- **COS-10.3**: The County shall work toward achieving longer-term, post-2030 community-wide GHG emissions reduction goals, as follows:
  - 61 percent below 2015 levels by 2040, and
  - 80 percent below 2015 levels by 2050.
- **COS-10.4**: The County shall reduce GHG emissions in both existing and new development through a combination of measures included in the GHG Strategy, which includes new and modified regulations, financing and incentive-based programs, community outreach and education programs, partnerships with local or regional agencies, and other related actions.

3.7.2 Environmental Setting

This section describes the affected environment and regulatory setting for greenhouse gas emissions related to the project area and surrounding area. In addition, this section describes the potential impacts on greenhouse gas emissions that would result from implementation of the project. The information in this section is based on the *Air Quality Report* (AMBIENT Air Quality & Noise Consulting, 2025) prepared for the project (see **Appendix C**). Air quality and GHG emissions models were generated for an opening year of 2030.

Climate change refers to any significant change in measures of climate, such as temperature, precipitation, or wind patterns, lasting for an extended period of time (decades or longer). A GHG is any gas that absorbs infrared radiation in the atmosphere; in other words, GHG traps heat in the atmosphere. The greenhouse effect is the trapping and build-up of heat in the atmosphere near the earth's surface. The greenhouse effect traps heat in the atmosphere through a threefold process: short-wave radiation emitted by the sun is absorbed by the earth; the earth emits a portion of this energy in the form of long-wave radiation; and GHGs in the upper atmosphere absorb this long-wave radiation and emit it into space and toward the earth. The greenhouse effect is a natural process that contributes to regulating the Earth's temperature. Without it, the average temperature of the earth would be about zero degrees F instead of its present 57 degrees F. If the atmospheric concentrations of GHGs rise, the average temperature of the lower atmosphere will gradually increase. Global climate change concerns are focused on what human activities are increasing the greenhouse effect.

The principal GHGs of primary concern are CO_2, CH_4, N_2O, and fluorinated compounds, including SF_6, HFCs, and PFCs. Water vapor, the most abundant GHG, is not included in this list because its natural concentrations and fluctuations far outweigh its anthropogenic sources.

3.7.3 Thresholds of Significance

The following thresholds are used to determine whether the project would result in a significant impact pursuant to CEQA. These thresholds of significance are based in general on Appendix G of the CEQA Guidelines. A GHG emissions impact is considered significant if the project would:

(a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment; or

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

3.7.4 Environmental Impacts

(a) Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment;

Construction Impacts

Less than Significant Impact. The project would result in short-term GHG emissions (see **Table 3.7-1**). Grading/excavation would create the greatest GHG emissions, totaling 515.8 $MTCO_2e$ over the course of the project. The total amount of GHG emitted is calculated at 1723.3 $MTCO_2e$ during construction. However, GHG emissions are not anticipated to substantially influence the regional GHG goals during construction, as GHG emissions are measured over the long-term. Therefore, the project would result in a less than significant impact on GHG emissions during construction, and no mitigation is required.

Table 3.7-1. Construction-Generated Greenhouse Gas Emissions

Construction Phase	$MTCO_2e$
Land Clearing/ Grubbing (Year 2030)	14.9
Grading/Excavation (Year 2030)	490.6
Grading/Excavation (Year 2031)	25.2
Drainage/Utilities/Sub-Grade (Year 2031)	147.2
Paving (Year 2031)	45.4
Maximum/Phase:	490.6
Project Total – Year 2030:	505.5
Project Total – Year 2031:	217.8
Project Total – Years 2030 and 2031:	723.3

Construction GHG emissions were estimated using CalEEMod, Version 2022.1.1.30.

Source: (AMBIENT Air Quality & Noise Consulting, 2025)

Operational Impacts

Less than Significant Impact. Long-term operational GHG emissions were estimated using EMFAC2021 emission factors and traffic data (see **Table 3.7-2**). The Air Quality Report concluded

that the existing operational emissions within the project area would total approximately 4,077.94 $MTCO_2e$/year. The baseline would result in an approximately 16 percent decrease in mobile-source GHG emissions under 2030 conditions and an approximate 27 percent decrease under 2050 conditions. The project would result in a 14 percent decrease and 25 percent decrease under 2030 conditions and 2050 conditions, respectively. When compared to the baseline, the project is anticipated to increase mobile-source GHGs of approximately four percent and three percent under 2030 and 2050 conditions, respectively. On a regional basis, the project is not anticipated to result in an increase in long-term VMT and associated mobile-source emissions. While there is an increase in GHG emissions when comparing the project to the baseline under 2030 and 2050 conditions, the project is still decreasing emissions when compared to existing conditions. Therefore, the project would result in a less than significant impact on GHG emissions during operation, and no mitigation is required.

Table 3.7-2. Summary of Comparative Greenhouse Gas Emissions and Traffic Conditions

Scenario/Analysis Year	Annual VMT[2]	Change in VMT (%)	$MTCO_2e$/Year[1] (% Change)
Existing Year 2023	11,370,149	N/A	4,077.94
No-Build Alternative – Opening Year 2030	11,830,965	N/A	3,416.91
No-Build Alt. 2030 Compared to Existing:		460,816 (4 %)	-661.03 (-16 %)
Build Alternative – Opening Year 2030	12,127,650	N/A	3,502.97
Build Alt. Compared to Existing:		757,501 (7 %)	-574.98 (-14 %)
Build Alt. Compared to No-Build Alt. 2030:		296,685 (3 %)	86.06 (3 %)
No-Build Alternative – Design Year 2050	12,535,722	N/A	2,964.77
No-Build Alt. 2050 Compared to Existing:		1,165,573 (10 %)	-1,113.18 (-27 %)
Build Alternative – Design Year 2050	12,860,514	N/A	3,039.72
Build Alt. 2050 Compared to Existing:		1,490,365 (13 %)	-1,308.22 (-25 %)
Build Alt. 2050 Compared to No-Build Alt. 2050:		324,792 (3 %)	74.95 (3 %)

N/A = not applicable

1. Emissions were quantified using EMFAC2021 emission factors and traffic data provided for this project and vehicle travel distances within the project area.

2. Annual VMT is derived from Daily VMT multiplied by 347. ARB methodology (ARB 2008)

Note: Design Year 2050 traffic is considered representative of Year 2050 traffic data (Kimley Horn 2023a).

Source: (AMBIENT Air Quality & Noise Consulting, 2025)

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

Less than Significant Impact. The project is consistent with the goals and objectives of AB 32 and includes relevant transportation strategies from California's 2022 Climate Change Scoping Plan. When compared to the existing condition, the project is anticipated to result in an 14 and 25 percent decrease when compared to the existing condition in $MTCO_2e$/year for 2030 and 2050

conditions, respectively. When compared to the baseline, the project is anticipated to result in a four and three percent increase in $MTCO_2e$/Year for 2030 and 2050 conditions, respectively. However, this four and three percent increase is not anticipated to substantially contribute to regional goals regarding GHG emissions and is less than project emissions in the no build scenario. Therefore, the project would result in a less than significant impact on conflicts with an applicable plan, policy, or regulation, and no mitigation is required.

3.7.5 Avoidance and Minimization Measures

No avoidance or minimization measures would be required for GHG emissions.

3.8 Hazards and Hazardous Materials

This section describes the regulatory and environmental setting for hazards and hazardous materials related to the project area and surrounding area. In addition, this section describes the potential impacts related to hazards and hazardous materials that would result from implementation of the project.

3.8.1 Regulatory Setting

The following regulatory setting is a summary of the plans, and polices that regulate hazards and hazardous materials, and that are also applicable to the project.

Federal

Comprehensive Environmental Response, Compensation, and Liability Act /Community Environmental Response Facilitation Act

U.S. Code Title 42, Chapter 103, also known as the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), grants extensive federal authority for the direct response to actual or potential hazardous substance releases that could pose risks to public health and the environment. CERCLA includes regulations regarding the management of closed and abandoned hazardous waste sites. It also assigns responsibility and liability to individuals or entities responsible for hazardous waste releases at such sites. To ensure cleanup in cases where the responsible party cannot be identified, CERCLA establishes a trust fund. Moreover, CERCLA allows for updates to the National Contingency Plan (NCP), which is detailed in Title 40, CFR, Part 300. The NCP offers the necessary guidelines and procedures for addressing hazardous substance, pollutant, and contaminant releases or potential releases. The NCP also introduces the concept of the National Priorities List. CERCLA underwent amendments through the Superfund Amendments and Reauthorization Act on October 17, 1986. The Community Environmental Response Facilitation Act (CERFA) provides the ability for the EPA to amend CERCLA to require the government, before termination of federal activities on any real property owned by the government, to identify real property where no hazardous substance was stored, released, or disposed of.

Resource Conservation and Recovery Act /Hazardous and Solid Waste Amendments

The Resource Conservation and Recovery Act (RCRA) grants the U.S. EPA the authority to regulate the entire life cycle of hazardous waste, from its generation to its disposal. This

comprehensive scope encompasses the processes of waste generation, transportation, treatment, storage, and final disposal of hazardous waste materials. Additionally, RCRA establishes a framework for the management of non-hazardous solid waste. The 1986 amendments to RCRA expanded the U.S. EPA's jurisdiction to address environmental concerns arising from Undergrounds Storage Tanks (UST) used for storing petroleum and other hazardous substances.

The Hazardous and Solid Waste Amendments (HSWA), which were enacted in 1984 as amendments to RCRA, were focused on several key objectives. These include minimizing the generation of waste, phasing out the practice of disposing of hazardous waste in landfills, and implementing corrective actions for waste releases. HSWA introduced several important provisions, such as granting the U.S. EPA enhanced enforcement powers, imposing stricter standards for the management of hazardous waste, and establishing a comprehensive program for the regulation of USTs.

Clean Air Act

FCAA of 1955 was established with the primary objective of protecting human health and the environment from emissions that pollute outdoor air. Under the FCAA, The U.S. EPA assumes responsibility for overseeing and enforcing the established minimum national standards for air quality and assigns primary responsibility to the states to assure compliance with the standards. Nonattainment areas, or areas not meeting the standards, are required to implement specified air pollution control measures. The FCAA establishes federal standards for mobile sources of air pollution, their fuels, and sources of 187 hazardous air pollutants. It also addresses the prevention of pollution in areas with clean air and protection of the stratospheric ozone layer.

Clean Water Act/Spill, Prevention, Control, and Countermeasure Rule

The CWA, formally known as the Federal Water Pollution Control Act of 1972, was established with the primary objective of restoring and preserving the overall quality and health of the United States' water bodies, encompassing their chemical, physical, and biological aspects. Under the CWA, the U.S. EPA assumes responsibility for overseeing and enforcing the Oil Pollution Prevention regulation outlined in Title 40 of the CFR, Part 112, often referred to as the " Spill Prevention, Control, and Countermeasure (SPCC) rule." This set of regulations outlines the specific requirements for facilities to develop, revise, and implement SPCC plans. Facilities are subject to SPCC regulations if they meet certain criteria, such as having an individual oil storage tank with a capacity exceeding 660 gallons, a total above-ground oil storage capacity of more than 1,320 gallons, or an underground oil storage capacity exceeding 42,000 gallons. Facilities are also subject to SPCC regulations if their location makes it reasonably likely for them to discharge oil into or onto the "navigable waters" of the U.S.

In addition to the CWA and SPCC regulations, the U.S. EPA administers other federal regulations pertinent to hazardous materials and environmental contamination. These include Title 40 CFR Chapter 1, Subchapter D, which pertains to Water Programs, and Subchapter I, which concerns Solid Wastes. More specifically, Title 40 CFR Chapter 1, Subchapter D, Parts 116 and 117 are relevant to the CWA. Part 116 establishes the reportable quantity for substances designated as

hazardous under the CWA, while Part 117 addresses the discharge of designated substances into U.S. waters when their quantities equal or exceed the reportable quantities.

Safe Drinking Water Act

The Safe Drinking Water Act (SDWA) is a federal law aimed at safeguarding the quality of drinking water throughout the Nation. This legislation pertains to all water sources that are currently used or potentially designated for drinking purposes, regardless of whether they are above ground or underground sources.

Under the SDWA, the U.S. EPA is granted the authority to set forth the essential minimum standards for the protection of tap water. Public water system owners and operators are mandated to adhere to these primary standards, which are primarily focused on ensuring the health-related safety of drinking water. The 1996 amendments to the SDWA require that the U.S. EPA thoroughly assess risks and costs and rely on the best available peer-reviewed scientific knowledge when formulating these standards.

Additionally, state governments may be authorized by the U.S. EPA to enforce these regulations, and they are often encouraged to adopt secondary standards that address issues related to water quality, even if they aren't directly tied to health concerns. Furthermore, the SDWA empowers the U.S. EPA to institute minimum standards for state programs designed to shield underground sources of drinking water from potential contamination resulting from the injection of fluids underground. This is essential for maintaining the integrity and safety of drinking water sources in the Nation.

Occupational Health and Safety Act

The Occupational Safety and Health Administration (OSHA) is dedicated to its mission of safeguarding the well-being and safety of the Nation’s workforce. It accomplishes this mission by formulating and enforcing safety and health standards, delivering training and educational resources, forging partnerships, and promoting a culture of ongoing enhancement in workplace safety and health. The staff at OSHA is responsible for creating and upholding protective regulations while also engaging with employers and employees through technical guidance and consultation programs. OSHA's safety and health standards are codified in Title 29 of the CFR, specifically in Part 1910.

Toxic Substances Control Act

The Toxic Substances Control Act (TSCA) of 1976 grants the U.S. EPA the authority to enforce various measures related to chemical substances and mixtures. These measures encompass reporting, record-keeping, testing requirements, and restrictions. TSCA generally excludes certain substances, such as food, drugs, cosmetics, and pesticides.

TSCA deals with the oversight of specific chemicals, including but not limited to polychlorinated biphenyls (PCB), asbestos, radon, and lead-based paint. It provides the U.S. EPA with several powers, including the ability to:

- Mandate pre-manufacture notification for "new chemical substances" prior to their production, as per Section 5.
- Require testing of chemicals by manufacturers, importers, and processors if risks or exposure concerns are identified, under Section 4.
- Issue Significant New Use Rules when it identifies a "significant new use" that could lead to exposures or releases of a concerning substance, in accordance with Section 5.
- Maintain the TSCA Inventory, which contains a comprehensive list of over 83,000 chemicals. New chemicals are added to this inventory as they are commercially manufactured or imported.
- Impose certification reporting and other requirements on those importing or exporting chemicals under Sections 12(b) and 13.
- Demand reporting and record-keeping from individuals or entities engaged in the manufacturing, importing, processing, and distribution of chemical substances in commerce, as outlined in Section 8.
- Require immediate reporting to the U.S. EPA, under Section 8(e), when a person discovers information indicating that a substance or mixture poses a substantial risk to health or the environment. The U.S. EPA reviews all Section 8(e) submissions and voluntary "For Your Information" submissions, which are not legally required but are often submitted by industry and public interest groups for various reasons.

Federal Insecticide, Fungicide, and Rodenticide Act

The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) is a federal law that establishes the regulation of pesticide distribution, sale, and use in the Nation. Under FIFRA, any pesticide intended for distribution or sale must first be registered (licensed) by the U.S. EPA. To gain U.S. EPA registration, pesticide applicants must demonstrate, among other requirements, that using the pesticide in accordance with specified guidelines "will not generally result in unreasonable adverse effects on the environment."

FIFRA defines "unreasonable adverse effects on the environment" as either:

- Any unreasonable risk to human health or the environment, taking into consideration the economic, social, and environmental costs and benefits associated with the use of the pesticide.
- A risk to human dietary safety resulting from residues of the pesticide found in or on food that is inconsistent with the standards established under Section 408 of the Federal Food, Drug, and Cosmetic Act.

In essence, FIFRA ensures that pesticides used in the U.S. are thoroughly evaluated and regulated to protect both the environment and human health, while also considering the broader societal and economic implications of their use.

In conjunction with the acts listed above, EO 12088, *Federal Compliance with Pollution Control Standards*, requires the implementation of essential measures to prevent and manage environmental pollution in cases where federal activities or federal facilities are engaged.

State

California Environmental Quality Act

CEQA Section 21092.6 requires land agencies to consult with lists compiled pursuant to Section 65962 of the Government Code to determine whether the project or alternatives are located on a site which is included on any list.

California Hazardous Waste Control Act

The California Hazardous Waste Control Act (CHWCA) is a critical piece of legislation governing hazardous waste management in California. Below is a description of the CHWCA's key components and relevance to this project:

1. Regulatory Framework: The CHWCA provides the regulatory framework for hazardous waste management in California. It outlines the responsibilities of the California Department of Toxic Substances Control in overseeing hazardous waste generators, transporters, treatment, storage, and disposal facilities.
2. Hazardous Waste Definitions: The act defines what constitutes hazardous waste, specifying various categories and characteristics of hazardous waste. It categorizes waste materials based on their potential harm to human health and the environment.
3. Waste Handling Requirements: CHWCA establishes specific requirements for the generation, transportation, treatment, storage, and disposal of hazardous waste. These requirements aim to ensure safe and environmentally sound management of hazardous materials.
4. Permitting and Compliance: Facilities involved in the handling of hazardous waste must obtain permits and comply with stringent regulations. The act outlines the permitting process, including requirements for facility design, monitoring, and reporting.
5. Waste Minimization and Recycling: CHWCA promotes waste minimization and recycling, aiming to reduce the generation of hazardous waste. It encourages the use of cleaner production techniques and resource conservation.
6. Liability and Enforcement: The act establishes liability for parties responsible for the generation, transportation, and disposal of hazardous waste. It also outlines enforcement mechanisms and penalties for violations, including corrective actions to address environmental damage.
7. Public Disclosure and Community Right to Know: CHWCA ensures that the public has access to information about hazardous waste facilities and the materials they handle. It mandates that facilities provide data about their operations, emissions, and risks to the surrounding community.

For a project involving hazardous materials or waste, it is crucial to assess and address potential impacts on compliance with the CHWCA. This may involve evaluating the project's potential to generate hazardous waste, addressing storage and disposal methods, and ensuring that project activities comply with the regulations. The project should also consider potential risks to public health and the environment associated with hazardous materials and detail mitigation measures if needed.

Unified Hazardous Waste and Hazardous Materials Management Regulatory Program

SB 1082, ratified in 1993, established the Unified Hazardous Waste and Hazardous Materials Management Regulatory Program (Unified Program) in California. This program consolidates six separate hazardous materials and waste programs, known as Program Elements, under a single agency known as a Certified Unified Program Agency (CUPA). The six Program Elements merged under the Unified Program are as follows:

- Hazardous Waste Generator and On-site Hazardous Waste Treatment Programs (often referred to as Tiered Permitting).
- Aboveground Petroleum Storage Tank SPCC.
- Hazardous Materials Release Response Plans and Inventory Program (commonly known as Hazardous Materials Disclosure or "Community-Right-To-Know").
- California Accidental Release Prevention Program.
- UST Program.
- Uniform Fire Code Plans and Inventory Requirements.

The primary goal of the Unified Program is to alleviate the compliance burden on businesses by unifying the previously disjointed and occasionally conflicting requirements of independently managed programs. The implementation of the Unified Program is carried out at the local government level by CUPAs. Most CUPAs are established within local environmental health or fire departments. Some CUPAs enter contractual arrangements with other local agencies, referred to as participating agencies, to jointly manage one or more Program Elements in coordination with the CUPA. The intention is to streamline and simplify the regulatory landscape for businesses while enhancing hazardous materials and waste management within the state.

California maintains a comprehensive regulatory framework for managing hazardous materials, waste, and substances. These regulations derive their authority from the HSC, and California is further authorized by the federal government to implement RCRA within the state. California law addresses various aspects of hazardous materials and waste management, including handling, storage, transportation, disposal, treatment, waste reduction, cleanup, and emergency planning for hazardous waste.

Porter-Cologne Water Quality Control Act

Please refer to Section 3.5.1 for a discussion on the Porter-Cologne Water Quality Control Act.

Code of Federal Regulations

California's regulatory framework for waste management, waste prevention, and the cleanup of contamination is further articulated in various regulations, including:

- Title 22 Division 4.5 - Environmental Health Standards for the Management of Hazardous Waste: This regulation outlines specific standards and procedures for the management of hazardous waste in California.
- Title 23 - Waters: Title 23 addresses various water-related issues and includes regulations pertaining to water quality and water resource management.
- Title 27 - Environmental Protection: Title 27 encompasses a wide range of environmental protection regulations, including those related to hazardous waste management and disposal.

Local

Ventura County Emergency Operations Plan

The County's Emergency Operations Plan provides the structure and processes that all key partner agencies within the County use to respond to, and initially recover from, a major emergency or disaster event (County of Ventura, 2021). The current plan was adopted by the Board of Supervisors at their March 1, 2022 meeting and is updated every 3 years. The plan consists of a collection of dynamic components that:

- Assign responsibility for carrying out specific actions in an emergency
- Set forth lines of authority and organizational relationships
- Specify procedures and systems to alert and notify staff, the public, protect residents and property, and request support when needed
- Identify personnel, equipment, facilities, supplies, and other resources available for use during response and recovery operations

Ventura County General Plan

The General Plan sets forth goals, policies, and programs that the County will implement to manage future growth and land uses within the County. The following hazards and hazardous materials goals and policies would apply to the project (Ventura County, 2020):

- ***Goals***
  - ***HAZ-5:*** To minimize the risk of loss of life, injury, serious illness, damage to property, and economic and social dislocations resulting from the use, transport, treatment and disposal of hazardous materials and wastes
- ***Policies***
  - **HAZ-5.1:** The County shall manage hazardous materials and waste produced by County facilities and operations in such a way that waste reduction through alternative technology

is the County's priority. If that is not possible, the County's priorities will progress from recycling and reuse, then on-site treatment, and finally disposal as the last resort.

- **HAZ-5.2:** The County shall require discretionary development involving facilities and operations which may potentially utilize, store, and/or generate hazardous materials and/or wastes be in areas that would not expose the public to a significant risk of injury, loss of life, or property damage and would not disproportionally impact Designated Disadvantaged Communities.
- **HAZ-5.3:** The County shall strive to locate and control sources of hazardous materials to prevent contamination of air, water, soil, and other natural resources.
- **HAZ-5.5:** The County shall, as part of the discretionary review process, require that hazardous wastes and hazardous materials be managed in such a way that waste reduction through alternative technology is the priority, followed by recycling and on-site treatment, with disposal as the last resort.
- **HAZ-5.7:** Applicants shall provide a statement indicating the presence of any hazardous waste on a site, prior to discretionary development. The applicant must demonstrate that the waste site is properly closed, or will be closed, pursuant to all applicable state and federal laws, before the project is inaugurated.

3.8.2 Environmental Setting

This section describes the affected environment and regulatory setting for hazards and hazardous materials related to the project area and surrounding area. In addition, this section describes the potential impacts on hazards and hazardous materials that would result from implementation of the project. The information in this section is based on the *Initial Site Assessment* (ISA) (Geocon West, 2024) prepared for the project (see **Appendix E**).

The project study area is situated in the southwestern part of the Oxnard Plain, a region characterized by its geographical boundaries. The project area is bound by the Sulphur-Santa Paula Mountains to the north, the Conejo Mountains to the east, the Santa Monica Mountains to the south, and the Pacific Ocean to the west. Point Mugu, a substantial military installation, is located south of the project area. According to the General Plan, adjacent land uses consist of Agriculture; Industrial; Commercial and Services; Transportation, Communications and Utilities; and Single-Family Residential (see **Figure 2.1-3**).

Elevations within the project area vary from 15 to 20 feet above the mean sea level (Geocon West, 2024). This elevation gradient generally slopes from west to east. The overall topography of the project area exhibits a southwestward slope, ultimately leading toward the Pacific Ocean. Widening of the roadway would require ROW and TCE from adjacent property owners, and include various improvements and features on the properties. Some features on the adjacent properties include fencing of various construction; a diesel UST; groundwater wells and pumps; paved surfaces; landscaping; agricultural chemical mixing stations; above-ground storage tanks; and various agricultural equipment.

Hazardous Waste Sites

A hazardous material is defined as a "substance or a combination of substances that, due to its concentration, physical, chemical, or infectious properties, can either (1) lead to an increase in mortality or a significant rise in severe, irreversible, or potentially reversible, incapacitating illnesses; or (2) present a substantial and immediate or potential risk to human health or the environment when improperly handled, stored, transported, disposed of, or managed in any way" (CCR Title 22, Division 4.5).

Title 22 of the CCR extends the term "hazardous substance" to encompass both hazardous materials and hazardous wastes. Hazardous materials carry the potential for causing fatalities, serious injuries, long-lasting health issues, and damage to structures, residences, and other valuable assets. These risks to both human well-being and the environment can occur during manufacturing, storage, transportation, use, or disposal.

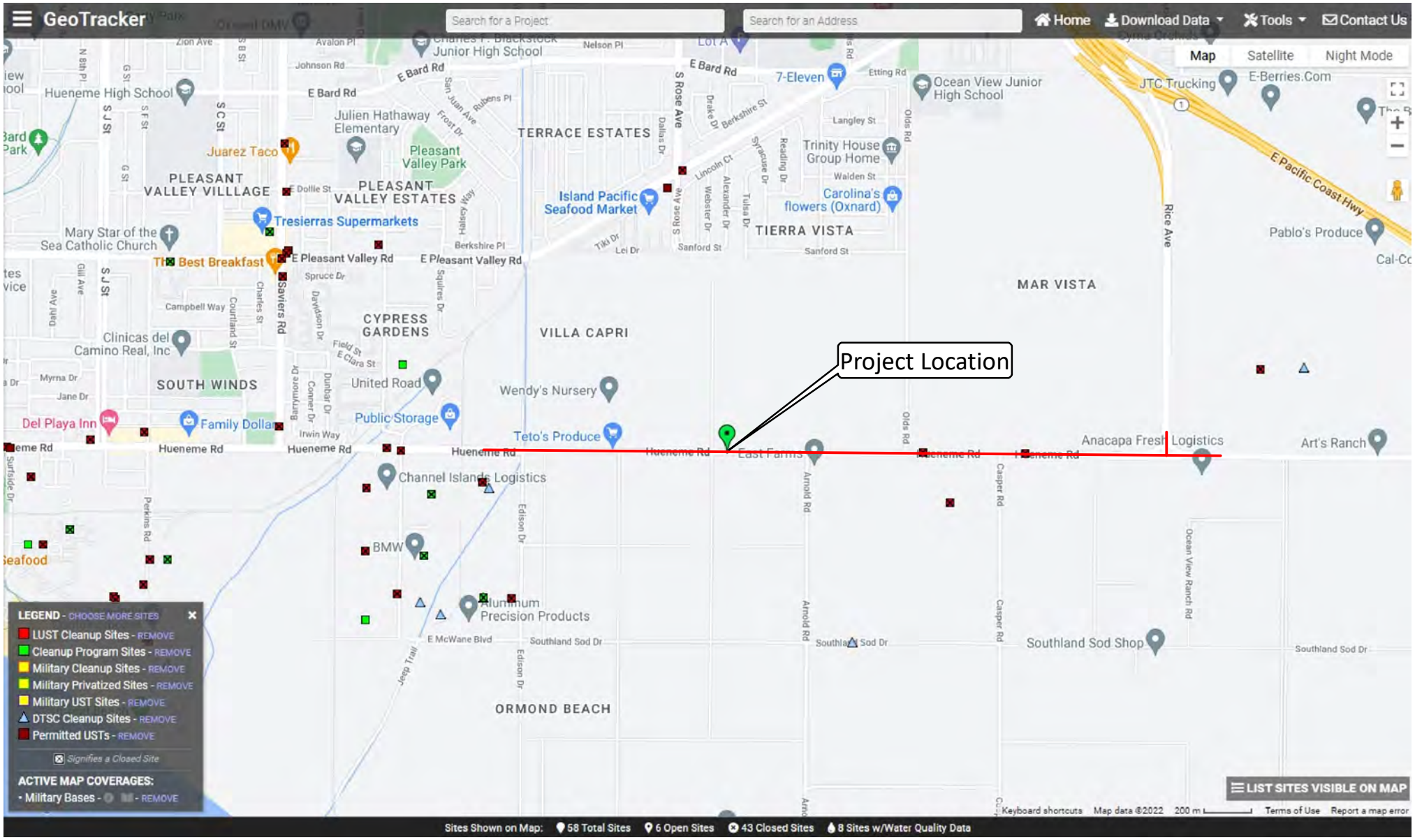
There are 58 hazardous waste sites situated within a 0.5-mile radius of the project area (see **Figure 3.8-1**). There are two Leaking Underground Storage Tank (LUST) sites within the project area. However, the status of these two LUST sites is marked as "closed" (State Water Resources Control Board, 2021). This suggests that there have been remediation efforts to address the issues associated with these LUSTs.

A record search of environmental databases was conducted in July 2023 for the project area, consistent with American Society of Test Materials (ASTM) Standard E1527-13. The purpose of this search was to identify the potential for RECs for the project area. These include 1) presence or likely presence of hazardous substances or petroleum products on the site; 2) conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures, the ground, groundwater, or surface water of the project area; and 3) issues that may have an environmental impact on the site (American Society of Test Materials, 2021). The Phase I ISA identified 10 potential RECs within and adjacent to the project area (see **Figure 3.8-2**). Of the 10 potential RECs identified in the Phase I ISA, one was identified as a potential concern, located at 2463 E Hueneme Road. A release in diesel impacted soil at this property, and the County closed the case in 2003. 36 tons of soil was excavated and removed from the property and contaminant concentration did not exceed reporting limits. The LUST would not need to be removed or relocated as part of the project.

Polychlorinated Biphenyls

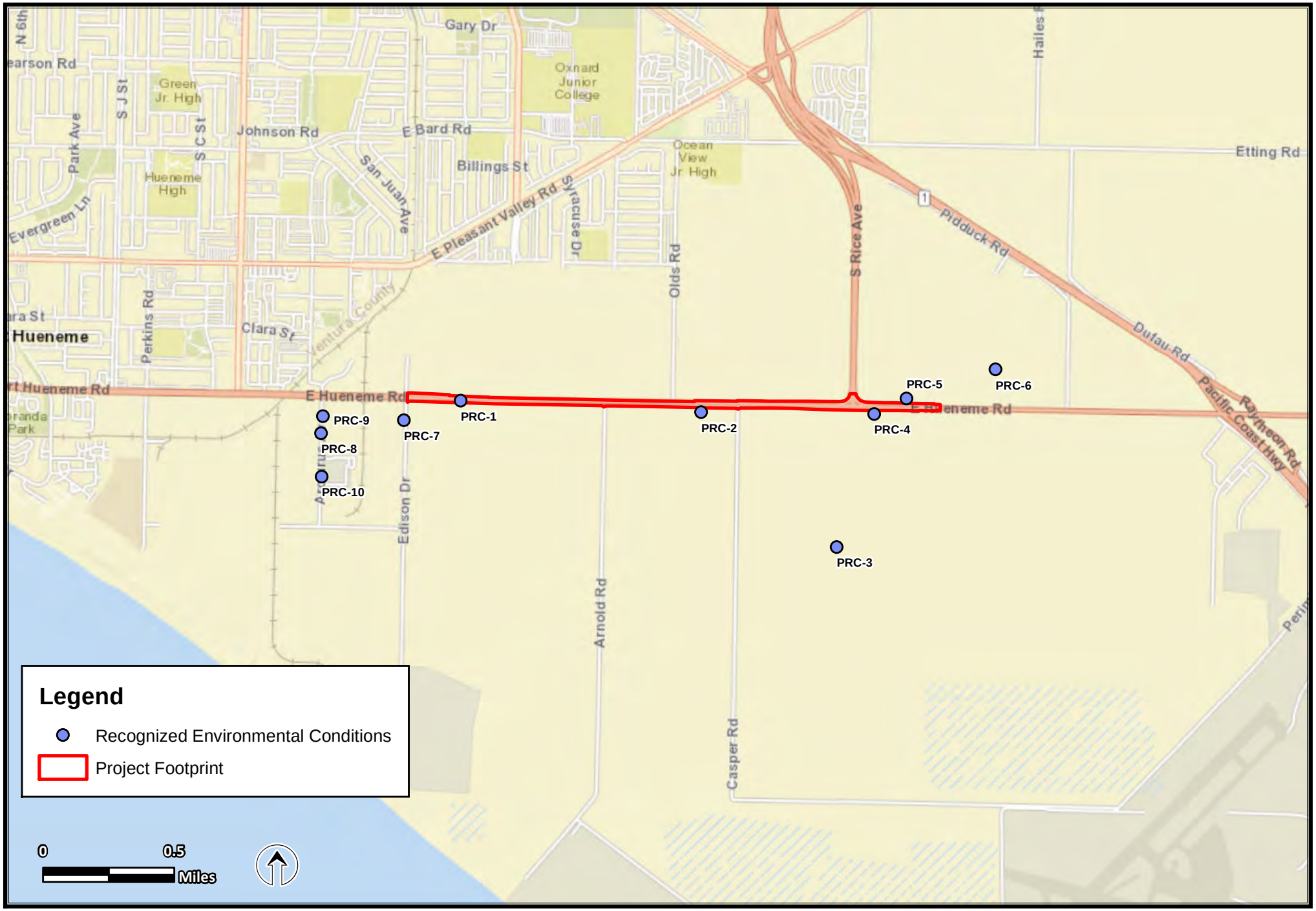
PCBs are a type of toxic chemical regulated by the TSCA. PCBs are most commonly found in electrical transformers and capacitors, air conditioning equipment, and lighting ballasts.

Soil in the vicinity of these transformers may also be contaminated with PCBs or dioxins/furans, which could result from combustion residue in the event of transformer fires. Overhead power lines, utility poles, and transformers were identified within the project area.



Sources: CA State Water Resources Control Board 2022.

Figure 3.8-1. HAZARDOUS WASTE SITES
Hueneme Road Widening Project



Source: ESRI 2025.

FIGURE 3.8-2. POTENTIAL RECOGNIZED ENVIRONMENTAL CONDITIONS
Hueneme Road Widening Project

Asbestos-Containing Materials

Structures built before 1978 have the potential to contain asbestos-containing materials (ACM). One structure within the project area was constructed prior to 1980 and may contain ACM. ACMs may also be located on power poles in wire conduits within the project area. The Phase I ISA indicates that any future testing, removal, or disturbance of ACMs should be handled in compliance with federal, state, and local regulations. In addition, licensed, qualified asbestos survey and abatement personnel should be retained prior to any demolition or renovation of subject facilities.

Aerially Deposited Lead

Aerially deposited lead (ADL) resulting from the historical use of leaded gasoline can be found along California's roadways. ADL is a byproduct of combustion engines using lead-containing fuels. Although unleaded gasoline became mandatory by the U.S. EPA in 1973, and leaded gasoline was phased out entirely for automobiles by 1996, ADL continues to be present in soil near historically busy highways and roads. This presence of lead contamination likely affects the undisturbed soil within the project area.

The distribution and concentration of ADL in soil vary due to factors such as traffic volume and the road's age. Elevated lead levels are typically within six feet of the road's edge and in the top six inches of soil but can extend deeper to two or three feet below the surface.

Lead Based Paint

Structures built before 1978 have the potential to contain lead-based paint (LBP). One structure within the project area was constructed prior to 1980 and may contain LBP. In addition, traffic striping and pavement marking residue may also contain LBP. Therefore, the Phase I ISA prepared for the project indicates that there could be LBP in the project area.

Agricultural Activities

Modern agricultural chemicals are typically used in diluted forms and, when applied correctly, tend to break down relatively quickly. However, older pesticides have the potential to linger in the soil for extended periods. Historical records suggest that properties within the project area, which have been used for agricultural purposes, such as orchards and row crops, have been in operation since the early 1900s. During various periods, persistent pesticides were applied to these farmlands. The project area contains active agricultural uses which include farmland designations including, but not limited to, Prime Farmland and Farmland of Statewide Importance within one mile of the project area, meaning there is a possibility that agricultural chemicals are present within the vicinity of the project area. Currently, there is a potential for overspray from the surrounding agricultural lands to affect the project area. This means that pesticides, herbicides, and associated metals like arsenic and lead may be present in the near-surface soils at residual concentrations within and adjacent to the project area.

Wildfires

The on-site vegetation is primarily characterized by row and closely spaced crops, with a lesser presence of herbaceous horticultural crops, herbaceous and woody developed crops, and cattail marsh. Vegetation within the project area is not as prone to ignition as other sources of fuel for wildfire.

Fire Hazard Severity Zones (FHSZ) are designated areas characterized by significant fire hazards, and these designations are established by CAL FIRE. These zones consider a variety of factors, including the type of vegetation, terrain, weather conditions, and other relevant considerations. The mapping and categorization of FHSZs are governed by specific regulations outlined in the PRC 4201-4204 and Government Code 51175-89.

FHSZs are classified with different rankings, ranging from moderate to very high, based on the assessed level of fire risk. The project area is not located within an FHSZ designation of moderate or above. This indicates that, according to CAL FIRE's assessment, the project area is in an area with a relatively low risk of significant fire hazards.

Thermoplastic Striping

Traffic striping and pavement markings applied prior to 2005 may include lead chromate pigment. Lead chromate gradually phased out in waterborne traffic paint between 1997 and 2000 and in thermoplastic striping by 2004. There is no guarantee that the striping and pavement markings applied before 2005 have entirely disappeared or worn away. As a result, traffic striping and pavement markings within the project area could possibly contain lead chromate.

Natural Gas Transmission Lines

Natural gas transmissions lines are used to transport natural gas via a network of mostly underground lines. There is an existing natural gas transmission located line beneath the west portion of the project area, approximately 300 feet east of Hueneme Road and Edison Drive.

Groundwater Wells

Groundwater wells can be conduits from the surface for contamination to enter the groundwater. Within the project area, there are six wells that would be properly abandoned in place.

3.8.3 Thresholds of Significance

The following thresholds are used to determine whether the project would result in a significant impact pursuant to CEQA. These thresholds of significance are based in general on Appendix G of the CEQA Guidelines. A hazards and hazardous materials impact is considered significant if the project would:

(a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials.

(b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment.

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

(d) Be located on a site that 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 environment.

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

(f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan.

(g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires.

3.8.4 Environmental Impacts

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

Construction Impacts

Less than Significant Impact. During the anticipated 12-month construction period, temporary activities would include the transport, storage, and utilization of various chemical agents, solvents, paints, and other hazardous materials These materials would be handled in compliance with a range of regulatory frameworks, including the RCRA, CERCLA, OSHA, CHWCA, VCAPCD, and Ventura County Fire Department Hazardous Materials Program requirements.

Construction would include the movement, utilization, and disposal of construction materials, including some that may be hazardous. The transportation of hazardous materials and waste is subject to regulation under CCR Title 26. Enforcement of federal and state regulations, as well as responses to hazardous materials transportation emergencies, are carried out by the California Highway Patrol and Caltrans. The project would be constructed in compliance with applicable laws and regulations to reduce the risks of hazardous material transportation.

Common hazardous materials used in construction, such as diesel fuel, hydraulic oil, grease, solvents, adhesives, paints, and petroleum-based products, would be utilized. Any hazardous waste or debris produced during construction would be collected and safely transported to approved off-site landfills or suitable facilities. During construction, temporary on-site storage tanks may be needed to store diesel fuel, hydraulic oil, grease, solvents, adhesives, paints, and petroleum-based products before off-site disposal. Measures **HAZ-1** through **HAZ-3**, would be implemented to reduce the risk of exposure to hazardous materials. With implementation of these measures, the project would result in a less than significant impact on the routine transport, use, or disposal of hazardous materials during construction, and no mitigation is required.

Operational Impacts

Less than Significant Impact. During operation, no new sources of hazardous waste or materials would be introduced. Hueneme Road would operate similarly to the existing condition, and all routine maintenance activities would be conducted in compliance with applicable regulations governing the use, storage, handling, transportation, and disposal of potentially hazardous materials.

There is potential for vehicles traveling along Hueneme Road to carry hazardous materials, which could lead to spills affecting the roadway, adjacent properties, or environmental resources. However, the improvements to Hueneme Road are expected to alleviate traffic congestion and improve safety. Therefore, the project would result in a less than significant impact on the routine transport, use, or disposal of hazardous materials during operation, and no mitigation is required.

(b) Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

Less than Significant Impact. A record search of environmental databases was conducted in July 2023 for the project area, consistent with ASTM Standard E1527-13. The purpose of this search was to identify the potential for RECs for the project area. These include: 1) presence or likely presence of hazardous substances or petroleum products on the site; 2) conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures, the ground, groundwater, or surface water of the project area; and 3) issues that may have an environmental impact on the site (American Society of Test Materials, 2021). A review of federal, state, and local environmental databases and field visits identified 10 potential RECs relative to the project area, with one being a potential concern, at 2463 East Hueneme Road (see **Figure 3.8-2**).

There is risk of contamination in the project area from the potential for undetected or unreported spills or leaks, and the risk of illegal dumping. During construction, there is a potential for, previously unknown or unanticipated hazardous materials to be encountered, particularly during grading and excavation activities. Measures **HAZ-1** through **HAZ-4** have been developed to minimize potential impacts associated with discovery of suspected contamination during construction. In addition, the County would coordinate with regulatory agencies overseeing ongoing cleanup actions in the project area and the project would be constructed in compliance with all relevant rules and regulations.

Agricultural Activities

A Phase II Site Investigation (SI) would be implemented to identify soils impacted by pesticides and associated metals. If soils test positive for levels of pesticides and associated metals, the project would be constructed in compliance with Caltrans Standard Specifications Section 14-11.03 to safely handle and dispose of hazardous waste (**HAZ-1**).

Asbestos-Containing Materials

The Phase I ISA indicates that any future testing, removal, or disturbance of ACMs should be handled in compliance with federal, state, and local regulations. In addition, licensed, qualified asbestos survey and abatement personnel should be retained prior to any demolition or renovation of subject facilities. A Phase II SI would be implemented to identify ACM in the structure proposed to be removed. If the structure tests positive for levels of ACM, the project would be constructed in compliance with Caltrans Standard Specifications Section 14-11.03 to safely handle and dispose of hazardous waste (**HAZ-1**).

Aerially Deposited Lead

A Phase II SI would be implemented to identify ADL impacted soils. If soils test positive for levels of ADL, the project would comply with Caltrans Standard Specifications Section 14-11.03 to safely handle and dispose of hazardous waste (**HAZ-1**).

Lead-Based Paint

Traffic striping and pavement markings applied prior to 2005 may include lead chromate pigment. All roadway striping would be treated as lead-containing for purposes of determining the applicability of the California OSHA lead standard during removal activities (**HAZ-3**). Used sandblasting materials or ground asphalt waste streams would be properly contained to develop a waste profile prior to disposal.

Utilities

While there was no release apparent during the site survey done for the ISA, if any leaking transformers are identified during construction, SCE would be contacted to check for PCBs (**HAZ-4**).

Furthermore, wooden utility pole relocation would be required during construction and may generate wood waste if the existing posts are unable to be reused. SCE would be overseeing the relocation or replacement of utility poles within the project area and would be expected to follow all state and local regulations regarding the handling of wood waste.

Natural Gas Transmission Lines

Although there is a natural gas transmission line located within the project area, it is not considered an REC but may cause conflicts during construction. The County would coordinate with the owner of the gas line prior to construction to avoid any potential conflicts.

Conclusion

Measures **HAZ-1** through **HAZ-5** would greatly reduce the risk of a release during construction. Therefore, the project would result in a less than significant impact on hazards to the public or the environment, and no mitigation is required.

(c) Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substance, or waste within one-quarter mile of an existing or proposed school?

Less than Significant Impact. The nearest school to the project area is Tierra Vista School, situated approximately 0.5 mile to the north of the project location. Project-related infrastructure and activities are not expected to emit hazardous materials or involve the handling of hazardous or acutely hazardous substances or waste within 0.25 mile of an existing school. Therefore, the project would result in a less than significant impact on hazardous materials, substances, or waste related to schools, and no mitigation is required.

(d) Would the project be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5, and, as a result, create a significant hazard to the public or the environment?

Less than Significant Impact. The REC at 2463 East Hueneme Road is regarded as an environmental concern if the UST requires removal or relocation, or if construction excavations in the vicinity of the UST encounter contaminated soil. In addition, there is potential for contamination in the project area due to unknown or unreported spills or leaks, or from illegal dumping. However, with the implementation of measure **HAZ-2,** these impacts would be minimized. Therefore, the project would result in a less than significant impact on hazardous materials sites, 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 closest public airport, Oxnard Airport, is located approximately four miles to the northwest of the project area. The project does not fall within the Airport Influence Area for Oxnard Airport (Ventura County Airport Land Use Commission, 2000). Consequently, the project is not expected to disrupt airport operations or create safety hazards for individuals residing or working within the project area. Therefore, the project would result in no impact on people residing or working in the project area.

(f) Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

Less than Significant Impact. The County's Emergency Operations Plan outlines specific response procedures in the event of an emergency situation (County of Ventura, 2021). The County's Emergency Operations Plan identifies various routes for potential evacuations, as well as routes designated for use by emergency responders. Hueneme Road is not designated as a route for emergency responders, as the County does not have pre-designated evacuation routes.

Construction-related traffic could interfere with emergency response to the project area or emergency evacuation procedures during unforeseen events. This traffic could also affect the emergency response to properties in the vicinity of the project. While the construction-related

traffic may lead to temporary delays in emergency response times, these delays are not expected to result in inadequate emergency access. The County would coordinate with emergency services before construction, and any lane closures required during construction would be temporary. The project would maintain continuous access on Hueneme Road; any traffic control implemented would, at maximum, reduce traffic to one lane temporarily, but no full closures would be required.

The project does not necessitate any permanent road closures or detours that would significantly disrupt emergency access. Although the roadway may temporarily be reduced to one open lane during construction, this is expected to be a short-term condition, and once construction is complete, emergency access is anticipated to improve following project completion. Therefore, the project would result in a less than a significant impact on emergency response and evacuation plans, and no mitigation is required.

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

No Impact. Based on the information provided in the Background Report of the General Plan and the FHSZ map published by CAL FIRE, the project area does not have a history of wildfires and is not located within a SRA classified as having a high potential for wildfires. Therefore, the project would result in no impact on wildland fires, and no mitigation is required.

3.8.5 Avoidance, Minimization and/or Mitigation Measures

HAZ-1 A Phase II Site Investigation (SI) would be conducted to determine the presence of aerially deposited lead (ADL), pesticides and associated metals (e.g. arsenic), asbestos-containing material (ACM), or lead based paint (LBP) in the project area and further investigate hazardous waste sites. If ADL, pesticides and associated metals (e.g. arsenic), ACM, or LBP are discovered, the project would comply with Caltrans Standard Specifications Section 14-11.03 to safely handle and dispose of hazardous waste.

HAZ-2 Should the underground storage tank (UST) located at 2463 East Hueneme Road require removal/relocation and/or if excavation is planned within the near vicinity of the UST, any potentially contaminated soil encountered would be properly stockpiled and characterized to develop a waste profile prior to disposal and/or reuse.

HAZ-3 All traffic striping paints would be treated as lead-containing for purposes of determining the applicability of the California Occupational Safety and Health Administration (OSHA) lead standard during removal activities. Used sandblasting materials or ground asphalt waste streams containing striping pain should be properly containerized to develop a waste profile prior to disposal.

HAZ-1 A Phase II Site Investigation (SI) would be conducted to determine the presence of aerially deposited lead (ADL), pesticides and associated metals (e.g. arsenic), asbestos-containing material (ACM), or lead based paint (LBP) in the project area and further investigate hazardous waste sites. If ADL, pesticides and associated metals (e.g. arsenic), ACM, or LBP are discovered, the project would comply with Caltrans Standard Specifications Section 14-11.03 to safely handle and dispose of hazardous waste.

HAZ-4 If leaking transformers are identified during construction, Southern California Edison (SCE) would be contacted to test for polychlorinated biphenyls (PCB) or other hazardous substance, service, replace, and/or relocate the equipment.

HAZ-5 Existing groundwater wells within the project area would be properly abandoned in accordance with regulatory permitting requirements if not planned for use.

3.9 Hydrology and Water Quality

This section describes the regulatory and environmental setting for hydrology and water quality related to the project area. In addition, this section describes the potential impacts related to hydrology and water quality that would result from project implementation.

3.9.1 Regulatory Setting

This section summarizes federal, state, and local regulations related to hydrology and water quality that are applicable to the project.

Federal

Clean Water Act

Please refer to Section 3.5.1 for a discussion on the Clean Water Act.

Clean Water Act Section 404

Please refer to Section 3.5.1 for a discussion on the Clean Water Act Section 404.

Clean Water Act Section 402

Please refer to Section 3.5.1 for a discussion on the Clean Water Act Section 402.

Clean Water Act Section 401

Please refer to Section 3.5.1 for a discussion on the Clean Water Act Section 401.

State

Porter-Cologne Water Quality Control Act

Please refer to Section 3.5.1 for a discussion on the Porter-Cologne Water Quality Control Act.

National Pollutant Discharge Elimination System Permit

Section 402(p) of the CWA requires the issuance of NPDES permits for five categories of stormwater dischargers, including the Municipal Separate Storm Sewer System (MS4). The U.S. EPA defines an MS4 as "any conveyance or system of conveyances (roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, human-made channels, and storm drains) owned or operated by a state, city, town, county, or other public body having jurisdiction over stormwater, that are designed or used for collecting or conveying stormwater."

Construction General Permit

The Construction General Permit (CGP) (NPDES No. CAS000002, SWRCB Order No. 2022-0057-DWQ, was adopted on September 8, 2022) and effective on September 1, 2023. The permit regulates stormwater discharges from construction sites which result in a Disturbed Soil Area of one acre or greater, and/or are smaller sites that are part of a larger common plan of development.

- For all projects subject to the CGP, the applicant is required to hire a Stormwater Pollution Prevention Plan (SWPPP) Qualified Stormwater Developer to develop and implement an effective SWPPP. A Qualified Stormwater Practitioner may be hired as well to assist in field work. All Project Registration Documents, including the SWPPP, Risk Level Determinations, site map and post-construction treatment documents are required to be uploaded into the SWRCB's on-line Stormwater Multiple Application and Report Tracking System (SMARTS). A Waste Discharge Identification Number is issued within 10 business days after the State Waterboard receives a complete Notice of Intent (NOI) package.
- The 2022 CGP requires post-construction treatment permit registration documents to be submitted in SMARTS with the NOI to include: (1) An attachment or web-source containing the NPDES MS4 post-construction requirements; and (2) the post-construction plans and calculations (Preliminary post-construction plans and calculations may be submitted as a Permit Registration Document, as long as the approved plans and calculations are submitted within 14 days of approval by the municipal stormwater permittee, through a Change of Information in SMARTS). Additionally, a Change of Information in SMARTS must be submitted for any revisions to post-construction plans and calculations prior to submitting the Notice of Termination (NOT).

Risk Level Inspection and Sampling Requirements

The CGP contains a risk-based permitting approach by establishing three levels of risk possible for a construction site. Risk levels (RL) are determined during the planning, design, and construction phases, and are based on project risk of generating sediments and receiving water risk of becoming impaired. Requirements apply according to the RL determined, with additional monitoring and reporting requirements for higher risk projects with detailed requirements listed in Attachment D of the CGP. Requirements include:

- Visual inspections weekly, prior to Qualifying Precipitation Events (QPE), during QPEs (every 24 hours) and post QPEs. A QPE is defined as a forecasted 50 percent probability of

precipitation of 0.5 inch or more within a 24-hour period and continues on subsequent 24-hour periods when 0.25 inch or more is forecast.

- RL 2 and 3 projects have sampling requirement for pH and Turbidity.
- Additionally, sampling for Numeric Action Levels and Numeric Effluent Limits is required for all risk level projects for Total Maximum Daily Load-related non-visible pollutants listed in Attachment H of the CGP, if there is a discharge due to failure to implement a BMP, a container spill or leak, or a BMP breach or malfunction.

Regional

Los Angeles Regional Water Quality Control Board Basin Plan

Section 13240 of the Porter-Cologne Water Quality Control Act requires each RWQCB to formulate and adopt water quality control plans, or basin plans, for all areas within the region. Water quality in the project area is regulated by the Los Angeles RWQCB through the *Water Quality Control Plan* (Basin Plan) (California Regional Water Quality Control Board, Los Angeles Region, 2020).

The Basin Plan lists the beneficial uses of surface waters and groundwaters in the region. Beneficial uses are uses that may be protected against quality degradation. These uses include and are not limited to municipal and domestic (MUN), agricultural (AGR), and industrial process (PROC), and industrial service (IND) supply; power generation; recreation; aesthetic enjoyment; navigation; and preservation and enhancement of fish, wildlife, and other aquatic resources or preserves. The beneficial uses of surface waters and groundwaters in the basin are designated in the water quality control plans.

The Basin Plan also includes water quality objectives, which are the limits or levels of water quality constituents or characteristics. These objectives are for the reasonable protection of beneficial uses of water or the prevention of nuisance, such as injurious to health, offensive to the senses, or interfere with the enjoyment of life or property, within a specific area.

Local

Ventura County Watershed Protection District Encroachment Permit

The Ventura County Watershed Protection District (VCWPD) provides for the control and conservation of flood and stormwaters, and for the protection and maintenance of watercourses, watersheds, and life and property within VCWPD jurisdiction from damage or destruction from storm flows or flooding (Ventura County Public Works, 2019). An encroachment permit is required from the VCWPD for any grading work that would be conducted within a channel under VCWPD jurisdiction.

Ventura County General Plan

The General Plan sets forth goals, policies, and programs that the County will implement to manage future growth and land uses within the County. The following Water Resources goals and policies would apply to the project (Ventura County, 2020):

- ***Goals:***
  - **WR-1:** To effectively manage the water resources of the County by adequately planning for the development, conservation, and protection of water resources for present and future generations.
  - **WR-3:** To promote efficient use of water resources through water conservation, protection, and restoration.
  - **WR-4:** To maintain and restore the chemical, physical, and biological integrity and quantity of groundwater resources.
  - **WR-5:** To protect and, where feasible, enhance watersheds and aquifer recharge areas through integration of multiple facets of watershed-based approaches.
- ***Policies:***
  - ***WR-1.1:*** The County should encourage water suppliers, groundwater management agencies, and groundwater sustainability agencies to inventory and monitor the quantity and quality of the county's water resources, and to identify and implement measures to ensure a sustainable water supply to serve all existing and future residents, businesses, agriculture, government, and the environment.
  - **WR-3.1:** The County shall encourage the use of non-potable water, such as tertiary treated wastewater and household graywater, for industrial, agricultural, environmental, and landscaping needs consistent with appropriate regulations.
  - **WR-3.3:** The County shall require discretionary development to incorporate low impact development design features and best management practices, including integration of stormwater capture facilities, consistent with County's Stormwater Permit.
  - **WR-4.2:** In areas identified as important recharge areas by the County or the applicable Groundwater Sustainability Agency, the County shall condition discretionary development to limit impervious surfaces where feasible and shall require mitigation in cases where there is the potential for discharge of harmful pollutants within important groundwater recharge areas.
  - **WR-4.5:** The County shall require that discretionary development shall not significantly impact the quantity or quality of water resources within watersheds, groundwater recharge areas or groundwater basins.

3.9.2 Environmental Setting

This section describes the affected environment and regulatory setting for hydrology and water quality related to the project area and surrounding area. In addition, this section describes the potential impacts on hydrology and water quality that would result from implementation of the project. The analysis in this section is based on the *Hydrology Study Report* (Kasraie Consulting, 2024), and the *Water Quality Assessment* Report (GPA Consulting, 2023) prepared for the project (see **Appendix F** and **Appendix G**).

Watershed

The project area is within the Mugu Lagoon sub watershed (HUC 180701030201), itself part of the greater Calleguas Creek watershed (HUC 18070103). Major tributaries to Calleguas Creek include Revolon Slough, Arroyo Las Posas, Arroyo Conejo, Conejo Creek, Arroyo Santa Rosa, and Arroyo Simi (see **Figure 3.9-1**) (Ventura County Public Works Agency Watershed Protection Distric, 2023).The Santa Susana Mountains, South Mountain, and Oak Ridge Mountains form the northern boundary of the watershed, and the Simi Hills and Santa Monica Mountains mark the southern boundary. The watershed, which drains 343 square miles in the southern portion of the County and a small portion of western Los Angeles County, outlets into the Pacific Ocean through Mugu Lagoon, one of the few remaining significant saltwater wetland habitats in southern California (California Regional Water Quality Control Board, Los Angeles Region, 2002).

Water Quality and Beneficial Uses

Beneficial uses establish and maintain or enhance water quality standards for different water channels. The designated inland surface water beneficial uses for the Mugu Lagoon sub watershed and the associated side channels (Coastal Watersheds of Los Angeles and Ventura Counties) are Navigation (NAV), Commercial and Sport Fishing (COMM), Estuarine Habitat (EST), Marine Habitat (MAR), Wildlife Habitat (WILD), Preservation of Biological Habitats (BIOL), Rare, Threatened, or Endangered Species (RARE), Migration of Aquatic Organisms (MIGR), Spawning, Reproduction, and/or Early Development (SPWN), Shellfish Harvesting (SHELL), and Wetland Habitat (WET).

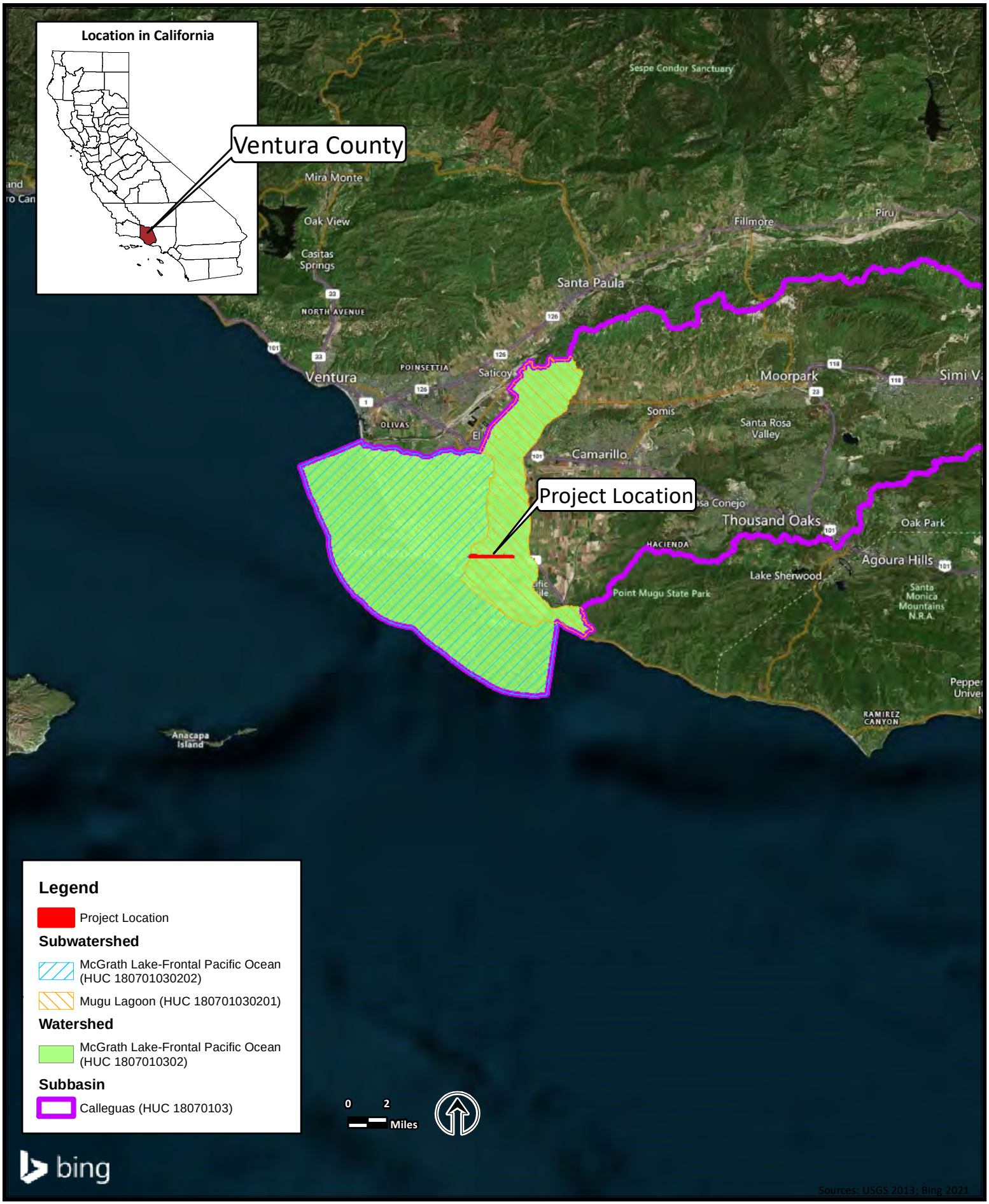
Regional Groundwater Hydrology

The project area is within the Santa Clara River Valley Groundwater Basin (Basin) – Oxnard (California Regional Water Quality Control Board, 2019). The Basin is approximately 57,888 acres in size with approximately 1,141 wells of which approximately 68 are water supply wells. The Oxnard subbasin adjoins the Mound and Santa Paula Subbasins and is defined by the Oak Ridge fault. Existing beneficial uses for the basin from the Los Angeles RWQCB are industrial supply, industrial process supply, agricultural supply, groundwater recharge, freshwater replenishment, warm freshwater habitat, cold freshwater habitat, wildlife habitat, rare, threatened, or endangered species, migration of aquatic organisms, and wetland habitat. Municipal and domestic supply is designated as a potential beneficial use. (Los Angeles Regional Water Quality Control Board, 2014).

Local Groundwater Hydrology

Geology and Soils

The project area is located in a region underlain by Camarillo Sandy Loam, 0 to 2 Percent Slopes, Camarillo Loam 0 to 2 Percent Slopes, Camarillo Loam, Loamy Substratum, 0 to 2 Percent Slopes, and Hueneme Loamy Fine Sand, 0 to 2 Percent Slopes (National Resources Conservation Service, 2019).



Sources: USGS 2012; Bing 2023

FIGURE 3.9-1. WATERSHED MAP
Hueneme Road Widening Project

Floodplain

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map Panel 06111C0918F and Panel 06111C0919F, the project area is located within Zone X (Federal Emergency Management Agency, 2021). Shaded Zone X areas are areas that have a 0.2 percent annual chance of flood, areas of one percent annual chance of flood with average depths of less than one foot or with drainage areas less than one square mile, and areas protected by levees from one percent annual chance of flood (see **Figure 3.9-2**).

A Hydrology Memorandum was prepared for the project to document the waterways and drainage features (Kasraie Consulting, 2024). Field observations were conducted and indicate that the hydrological contribution within the project area is primarily by irrigation runoff and precipitation. Flows are conveyed from north to south and are captured in a drainage ditch located on the north side of Hueneme Road. Once the drainage ditch overflows, water sheet flows onto adjacent parcels to the south of Hueneme Road. This occasionally causes flows that flood Hueneme Road (GPA Consulting, 2023).

Surface Waters

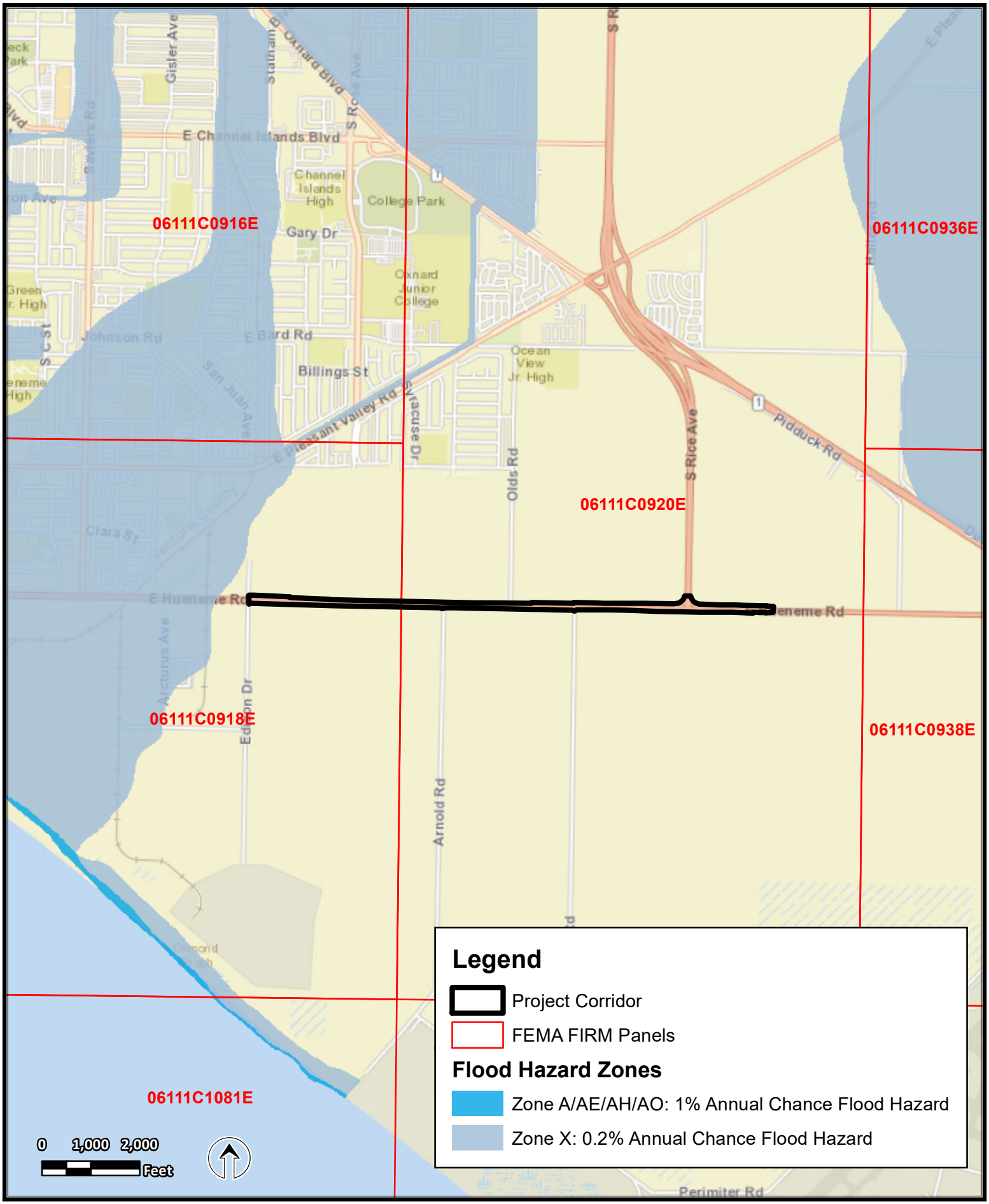
The project area lies within the Oxnard Plain, which supports many agricultural fields that drain into ditches. These agricultural ditches either enter the Mugu Lagoon directly, through Calleguas Creek and its tributaries, or drain into tile drain systems which then discharge to drains or creeks. A general assessment of the agricultural drainages adjacent to Hueneme Road included visual surveys and documentation of drainage features. Physical characteristics of drainage features such as width, flow conditions, and vegetation within the features were noted. Locations of structures associated with drainages, such as culverts, were noted, photographed, and recorded using sub-meter Global Positioning System. 11 drainage features and one freshwater marsh (cattail marsh) were observed within the project area (see **Figure 3.5-3**). These features drain to one of four culverts which discharge into the stormwater conveyance system. There is one culvert on Edison Drive, directing flow west towards Hueneme Road, one at Arnold Road that directs flow south, one at Olds Road which directs flow south, and one east of Rice Road which directs flow to Mugu Drain.

Drainage Feature 1

Drainage Feature 1 is a box culvert west of East Farms, a private business at 1850 Hueneme Road, and south of Hueneme Road. The drainage flows north to south on Arnold Road. A pump was observed on Hueneme Road that pumps water south to a pipe and into Drainage Feature 1. Because its purpose is to convey runoff from agricultural irrigation, Drainage Feature 1 likely does not convey relatively permanent flows.

Drainage Feature 2

Drainage Feature 2 is a concrete pipe culvert at the intersection south of Olds Road and Hueneme Road. This drainage feature flows east to west for approximately 80 feet, before turning south into an agricultural field along a row of Lombardy poplars. Because its purpose is to convey runoff from agricultural irrigation, Drainage Feature 2 likely does not convey relatively permanent flows.



Sources: FEMA 2010; ESRI 2022.

FIGURE 3.9-2. FEMA FLOOD ZONES
Hueneme Road Widening Project

Drainage Feature 3

Drainage Feature 3 (Mugu Drain) is an unlined agricultural drainage near mile marker 266 adjacent to 3250 Hueneme Road and east of Rice Avenue. This drainage feature originates north of the project area, traverses under Hueneme Road and daylights south of Hueneme Road, flows underground again within private property for approximately 30 feet south, then daylights again. Because its purpose is to convey runoff from agricultural irrigation, Drainage Feature 3 likely does not convey relatively permanent flows.

Drainage Feature 4

Drainage Feature 4 is an unlined roadside drainage at the eastern end of the project area, north of Hueneme Road, and flows east to west, parallel to Hueneme Road. This drainage feature connects to Drainage Feature 3. Because its purpose is to convey runoff from agricultural irrigation, Drainage Feature 4 likely does not convey relatively permanent flows.

Drainage Feature 5

Drainage Feature 5 is an unlined roadside drainage that begins west of Rice Avenue, undergrounds below Rice Avenue, and continues to flow west to east parallel to Hueneme Road. Drainage 5 terminates where it joins Drainage Feature 3. Because its purpose is to convey runoff from agricultural irrigation, Drainage Feature 5 likely does not convey relatively permanent flows.

Drainage Feature 6

Drainage Feature 6, in an unlined agricultural drainage located east of Rice Avenue and north of Hueneme Road. This drainage feature flows north to south and drains into Drainage Feature 5. Drainage Feature 6 is located west of 3121 Hueneme Road. Because its purpose is to convey runoff from agricultural irrigation, Drainage Feature 6 likely does not convey relatively permanent flows.

Drainage Feature 7

Drainage Feature 7 is an unlined agricultural drainage northeast of Casper Road and Hueneme Road. Drainage Feature 7 appears to flow east to west and terminates near Laubacher Berry Farms. Because its purpose is to convey runoff from agricultural irrigation, Drainage Feature 7 likely does not convey relatively permanent flows.

Drainage Feature 8

Drainage Feature 8 is an unlined roadside drainage on the northeast corner of the Olds Road and Hueneme Road intersection. This drainage feature flows roughly north to south and passes beneath Hueneme Road to connect with Drainage Feature 2 on the south side of Hueneme Road. Because its purpose is to convey runoff from agricultural irrigation, Drainage Feature 8 likely does not convey relatively permanent flows.

Drainage Feature 9

Drainage Feature 9 is an unlined roadside drainage on the northwest corner of the Olds Road and Hueneme Road intersection. Drainage Feature 9 flows east to west and connects to Drainage

Feature 1 north of Arnold Road. Because its purpose is to convey runoff from agricultural irrigation, Drainage Feature 9 likely does not convey relatively permanent flows.

Drainage Feature 10

Drainage Feature 10 is an unlined agricultural drainage approximately 0.25 mile west of Drainage Feature 1. This drainage feature flows north to south. Because its purpose is to convey runoff from agricultural irrigation, Drainage Feature 10 likely does not convey relatively permanent flows.

Drainage Feature 11

Drainage Feature 11 is an unlined roadside drainage located northeast of the Edison Drive and Hueneme Road intersection, with flows running east to west. Because its purpose is to convey runoff from agricultural irrigation, Drainage Feature 11 likely does not convey relatively permanent flows.

Cattail Marsh

A small cattail marsh (drainage basin) was observed just east of Teto's Produce stand at 1531 East Hueneme Road, Oxnard, CA 93033. Obligate and facultative wetland plants including bulrushes (*Schoenoplectus* spp.) and nutsedges (*Cyperus* spp.) were observed within the ponded area. A pipe was located east of this wetland which appears to contribute flows to the marsh; this feature does not appear to convey flows. This feature is wholly constructed in uplands and would likely revert to upland if irrigation ceased.

3.9.3 Thresholds of Significance

The following thresholds are used to determine whether the project would result in a significant impact pursuant to CEQA. These thresholds of significance are based in general on Appendix G of the CEQA Guidelines. A hydrology and water quality impact is considered significant if the project would:

(a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality;

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

(c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:

  (i) result in a substantial erosion or siltation on- or off-site;

  (ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;

  (iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or

(iv) impede or redirect flood flows;

(d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation;

(e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan;

3.9.4 Environmental Impacts

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

Less Than Significant Impact. During construction, work within and adjacent to existing drainage features would have the potential to degrade water quality. There is potential that exposed soils, construction debris, and other pollutants could be carried in storm water runoff and discharged into these features. However, the project would be constructed in compliance with the requirements of the CGP, which would require implementation of protective measures to minimize erosion and prevent construction debris and other materials from entering the drainages during construction. In addition, measures **BIO-1** to **BIO-6** (see Section 3.5.5) would be implemented to further reduce the potential for pollutant runoff into drainages, and the project would be conducted in compliance with applicable regulatory permits. Impacts would not result in a permanent change in water quality of these drainage features. With implementation of BMPs and proposed measures, the project would result in less than significant impact on water quality and stormwater runoff during construction, and no mitigation is required.

Implementation of the project would result in an increase of approximately 7.78 acres of impervious surface area, resulting in increased surface runoff. Surface runoff from increased impervious surface would either enter the relocated drainage ditch to the north, or sheet flow over the existing roadway to adjacent parcels to the south, which matches the existing condition. The widened roadway could result in additional pollutant levels in runoff.

To improve stormwater capture and comply with Ventura County's MS4 Permit (Order R4-2021-0105, effective September 11, 2021), and as part of the drainage ditch relocation, an earthen trapezoidal channel will be constructed along the north side of Hueneme Road, between Rice Avenue and Arnold Road. The channel is designed to intercept and convey runoff from a four percent probability (25-year) design storm. This improvement hydraulically links Drainages 7 through 10 to Drainage 1 (see **Figure 3.5-3**).

The channel will be constructed with a nearly flat longitudinal slope (<0.1%), promoting natural stormwater attenuation and filtration. The low gradient encourages slow flow velocities, allowing sedimentation, infiltration, and pollutant removal through vegetative and soil interaction. Concrete check dams will be installed at 100-foot intervals to stabilize the channel profile and facilitate future maintenance activities. Excavation will occur between each check dam to create localized depressions that retain stormwater volume, offsetting the hydrologic impact of added impervious area.

Relocation of drainages, drainage pipes, drainage inlets, and culvert extensions would result in permanent impacts on approximately 0.01 acre of non-wetland waters potentially under RWQCB

jurisdiction and approximately 0.02 acre potentially under CDFW jurisdiction (GPA Consulting, 2023). However, following construction the relocated drainages would continue to provide the same functions for roadway runoff and agricultural uses. Therefore, the project would result in a less than significant impact on water quality and stormwater runoff during operation, and no mitigation is required.

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

Less Than Significant Impact. Given the low depth of excavation, groundwater is not anticipated to be encountered during instruction; therefore, the project would result in no impact on groundwater supplies or groundwater recharge during construction, and no mitigation is required.

Widening of the roadway would result in approximately 339,000 square feet of increased impervious surface area; the additional surface runoff would drain as it does now, either into the existing/relocated roadside drainages, or onto adjacent private farmlands. The surface runoff resulting from increased impervious surface would either enter the relocated drainage ditch to the north, or sheet flow over the existing roadway to adjacent parcels to the south, which matches the existing condition. Therefore, the project would result in a less than significant on groundwater supply and recharge, and no mitigation is required.

(c) Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:

(i) Would the project result in substantial erosion or siltation on- or off-site;

Less Than Significant Impact. An increase in impervious surfaces could increase the velocity of storm water drainage, which could result in increased erosion or siltation. However, the project would be designed to reduce erosion and siltation to the maximum extent feasible. In addition, the project would be conducted in accordance with applicable water quality regulations and regulatory permits and measures **BIO-1** through **BIO-3** (see Section 3.5.5) would be implemented to reduce the risk of erosion in the project area. Therefore, the project would result in a less than significant impact on soil erosion, and no mitigation is required.

(ii) Would the project substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;

Less than Significant Impact. There are multiple waterways in the project area, including 11 drainage features and a small cattail marsh. Widening the roadway would result in approximately 339,000 square feet of increased impervious surface area. Runoff would be expected to continue to flow into roadside drainages and, once drainages are full, continue to sheet flow across the existing road and onto adjacent parcels to the south, which matches the existing condition. However, with the implementation of BMPs and measures **BIO-1** to **BIO-6** (see Section 3.5.5), temporary and long-term operational impacts on runoff water would be substantially minimized.

Therefore, the project would result in a less than significant impact on surface runoff, and no mitigation is required.

(iii) Would the project 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

Less Than Significant Impact. See discussion in response (c.ii) above.

(iv) Would the project impede or redirect flood flows?

No Impact. Widening the roadway would result in approximately 339,000 square feet of increased impervious surface area. The surface runoff resulting from increased impervious surface would either enter the relocated drainage ditch to the north, or sheet flow over the existing roadway to adjacent parcels to the south, which matches the existing condition. In addition, the capacity of the channels is not expected to increase as part of the project (Kasraie Consulting, 2024). However, the project would comply with the County's MS4 requirements. Therefore, the project would have no impact on flood hazards, and no mitigation is required.

(d) Would the project in flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?

No Impact. As discussed above in response (c.iv) the project is not located within a flood hazard area. Additionally, the project is not located in a tsunami or seiche zone. Therefore, the project would result in no impact on risk release of pollutants due to project inundation, and no mitigation is required.

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

Less Than Significant Impact. Relocation of drainages, drainage pipes, drainage inlets, and culvert extensions would result in permanent impacts on approximately 0.01 acre of non-wetland waters potentially under RWQCB jurisdiction and approximately 0.02 acre potentially under CDFW jurisdiction. With the implementation of BMPs and measures **BIO-1** to **BIO-6**, temporary construction impacts would be substantially minimized. In addition, the project would be conducted in compliance with applicable water quality regulations and required regulatory permits to minimize impacts related to jurisdictional waters. Therefore, the project would result in a less than significant impact on water quality plans, and no mitigation is required.

3.9.5 Avoidance and Minimization Measures

Measures **BIO-1** through **BIO-6** would be implemented to avoid or minimize adverse effects on water quality within the drainages and marsh during construction.

3.10 Noise

This section identifies and evaluates the potential impacts of the project on noise. The chapter includes a discussion of the existing noise setting, construction-related noise impacts resulting from grading and equipment, direct and indirect impacts associated with operations of the project,

the impacts of these impacts on the community, and avoidance and minimization measures warranted to reduce or eliminate any identified significant impacts.

3.10.1 Regulatory Setting

This section summarizes federal, state, and local regulations related to noise that are applicable to the project.

State

California Streets and Highways Code, Section 216

Section 216 of the California Streets and Highways Code relates to the noise effects of a proposed freeway project on public and private elementary and secondary schools. Under this code, a noise impact occurs if, as a result of a proposed freeway project, noise levels exceed 52 dBA Leq(h) in the interior of public or private elementary or secondary classrooms, libraries, multipurpose rooms, or spaces. This requirement does not replace the "approach or exceed" Noise Abatement Criterion (NAC) for

If a project results in a noise impact under this code, noise abatement must be provided to reduce classroom noise to a level that is at or below 52 dBA Leq(h). If the noise levels generated from freeway and roadway sources exceed 52 dBA Leq(h) prior to the construction of the proposed freeway project, then noise abatement must be provided to reduce the noise to the level that existed prior to construction of the project.

Local

Ventura County General Plan

The General Plan sets forth goals, policies, and programs that the County will implement to manage future growth and land uses within the County. The following noise goals and policies would apply to the project (Ventura County, 2020):

- ***Goals***
  - **HAZ-9:** To protect the health, safety, and general welfare of County residents by elimination or avoidance of adverse noise impacts on existing and future noise sensitive uses.
- **Policies**
  - **HAZ-9.1:** The County shall prohibit discretionary development which would be impacted by noise or generate project-related noise which cannot be reduced to meet the standards prescribed in Policy HAZ-9.2. This policy does not apply to noise generated during the construction phase of a project.
  - **HAZ-9.2:** All discretionary development shall be reviewed for noise compatibility with surrounding uses. Noise compatibility shall be determined from a consistent set of criteria based on the standards listed below. An acoustical analysis by a qualified acoustical engineer shall be required of discretionary developments involving noise exposure or noise generation in excess of the established standards. The analysis shall provide

documentation of existing and projected noise levels at on-site and off-site receptors and shall recommend noise control measures for mitigating adverse impacts.

- **HAZ-9.7:** The priorities for noise control shall be as follows:
    1) Reduction of noise emissions at the source.
    2) Attenuation of sound transmission along its path, using barriers, landforms modification, dense plantings, and the like.
    3) Rejection of noise at the reception point via noise control building construction, hearing protection or other means.

The County of Ventura General Plan states noise-generating facilities constructed near noise sensitive receivers shall not generate outdoor noise levels at nearby sensitive receivers exceeding the following standards, as measured at the exterior wall of the building:

- Leq[1H] of 55 dBA or ambient noise level plus 3 dBA, whichever is greater, during any hour from 6:00 a.m. to 7:00 p.m.
- Leq[1H] of 50 dBA or ambient noise level plus 3 dBA, whichever is greater, during any hour from 7:00 p.m. to 10:00 p.m.
- Leq[1H] of 45 dBA or ambient noise level plus 3 dBA, whichever is greater, during any hour from 10:00 p.m. to 6:00 a.m.

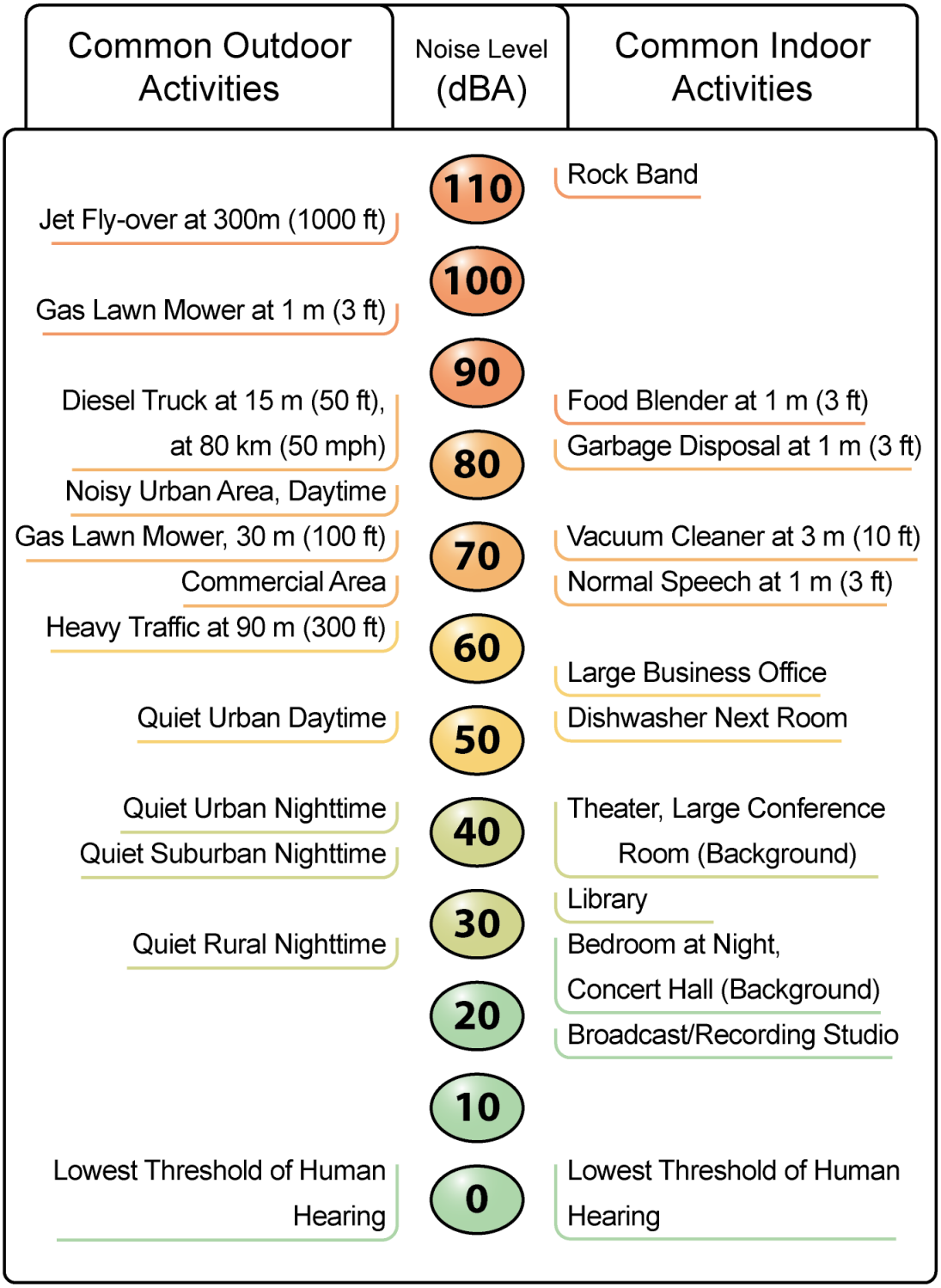
3.10.2 Environmental Setting

This section describes the affected environment and regulatory setting for noise related to the project area and surrounding area. In addition, this section describes the potential on noise that would result from implementation of the project. The information in this section is based on the *Noise Study Report* (see **Appendix H**) (AMBIENT Air Quality & Noise Consulting, 2025).

A field investigation was conducted by AMBIENT Air Quality & Noise Consulting, LLC on March 19, 2024, to identify land uses that could be subject to traffic and construction noise impacts from the project. In addition to existing land uses described in Chapter 2, Residential Dwelling, Commercial Office, and Agriculture, Utility, Warehouse are the land uses identified within the project area that may be subject to traffic and construction noise impacts. The noise levels included in the Noise Study Report were based on a build year of 2050 and are compared to the existing conditions for this analysis.

Although all developed land uses are evaluated in this analysis, noise abatement is only considered for areas of frequent human use that would benefit from a lowered noise level. Accordingly, this impact analysis focuses on locations with defined noise-sensitive outdoor activity areas. Examples of outdoor activity areas include residential backyards and common use areas at multi-family residences (see **Figure 3.10-1**). The terrain in the project area is generally flat and existing developed land uses are located at elevations that are roughly equivalent to adjacent roadways. No outdoor areas of frequent human use or undeveloped lands that are currently permitted for future development have been identified in the project area (see **Figure 2.1-3**).

Figure 3.10-1. Noise Levels of Common Activities



Existing Noise Environment

The Noise Study Report indicated that existing noise volume levels are in the range of 65 to 67 dBA L_{eq}(h) at residences in the Residential land uses category. In addition, locations in the Commercial Office land use are predicted to be 63 dBA L_{eq}(h), and 61 to 67 dBA L_{eq}(h) for Agriculture, Utility Warehouse.

Future Noise Environment

The Noise Study Report indicated that noise volume levels in the design year 2050 without the project is predicted to be in the range of 65 to 67 dBA L_{eq}(h) at residences in the Residential land uses category. In addition, locations in the Commercial Office land use are predicted to be 63-64 dBA L_{eq}(h), and 61 to 67 dBA L_{eq}(h) for Agriculture, Utility Warehouse.

The Noise Study Report indicated that noise volume levels in the design year 2050 with the project are predicted to be in the range of 64 to 66 dBA L_{eq}(h) at residences in the Residential land uses category. In addition, locations in the Commercial Office land use are predicted to be 65-66 dBA L_{eq}(h), and 63 to 67 dBA L_{eq}(h) for Agriculture, Utility Warehouse.

3.10.3 Thresholds of Significance

The following thresholds are used to determine whether the project would result in a significant impact pursuant to CEQA. These thresholds of significance are based in general on Appendix G of the CEQA Guidelines. A noise impact is considered significant if the project would:

(a) Generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies;

(b) Generate excessive groundborne vibration or groundborne noise levels;

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

3.10.4 Environmental Impacts

(a) Would the project result in the 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. Under CEQA, the baseline noise level is compared to the build noise level. During construction, there may be a temporary increase in noise levels from construction equipment. County thresholds require that noise-generating facilities do not exceed L_{eq}(h) of 55 dBA or ambient noise plus three dBA, whichever is greater, between the hours of 6:00 a.m. and 7:00 p.m. Typical construction equipment also generates noise that could be audible to nearby land uses (see **Table 3.10-1**). Construction noise impacts would be short-term,

intermittent, and overshadowed by local traffic noise. In addition, the project would be constructed in compliance with applicable standards, such as Caltrans Standards Specification Section 14-8.02, which would minimize noise impacts in the project area (**NOI-1**). Therefore, the project would result in a less than significant impact on noise during construction, and no mitigation is required.

Table 3.10-1. Typical Construction Equipment Noise Levels

Equipment	Maximum Noise Level (dBA at 50 feet)
Scrapers	89
Bulldozers	85
Heavy Trucks	88
Backhoe	80
Pneumatic Tools	85
Vibratory Pile Driver	101
Concrete Pump	82

Source: (Federal Transit Adminisration, 2018)

During operation, as mentioned in Section 3.10.2, future L_{eq}(h) ranges for Residential, Commercial Office, and Agriculture, Utility Warehouse, are anticipated to be 64 to 66 dBA L_{eq}(h), 65 to 66 dBA L_{eq}(h), and 63 to 67 dBA L_{eq}(h), respectively. According to the Noise Study Report, the project would not result in an increase of more than three dBA when compared to the existing condition. The maximum increase at any one receptor site for the project would be three dBA by the year 2050. For Residential land use types, the project would result in a decrease of one dBA when compared to future No Build conditions. Therefore, the project would result in a less than significant impact on noise levels during operation, and no mitigation is required.

(b) Would the project result in the generation of excessive groundborne vibration or groundborne noise levels?

Less Than Significant Impact. Construction would include the operation of large pieces of equipment (such as heavy trucks and excavators) and other activities that could result in the periodic, temporary generation of groundborne vibration. Vibrations during construction may cause a disturbance to nearby land uses, but these impacts would cease once construction is complete. Operation would not result in increased groundborne vibration in the project area. Therefore, the project would result in a less than significant impact on excessive groundborne vibration or groundborne noise levels, 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 a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

No Impact. The project area is not located in the vicinity of a private airstrip, within an airport land use plan area, or within two miles of a public or public use airport. The nearest public airport is

located approximately 3.6 miles northwest of the project area. Therefore, the project would result in no impact on people residing or working within the project area, and no mitigation is required.

3.10.5 Avoidance and Minimization Measures

NOI-1 Noise associated with construction is controlled by Caltrans Standards Specification Section 14-8.02 “Noise Control” which states:

- Do not exceed 86 A-weighted decibels maximum sound level (dBA L_{max}) at 50 feet from the job site activities from 9:00 p.m. to 6:00 a.m.
- Equip an internal combustion engine with the manufacturer-recommended muffler. Do not operate an internal combustion engine on the job site without the appropriate muffler.

3.11 Transportation

This section describes the regulatory and existing setting for transportation related to the project area surrounding area. In addition, this section describes the potential impacts related to transportation that would result from implementation of the project.

3.11.1 Regulatory Setting

This section summarizes federal, state, and local regulations related to transportation that are applicable to the project.

State

California Streets and Highway Code

California Streets and Highway Code Sections 660-711, 670-695 require permits from Caltrans for any roadway encroachment during truck transportation and delivery, includes regulations for the care and protection of state and county highways and provisions for the issuance of written permits, and requires permits for any load that exceeds Caltrans weight, length, or width standards for public roadways.

Vehicle Miles Traveled

Pursuant to the requirements of SB 743, the County implemented a VMT approach to analyze traffic impacts. Caltrans established Induced demand, which is necessary in understanding changes in VMT associated with road capacity expansion projects. The VMT analysis was conducted in a manner consistent with the methodology and guidelines provided in the Transportation Analysis Framework and Transportation Analysis under CEQA documents (Kimley Horn Associates, 2023). The VMT analysis begins with initial screening of project type and determines whether the project is likely to induce travel. The TAC section includes a list of projects that are not likely to lead to a measurable and substantial increase in VMT, and which therefore generally should not require an induced travel analysis. These project types included freeway ramp widening, local roadway widenings, roadway and highway safety enhancements, and projects to promote alternative modes of travel (e.g. carpool, bicycle travel, walking, etc.). The

project length is 1.93 miles; therefore, it does not meet the screening criteria based on project type and, therefore, requires an induced travel analysis.

There are two types of induced demand, and both were analyzed for this project. Short-term induced travel is typically a result of the immediate changes in travel speeds and patterns when a new roadway capacity expansion project is opened to traffic, as seen in a "Build" scenario compared to a "No Build" scenario. This short-term induced travel was evaluated using the travel demand model outputs, which compared the net change in VMT resulting from the project. Long-term induced travel effects, which consider the influence on land use and growth patterns over an extended period, were evaluated qualitatively for this project. This approach considers the anticipated growth along the project corridor. It's important to note that current travel demand models may not fully capture all the long-term effects, such as changes in trip generation and land use. Five study scenarios were analyzed for short- and long-term induced travel, outlined in Section 3.11.2.

Regional

Southern California Association of Governments Regional Transportation Plan/Sustainable Communities Strategy

The SCAG RTP/SCS is a long-range plan that balances future mobility and housing needs with economic, environmental, and public health goals (Southern California Association of Governments, 2024). The SCAG region is made up of Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura Counties. The RTP/SCS includes input from local and tribal governments, transportation commissions, non-profit organizations, businesses, and local stakeholders.

The strategies outlined in the RTP/SCS aim to help the region meet GHG emission reduction goals, achieve FCAA requirements, preserve open spaces, improve public health, enhance roadway safety, and support the movement of goods and use of resources throughout the SCAG region. The RTP/SCS includes over 4,000 transportation projects within the SCAG region, including highway improvements, railroad grade separations, bicycle lanes, transit, and bridge replacements.

Local

Ventura Countywide Bicycle Master Plan

The 2007 VCBMP provides a broad vision, strategies and actions for the improvement of bicycling in Ventura County ***(County of Ventura, 2011)***. This plan allows the County to maximize funding sources for implementation. To qualify for funding, the state requires that applicants have a bicycle master plan adopted or updated within the past five years. This plan is also used to improve safety and encourage cycling. The VCBMP enhances safety for bicyclists through design standards and guidelines, education, and enforcement. In addition, the VCBMP allows the County to expand the network and support facilities by developing a more comprehensive network to provide full bicycle connectivity between the communities of the County.

Ventura County General Plan

Performance Criteria

As per the General Plan, the County has established the following policies to achieve its transportation goals:

1. **Evaluation of Transportation Impacts:** The County mandates that any changes in General land use designations, zone changes, and discretionary development be subject to an evaluation of their individual and cumulative transportation impacts. This evaluation should be based on VMT as outlined in CEQA Appendix G Guidelines.
2. **Coordination with Caltrans and Cities:** The County commits to working in coordination with Caltrans and local cities to ensure that truck routes are appropriately designed and designated. The objective is to support the safe and efficient movement of goods throughout the county, particularly with a focus on facilitating transportation to the Port of Hueneme.
3. **Elimination of Transportation Gaps:** The County's policy is geared towards eliminating "gaps" in the roadways, bikeways, and pedestrian networks. To achieve this, the County actively plans for and seeks funding to construct necessary improvements that will remove barriers and enhance connectivity within the transportation system. This also includes creating connections that facilitate first and last-mile accessibility to and from public transportation, making it easier for individuals to access and utilize public transit.

The General Plan sets forth goals, policies, and programs that the County will implement to manage future growth and land uses within the County. The following transportation goals and policies would apply to the project (Ventura County, 2020):

Goal:

- **CTM-1**: To ensure the design, construction, and maintenance of a safe and efficient roadway system for the movement of persons and goods.

Policies

- **CTM-1.1**: The County shall require evaluation of County General Plan land use designation changes, zone changes, and discretionary development for their individual (i.e., project-specific) and cumulative transportation impacts based on VMT under CEQA pursuant to the methodology and thresholds of significance criteria set forth in the County Initial Study Assessment Guidelines.
- **CTM-1.2**: County General Plan land use designation changes, zone changes, and discretionary development that would cause an individual (i.e., project-specific) or cumulative significant transportation impact based on VMT under CEQA shall be prohibited unless:
    - There are no feasible mitigation measures available that would reduce the impact to a less than significant level; and
    - The County’s decision-making body, after balancing, as applicable, the economic, legal, social, technological, or other benefits, including region-wide or statewide environmental benefits, of the project against its unavoidable transportation impact and any other

environmental risks, determines that the benefits of the project outweigh the unavoidable adverse environmental impacts and adopt a statement of overriding considerations pursuant CEQA.

- **CTM-1.11**: The County shall coordinate with Caltrans and cities to ensure that truck routes are appropriately designed and designated for the safe and efficient movement of goods throughout the county, particularly to the Port of Hueneme.
- **CTM-1.13**: The County shall work with the Naval Base Ventura County (NBVC) to determine the feasibility of grade separations on unincorporated segments of NBVC mobilization corridors/Strategic Highway Network to increase mobility and allow for uninterrupted mission operations and military readiness.

Section 4.2 Regional Multimodal System

- ***Goals***
  - **CTM-2:** To facilitate the safe, efficient, and cost-effective movement of all users, including bicyclists, pedestrians, public transportation riders, children, older people, and disabled people, as well as motorists through the provision of an integrated multimodal system.
  - **CTM-4:** To ensure that land use and transportation planning efforts in the County are cohesive, mutually supportive, and reduce VMT per capita within the unincorporated area of the County.
  - **CTM-6:** To use emerging technologies and environmentally sustainable practices to increase transportation system efficiency and resiliency.
- ***Policies***
  - **CTM-2.1**: The County shall prepare and adopt Complete Streets Design Guidelines to be used when constructing new roadways or improving existing roadways where Complete Streets would be appropriate/feasible. The Complete Streets Design Guidelines shall employ a context-sensitive approach to planning and designing the road and street network to reflect the distinct agricultural, rural, or urban character of a particular location.
  - **CTM-2.3:** The County shall require discretionary development with access onto a County Road to have the access point(s) designed and built to County standards.
  - **CTM-2.4:** The County shall strive to provide safe operating conditions for all appropriate modes and uses of County roadways.
  - **CTM-2.5:** The County shall coordinate the development and maintenance of all transportation facilities with emergency service providers to ensure continued emergency service operation and service levels.
  - **CTM-2.7:** The County shall coordinate with VCTC to implement and update the Congestion Management Program (CMP). The County shall also encourage consideration of multimodal performance measures as part of future updates to the CMP.

- **CTM-2.12:** The County shall coordinate with cities in the county and VCTC to plan and implement a system of bicycle lanes and multi-use trails that link the cities, unincorporated communities, schools including colleges and universities, commercial/retail, employment centers, health care service facilities, public transportation, and other points of interest.
- **CTM-2.14:** When designing new bicycle facilities, or modifying existing roadways with bicycle facilities, the County shall prioritize and install features to improve the safety and visibility of bicyclists.
- **CTM-2.15:** The County shall rely on the guidelines and design standards for bicycle and pedestrian facilities established by the California Manual on Uniform Traffic Control Devices and supporting guidelines provided the FHWA, Caltrans, and the American Association of State Highway and Transportation Officials.
- **CTM-2.19:** The County shall continue to examine and update safety metrics for CEQA impact analysis as appropriate. Options include but are not limited to queue spill-back at intersections; mid-block unprotected crossings; and increased crossing distances.
- **CTM-4.1:** The County shall work with Caltrans and VCTC to reduce VMT by:
  - Facilitating the efficient use of existing transportation facilities.
  - Striving to provide viable modal choices that make driving alone an option rather than a necessity,
  - Supporting variable work schedules to reduce peak period VMT, and
  - Providing more direct routes for pedestrians and bicyclists.
- **CTM 6.4:** As part of new roadway planning and design as part of discretionary development, the County shall promote the use of permeable paving and other passive drainage features such as bioswales to prevent flooding, particularly in urban areas.

3.11.2 Environmental Setting

This section describes the affected environment and regulatory setting for transportation related to the project area and surrounding area. In addition, this section describes the potential impacts on transportation that would result from implementation of the project. The information in this section is based on the *Vehicle Miles Traveled Analysis Memorandum* (Kimley Horn Associates, 2023) prepared for the project (see **Appendix I**).

Project Area Access

Access to the project area is provided by Edison Drive, Hueneme Road, and Rice Avenue. Rice Avenue becomes SR-1 north of the project area and connects to U.S. Highway 101, a freeway that provides regional access.

Existing Traffic Conditions

Roadway System Description

This section describes the roadway system, including arterials, collectors, and local streets that intersect at the intersections within the project area, as described by the Ventura County Road Inventory and Index (County of Ventura, 2016).

Hueneme Road

Hueneme Road is an east-west transportation route and is approximately 7.5 miles long. It is classified as an Other Principal Arterial and functions as a Major Collector Road. Within the project area, Hueneme Road has two travel lanes for vehicles, with one lane in each direction. Additionally, there are dedicated left-turn pockets at intersections. The posted speed limit along this section of Hueneme Road is 55 miles per hour.

Rice Avenue

Rice Avenue serves as a north-south transportation route and is approximately 5.5 miles long. It is designated as a Major Collector Road. Within the project area, Rice Avenue has four vehicle travel lanes, with two traffic lanes in each direction. There is a flush median between the travel lanes. At the eastern boundary of the project area, Rice Avenue intersects with Hueneme Road, forming a "T" intersection. At this junction, the existing through lanes transition into exclusive right- and left-turn lanes. The posted speed limit along this segment of Rice Avenue is 55 miles per hour.

Edison Drive

Edison Drive is a north-south Local Street that covers a distance of approximately one mile. Within the project area, Edison Drive has two vehicle travel lanes, with one traffic lane in each direction. Additionally, there are dedicated left-turn pockets at intersections and major driveways.

At the western boundary of the project area, Edison Drive intersects with Hueneme Road. The current configuration of this intersection includes four vehicle travel lanes on Hueneme Road to the west of Edison Drive and two vehicle travel lanes to the east of Edison Drive. The posted speed limit along this segment of Edison Drive is 25 miles per hour.

Arnold Road

Arnold Road is a north-south Local Street and is approximately 1.5 miles long. Within the project area, Arnold Road has two vehicle travel lanes, with one traffic lane in each direction. On the north side of Hueneme Road, Arnold Road intersects with and terminates at Hueneme Road, forming a "T" intersection. The posted speed limit along this segment of Arnold Road is 25 miles per hour.

Olds Road

Olds Road is a north-south Major Collector Road and is approximately one mile long. Within the project area, Olds Road has two vehicle travel lanes, with one traffic lane in each direction. There are also dedicated bicycle lanes beginning at Sanford Street. Additionally, there are dedicated

left-turn pockets at the Ocean View Junior High School and Etting Road. Around Ocean View Junior High School, there are flush medians between the travel lanes to enhance safety. On the south side of Hueneme Road, Olds Road intersects with Hueneme Road and forms a "T" intersection, where it ends. The posted speed limit along this segment of Olds Road is 25 miles per hour.

Casper Road

Casper Road is a north-south Local Street and is approximately 1.5 miles long. Within the project area, Casper Road has two vehicle travel lanes, with one traffic lane in each direction. On the north side of Hueneme Road, Casper Road intersects with and terminates at Hueneme Road, forming a "T" intersection. The posted speed limit along this segment of Casper Road is 25 miles per hour.

Other Transportation

Pedestrian Facilities

There are no existing sidewalks within the project area.

Bicycle Facilities

Bicycle facilities are grouped into the following classifications:

- Shared Use Path (Class I): Provides a completely separated ROW for the exclusive use of bicycles and pedestrians with crossflow minimized.
- Bike Lane (Class II): Provides a striped lane for 1-way bike travel on a street or highway.
- Bike Route/Signed Shared Roadway (Class III): Provides shared use with pedestrian or motor vehicle traffic, typically on lower volume roadways.

Bicycles are allowed on all roads throughout California and in Ventura County, except for access-controlled freeways. Consequently, the County considers its entire roadway network to be part of its bicycle network, irrespective of the presence of specific striping or signage(County of Ventura, 2011).

The Ventura Countywide Bicycle Master Plan designates certain roads as preferred routes for bicyclists, and this designation guides the County in developing its primary bikeway network, thus promoting safe and accessible cycling opportunities for the community. Hueneme Road is listed in the Ventura Countywide Bicycle Master Plan.

3.11.3 Thresholds of Significance

The following thresholds are used to determine whether the project would result in a significant impact pursuant to CEQA. These thresholds of significance are based in general on Appendix G of the CEQA Guidelines. A transportation impact is considered significant if it would:

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

b) Conflict or be inconsistent with CEQA Guidelines section 15064.3 subdivision (b);

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

d) Result in inadequate emergency access.

3.11.4 Environmental Impacts

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

Construction Impacts

Less than Significant Impact. Construction is expected to last approximately 12 months; during this period, there would be a temporary increase in construction-related trips from vehicles and construction equipment. These trips would include delivery of construction materials and equipment, operation of construction vehicles for clearing and grading, and arrival and departure of construction workers. Construction vehicle and equipment use along the roadways surrounding the construction area may result in temporary impacts on the circulation system. However, construction-generated traffic would be anticipated to be dispersed over multiple roadways. In addition, construction vehicles and equipment would only be on the roadways surrounding the construction site during construction. Construction-related trips would also be scheduled during off-peak hours, as feasible. Therefore, the project would result in a less than significant impact on applicable plans and policies during construction, and no mitigation is required.

Operational Impacts

Less than Significant Impact. The project would be designed to incorporate recommendations from the Circulation Element of the General Plan, which serves as the overarching framework for transportation goals and policies in the project area, as previously outlined in Section 3.11.1. The proposed improvements to Hueneme Road, including roadway widening, shoulder widening, and the addition of bicycle lanes and a paved median, are consistent with the objectives in the General Plan. These project features would create a multi-modal transportation environment that improves local access and circulation for bicyclists, pedestrians, and motorists in the surrounding community.

By expanding the roadway, the project would facilitate smoother traffic flow and minimize congestion, making it easier for residents and agricultural workers to navigate the area safely and efficiently. The addition of dedicated bicycle lanes and enhanced pedestrian facilities fosters multi-modal connectivity, which is consistent with the General Plan's vision of providing safe and convenient options for non-vehicular travel and reducing reliance on personal automobiles and contributing to a more sustainable transportation landscape. The project would include safety elements such as a paved median, bicycle lanes, and improved shoulders, which would help manage traffic and promote safe travel for all road users. In addition, the project is identified in local planning documents, such as the 2013 Comprehensive Transportation Plan, which identifies the need for bicycle and pedestrian infrastructure across jurisdictional boundaries; the 2017 Ventura County Bicycle Wayfinding Plan, which identified Hueneme Road as “most stress

bicycling;" and the 2024 Ventura County Bicycle Master Plan, which includes the addition of Class II Bicycle lanes on Hueneme Road.

Adopted policies, plans, and programs supporting alternative transportation include AB 1358 California Complete Streets Act, SB 743, and the Circulation element of the General Plan. The objectives for the project include encouraging active modes of transportation and public transit. To meet these objectives and support alternative transportation, the project would implement road widening, safety improvements for motorists and bicycles, such as bicycle lanes. The project's Class II buffered bicycle lanes promote increased bicycle trips as these dedicated lanes provide a safer and more accessible route for cyclists, encouraging non-motorized transportation alternatives. The addition of extra lanes would reduce travel times during peak hours, reducing traffic related stress and enhance the overall efficiency of the transportation network. By increasing the road's capacity, the project would aim to reduce congestion levels, particularly during rush hour. Reduced congestion leads to shorter commute times and also lower fuel consumption and emissions. The project would enhance safety, including dedicated left-turn lanes at intersections to enhance traffic flow and reduce the risk of rear-end collisions. In addition, the project features improved signage, signalization, lane striping, which all create a safer environment for roadway users. The project would be consistent with adopted plans, policies, and programs addressing circulation and supporting alternative transportation. Therefore, the project would result in a less than significant impact on applicable plans or policies during operation, and no mitigation is required.

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

In accordance with CEQA guidelines section 10564.3, subdivision (b), transportation projects that either reduce or have no impact on VMT are generally considered to cause a less than significant transportation impact. The project involves widening Hueneme Road, expanding it from a two-lane roadway to a four-lane roadway with various enhancements, including buffered bike lanes, turn lanes, and a paved median. These improvements are expected to increase the capacity of the roadway within the project area. See discussion in response (a) above.

<u>Construction Impacts</u>

Less than Significant Impact. Construction is expected to last approximately 12 months and would include the movement of workers to and from the site, heavy equipment deliveries, and material transport. To minimize disruptions to traffic flow, these construction activities are planned to be conducted within the established hours of operation, specifically between 7:00 a.m. and 8:00 p.m., from Monday to Friday, in full compliance with the noise regulations specified by the County (County of Ventura, 2010).

During the construction period, there may be a temporary increase in local traffic within and near the project area. This increase would primarily be attributed to the movement of construction personnel traveling from nearby population centers to the project area. However, traffic levels would return to normal following construction.

Construction equipment traffic accessing the project area would follow the same routes used by construction personnel, primarily via Hueneme Road, which is the main access point for the project area. By adhering to the stipulated construction hours, there could be minor temporary VMT increases during construction; however, a substantial increase in VMT is not anticipated as motorists may look to take alternate routes to avoid the construction. Therefore, the project would result in a less than significant impact on VMT during construction, and no mitigation is required.

Operational Impacts

Less than Significant Impact. In the VMT Analysis Report performed by Kimley-Horn, an analysis was performed using the VCTC's model that forecasts VMT. Four study scenarios were analyzed (see **Table 3.11-1**).

VMT Analysis

Short-term Induced Travel

Short-term induced travel is the immediate increase in overall vehicle trip caused by the implementation of a project. Four study scenarios were analyzed as part of the VMT analysis and are described below:

- Baseline 2016 Conditions: Using the Base Year (2016) model, travel behavior and total VMT were evaluated for the "No Build" conditions.
- Project 2016 Conditions: Using the Base Year (2016) model, travel behavior and total VMT were evaluated for the "Build" conditions.
- Baseline 2040 Conditions: Using the Future Year (2040) model with projected General Plan land use growth and planned future roadway improvements, travel behavior and total VMT were evaluated for the "without Project" conditions. Additional cumulative projects in the project vicinity were also included in the model as part of the future land use growth. The project vicinity is defined as the area up to four miles from the project and includes cumulative projects ranging from 0.5 mile to four miles from the project.
- Project 2040 Conditions: Using the Future Year (2040) model with projected General Plan land use growth and planned future roadway improvements, travel behavior and total VMT were evaluated for the "with Project" conditions. Similar to the No-Build (2040) scenario, the same cumulative projects in the project vicinity were also included as part of the future land use growth.

Long-term Induced Travel

Long-term Induced Travel the sustained increase in VMT that occurs over several years as a result of a new project. The estimation of long-term induced VMT for the project involved a qualitative assessment. On a regional basis, the project is not anticipated to result in an increase in long-term VMT.

The project is not anticipated to facilitate land use growth, as a majority of the land surrounding the project area is agricultural land. Hueneme Road primarily consists of agricultural lands and is protected by the 2016 Save Open and Agricultural Resources initiative. Therefore, significant land

use growth in the future is not expected. As observed from the project 2040 traffic volumes, the Ventura County Transportation Model (VCTM) also considers these land use constraints along the corridor as part of the General Plan. In addition, Hueneme Road provides critical access to the National Highway System and serves as the primary truck route between U.S. Highway 101 and the Port of Hueneme. The added capacity is anticipated to alleviate congestion caused by slower truck traffic and could potentially suppress the growth-induced travel effect by rerouting automobile travel from adjacent congested roadways.

Project Operation

The primary objective of the project is to reduce the impacts of congestion and enhance overall safety for both vehicular and non-vehicular road users. The project would include widening the existing roadway, which would alleviate traffic congestion, a longstanding issue in the project area. The addition of extra lanes and improved traffic flow would reduce travel times during peak hours, reducing traffic-related stress and enhancing the overall efficiency of the transportation network.

By increasing the road's capacity, the project aims to decrease congestion levels, particularly during rush hours. Reduced congestion not only leads to shorter commute times, but also contributes to lower fuel consumption and emissions, thereby promoting a cleaner and more sustainable transportation environment.

The project would address safety concerns by incorporating various design modifications including dedicated left-turn pockets at intersections, which enhance traffic flow and reduce the risk of rear-end collisions. In addition, the project would include improved signage, signalization, and lane striping to create a safer road environment for all users.

In addition to the roadway, the project would include Class II buffered bike lanes, facilitating increased bicycle trips. These dedicated lanes would provide a safer and more accessible route for cyclists, encouraging non-motorized transportation alternatives. By promoting cycling as a viable mode of transport, the project would actively contribute to reducing vehicular traffic and associated emissions.

The inclusion of dedicated bicycle lanes and enhanced pedestrian facilities would promote a shift in travel behavior. As residents experience improved conditions for cycling and walking, they may opt for these healthier and eco-friendly modes of travel, reducing dependence on personal vehicles and subsequently lowering VMT (see **Table 3.11-1**).

Table 3.11-1. Project VMT Results - Countywide Area

Scenario	Total Daily VMT	Change in VMT	VMT % Change	Lane-Mile % Change
Baseline 2016 Conditions	17,345,708			
Project 2016 Conditions	17,337,703	-9,005	-0.05	0.02
Baseline 2040 Conditions	19,510,173			

Scenario	Total Daily VMT	Change in VMT	VMT % Change	Lane-Mile % Change
Project 2040 Conditions	19,494,378	-15,795	-0.08	0.02

Source: (Kimley Horn Associates, 2023)

The VMT Analysis Report indicates that there the project would not result in a substantial increase in expected in long-term VMT. The project would be expected to result in a reduction of 9,005 VMT in 2016 conditions and 15,795 in 2040 conditions due to short-term induced VMT. This analysis is based on land use constraints and the National Highway System and truck routes. The Hueneme Road corridor predominantly consists of agricultural lands, which are safeguarded by the 2016 Save Open Space and Agricultural Resources initiative. These land use protections limit the potential for substantial land use growth in the area over time and align with the observed traffic volumes for the design year 2040, which also reflect these land use constraints. Therefore, the existing land use patterns are not expected to substantially change, reducing the potential for long-term induced VMT. In addition, Hueneme Road plays a critical role in accessing the National Highway System and serves as the primary truck route connecting U.S. Highway 101 and the Port of Hueneme, operating as an Intermodal Connector (Federal Highway Administration, 2020). The addition of capacity within the project area is anticipated to alleviate congestion caused by slower-moving truck traffic. This improved efficiency for freight movement would have a dual effect of suppressing the growth of induced travel, as automobile travel is rerouted from adjacent congested roadways to this newly expanded, more efficient route.

All of the above-mentioned factors would minimize any potential growth in long-term induced VMT. The project's added capacity would help alleviate traffic congestion and accommodate the needs of the local agricultural and industrial communities, as well as freight transportation between U.S. Highway 101 and the Port of Hueneme.

The beneficial impacts of the project, including reduced congestion and improved transportation efficiency, are expected to outweigh any long-term growth in VMT. The long-term effects on VMT are not anticipated to surpass the reduction observed due to short-term induced travel.

In addition, the project would include Class II buffered bike lanes, which is expected to result in an increase in bicycle trips. However, the VCTM model used for VMT analysis does not account for mode shifts from vehicle to bicycle trips, so the VMT summaries do not include any trip reductions due to these mode shifts associated with the implementation of the bike lanes.

To estimate the bicycle demand, the methodology described in the National Cooperative Highway Research Program (NCHRP) Report 552 was utilized. Bicycle trips were estimated based on demographic factors and the proximity of residences to the proposed bike lanes on Hueneme Road. The methodology provides estimates for high, medium, and low bicycle demand. For a conservative approach, medium estimates were used, with an average 1-way daily trip length of only three miles, to determine the VMT reductions attributable to induced bicycle trips (see **Table 3.11-2**).

Table 3.11-2. VMT Reductions from Induced Bicycle Demand

Scenario	Daily New Bike Trips	Change in VMT
Baseline 2016 Conditions	-	-
Project 2016 Conditions	28	-166
Baseline 2040 Conditions	-	-
Project 2040 Conditions	32	-193

Source: (Kimley Horn Associates, 2023)

The project is expected to reduce VMT by 166 in project 2016 conditions and 193 VMT in project 2040 conditions.

As outlined in **Table 3.11-1** and supported by the VCTM analysis, the project is expected to result in a decrease in VMT by 9,005 in project 2016 conditions and by 15,795 in project 2040 conditions. Therefore, the project would result in a less than significant impact on VMT during operation, and no mitigation is required.

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

Less than Significant Impact. The project would be designed in accordance with current safety and geometric standards and the General Plan. Additionally, all other roadways and transportation facilities within the project area are expected to meet or exceed safety and performance standards established by the County.

The General Plan includes measures to enhance pedestrian safety on arterial and collector roads. The project's roadway improvements, such as a paved median, bicycle lanes, and widened shoulders, are specifically designed to reduce geometric hazards and enhance overall safety. There are agricultural properties adjacent to the project area that may utilize the roadway for movement of farm equipment; however, the majority of these properties have their own access roads, and the project is not expected to encourage the use of farm equipment on the widened roadway.

Movement of construction-related oversize vehicle loads would be conducted in accordance with the California Vehicle Code and California Streets and Highway Code. California Highway Patrol escorts may be required at the discretion of Ventura County, as specified in respective oversized load permits.

The project would not introduce any design features or utilize vehicles with incompatible uses that would create a hazard on the surrounding roadways. Therefore, the project would result in a less than significant impact on hazards due to geometric design features, and no mitigation is required.

(d) Would the project result in inadequate emergency access?

Less than Significant Impact. Construction-related traffic could interfere with emergency response to the project area or emergency evacuation procedures during unforeseen events such as wildfires or chemical spills. This traffic could also affect the emergency response to properties in the vicinity of the project. While the construction-related traffic may lead to temporary delays in emergency response times, these delays are not expected to result in inadequate emergency access. The County would coordinate with emergency services before construction, and any lane closures required during construction would be temporary. The project would maintain continuous access on Hueneme Road; any traffic control implemented would, at maximum, reduce traffic to one lane temporarily, but no detour routes would be required.

The project does not necessitate any permanent road closures or detours that would significantly disrupt emergency access. Although the roadway may temporarily be reduced to one open lane during construction, this is expected to be a short-term condition, and once construction is complete, emergency access is anticipated to improve due to the anticipated reduction in VMT. Therefore, the project would result in a less than significant impact on emergency access, and no mitigation is required.

3.11.5 Avoidance and Minimization Measures

No avoidance or minimization measures are required for transportation.

3.12 Tribal Cultural Resources

This section identifies and evaluates the potential impacts of the project on tribal cultural resources. The chapter includes a discussion of the existing setting, construction-related tribal impact, direct and indirect impacts associated with operations of the project, the impacts of these impacts on the community, and avoidance and minimization measures warranted to reduce or eliminate any identified significant impacts.

3.12.1 Regulatory Setting

The following regulatory setting is a summary of the plans, policies, and regulations that protect tribal cultural resources, and that are also applicable to the project.

State

Assembly Bill 52

AB 52 requires consultation with Native American tribes during the preliminary phases of a construction project to determine how/if tribal cultural resources could be affected. After the NOP is distributed, California Native American tribes will submit written requests to participate in consultations. Lead agencies are then required to provide notice to these tribes that an application package is complete, following which tribes have 30 days from receipt of the notice to request consultation. Lead agencies have an additional 30 days to initiate the consultation upon receiving the request to consult. Consultations are complete when lead agencies and tribes have agreed on measures to reduce impacts on tribal cultural resources, or after reasonable effort in good faith has been made.

California Health and Safety Code

California Health and Safety Code Sections 7050.5, 7051, and 7054 require work to halt and remain halted if human remains are found until a coroner has investigated the remains. If the coroner determines that the remains are those of a Native American, the NAHC must be contacted by telephone within 24 hours of that determination being made.

Local

Ventura County General Plan

The General Plan sets forth goals, policies, and programs that the County will implement to manage future growth and land uses within the County. The following tribal cultural resources goals and policies would apply to the project (Ventura County, 2020):

- ***Goals:***
  - **COS-4:** To identify, inventory, preserve and protect cultural, historical, paleontological, and archaeological resources in Ventura County, including Native American resources, for their scientific, educational, and cultural value.
- ***Policies:***
  - **COS-4.2(b):** For discretionary projects, the County shall request local tribes contact information from Native American Heritage Commission, to identify known tribal cultural resources. If requested by one or more of the identified local tribes, the County shall engage in consultation with each local tribe to preserve, and determine appropriate handling of, identified resources within the county.
  - **COS-4.4:** The County shall require that all discretionary development projects be assessed for potential tribal, cultural, historical, paleontological, and archaeological resources by a qualified professional and shall be designed to protect existing resources. Whenever possible, significant impacts shall be reduced to a less-than-significant level through the application of mitigation and/or extraction of maximum recoverable data. Priority shall be given to measures that avoid resources.

3.12.2 Environmental Setting

This section describes the affected environment and regulatory setting for tribal cultural resources related to the project area and surrounding area. In addition, this section describes the potential impacts on tribal cultural resources that would result from implementation of the project. The information in this section is based on the *Archaeological Survey Report* (Duke Cultural Resources Management, 2024) prepared for the project.

California is divided into 11 geomorphic provinces, each naturally defined by unique geologic and geomorphic characteristics. The project is in the northwestern portion of the Transverse Range geomorphic province. The Transverse Range province is distinguished by east-west trending mountain ranges and valleys, in contrast to the respective northwest-southeast trend in the provinces to the north and south. The Transverse Range extends west to include the San Miguel,

Santa Rosa, and Santa Cruz Islands to the west, and east to include the San Gabriel and San Bernardino Mountains and the San Andreas Fault, and locally extends south to a series of faults along the southern base of the Santa Monica Mountains (Duke Cultural Resources Management, 2024).

Locally, the project and surrounding area are within the Ventura Basin Province, defined to the north by the Santa Ynez and Big Pine Faults, to the northeast and east by the San Andreas Fault, and to the south by the Santa Monica-Malibu Coast fault system (Duke Cultural Resources Management, 2024). A result of the actively rising Ventura Avenue Anticline immediately north of Ventura, the Ventura Basin has been a productive oil field for almost 150 years (Duke Cultural Resources Management, 2024).

The project is located on the Oxnard Plain which has been formed chiefly by the deposition of sediments from Santa Clara River and Calleguas Creek before they flow into the Pacific Ocean (Duke Cultural Resources Management, 2024). The Holocene age deposits within the Oxnard Plain are estimated to range between 200 and 250 feet thick (Duke Cultural Resources Management, 2024). Hueneme Series soils predominate within the project APE made up of sandy loam and loamy sand. Hueneme Series sandy loams typically do not have an “A Horizon” but instead have stratified sand loams and silt loams to as deep as 65 inches below the surface (Natural Resource Conservation Service, 2015). The alluvial deposits from these rivers are generally a few hundred feet thick and lie over Pleistocene and Pliocene sedimentary rocks (Duke Cultural Resources Management, 2024). Despite the fact that soils beneath Hueneme Series have not been mapped on the NRCS website or in other sources consulted for this report, mapping of the surficial and near surface soils clearly shows deep stratification within a delta like environment that, without modern channelization and other water control features, have the potential to frequently and deeply deposit sediments. These sediments can deeply bury archaeological deposits.

Field Survey

On January 11, 2024, Duke Cultural Resources Management Archaeologist Morgan Beigle conducted an intensive survey of project ADI. Survey transects were spaced approximately 49 feet apart. The survey included both the north and south sides of Hueneme Road between Edison Drive and Rice Avenue. The surface visibility within the project limits was zero to 40 percent. Most of the ADI is paved and surrounded by agricultural land on the north and south sides with utility poles that line either side of Hueneme Road. The area of the proposed work is primarily paved and predominately in the ROW. Exposed sediment adjacent to the pavement is highly disturbed soil that has been tilled numerous times for irrigation and agricultural purposes and consists of ashy brown silt. There are sporadic irrigation ditches extended all along the east and west side of Hueneme Road, where the pavement meets the agricultural land. The ditches were approximately two to three feet wide and approximately three to five feet below current road grade.

AB 52 Consultation

As outlined above, the County sent letters to 10 Native American representatives identified by NAHC, notifying them of the project in accordance with SB 18 and AB 52. One California Native American tribe, the Coastal Band of the Chumash Nation (tribe), requested consultation.

A meeting was held on January 29, 2024, between the County and the tribe. The tribe acknowledged the project location is in close proximity to known culturally sensitive resources and has the potential to unearth cultural resources. Based on the consultation conducted, no tribal cultural resources were identified. The tribe requested to monitor for ground disturbing activities related to ditch relocation, SCE's power pole relocation, and any scraping/grubbing required to prepare the site. In addition, the tribe requested to reserve the right to determine if additional monitoring may need to be required and to conduct pre-construction training for construction workers prior to the initiation of construction.

3.12.3 Thresholds of Significance

The following thresholds are used to determine whether the project would result in a significant impact pursuant to CEQA. These thresholds of significance are based in general on Appendix G of the CEQA Guidelines. A tribal cultural resource impact is considered significant if the project would:

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

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

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

3.12.4 Environmental Impacts

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

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

Less than Significant Impact. SB 18 and AB 52 require meaningful consultation between lead agencies and California Native American tribes regarding potential impacts on tribal cultural resources. As a result of the consultation, no tribal cultural resources were identified within the project area; however, the tribe requested to monitor for ground disturbing activities related to ditch relocation, SCE's power pole relocation, and any scraping/grubbing required to prepare the site. In addition, the tribe requested to reserve the right to determine if additional monitoring may need to be required and to conduct pre-construction training for construction workers prior to the initiation of construction.

As described previously, the project area has a long history of ground disturbance from previous agricultural uses and development. This indicates that the topsoil has been regularly disturbed over the past 86 years. The extensive previous excavation, re-compaction, and fill soils onsite have limited the potential of the site to contain tribal cultural resources. The project would include excavation onsite soils to a maximum of approximately 12 to 14 inches below the surface. The soils would be reconditioned and recompacted as engineered fill to support the project. The depth of the excavation is within the previously disturbed soil depths, which further reduces the potential of the project to result in impacts related to tribal cultural resources.

Overall, the project area does not include resources that are listed or eligible for listing in the CRHR or in a local register of historical resources (see Section 3.6); and due to the extent and depth of previous ground disturbances throughout the site, the potential for tribal cultural resources is limited. If the project changes, and access and construction to additional areas is necessary, additional surveys would be required for locations outside of the previous survey area (**TRC-1**). In addition, measures **TRC-3** through **TRC-5** would be implemented to reduce potential impacts on Native American resources. Therefore, the project would result in a less than significant impact on tribal cultural resources that are listed or eligible for listing in the CRHR, or other register of historical resources, and no mitigation is required.

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

Less than Significant Impact. No Sacred Lands were documented at the NAHC. As described previously, the site has a long history of ground disturbance from previous agricultural uses and development. This indicates that the topsoil has been regularly disturbed over the past 86 years. The extensive previous excavation, re-compaction, and fill soils onsite have limited the potential of the site to contain tribal cultural resources. If previously unidentified cultural materials are un-earthed during construction, avoidance and minimization measure **TRC-2** would be implemented, halting work in that area until a qualified archaeologist can assess the significance of the find. Therefore, the project would result in a less than significant impact on resources protected under PRC Section 5024.1, and no mitigation is required.

3.12.5 Avoidance and Minimization Measures

TRC-1 If project limits are extended beyond the current survey limits, additional surveys would be required.

TRC-2 If previously unidentified cultural materials are un-earthed during construction, work would be halted in that area until a qualified archaeologist can assess the significance of the find.

TRC-3 During Assembly Bill (AB) 52 Consultation with the Coastal Band of the Chumash Nation, Native American monitoring was requested. A Native American monitor would be retained for all ground-disturbing activities associated with the drainage ditch relocation on the north side of Hueneme Road, the Southern California Edison (SCE) power pole relocations, and any scraping/grubbing required to prepare the site.

TRC-4 Prior to construction, the County of Ventura (County) would provide a complete list of equipment to be used for construction of the project and would coordinate as needed with the tribe to identify any additional concerns.

TRC-5 Prior to construction, the Coastal Band of the Chumash nation would conduct worker awareness training related to Tribal Cultural Resources.

3.13 Utilities and Service Systems

This section describes the affected environment and regulatory setting for utilities and service systems related to the project area and surrounding area. In addition, this section describes the potential impacts related to utilities and service systems that would result from implementation of the project.

3.13.1 Regulatory Setting

This section summarizes federal, state, and local regulations related to utilities and service systems that are applicable to the project.

State

California AB 939/Senate Bill 1016

California AB 939 requires each jurisdiction to divert at least 50 percent of its waste stream away from landfills either through waste reduction, recycling, or other means. Senate Bill 1016 (The Solid Waste Disposal Measurement Act) was implemented to provide a simplified measure of a jurisdiction's performance in accordance with AB 939 by moving to a per capita disposal rate.

Local

Ventura County Ordinance 4421

The purpose of Ordinance 4421 was to establish regulations to effectively reduce landfill-bound waste from construction and demolition activity by requiring permit applicants undertaking specific project to divert or recycle a minimum of 60 percent of the construction and demolition debris resulting from their projects.

Ventura County General Plan

The General Plan sets forth goals, policies, and programs that the County will implement to manage future growth and land uses within the County. The following utilities and service systems goals and policies would apply to the project (Ventura County, 2020):

- ***Goals***
  - **PFS-4:** To ensure the adequate provision of individual and public wastewater collection, treatment, reclamation, and disposal operations and facilities to meet the county's current and future needs in a manner that will protect the natural environment as well as public health, safety, and welfare.
  - **PFS-5:** To maximize recycling, reuse, and composting of solid waste and ensure the safe handling and disposal of the remaining solid and hazardous waste.
  - **PFS-6:** To provide adequate surface drainage and flood control facilities to protect public health and safety.
  - **PFS-7:** To promote the efficient distribution of public utility facilities and transmission lines to ensure that public utilities are adequate to service existing and projected land uses and are sited and constructed to avoid hazards and land use incompatibility.
  - **PFS-11:** To protect the public through effective law enforcement, disaster preparedness, and emergency services.

- ***Policies***
  - **PFS-5.9:** The County shall encourage applicants for discretionary development to employ practices that reduce the quantities of wastes generated and engage in recycling activities to further reduce the volume of waste disposed of in landfills.
  - **PFS-6.6:** The County shall retain drainage courses in their natural state to the extent feasible.
  - **PFS-7.4:** The County shall require discretionary development to place new utility service lines underground if feasible. If undergrounding is determined by the County to be infeasible, then new utility service lines shall be placed in parallel to existing utility rights-of-way, if they exist, or sited to minimize their visual impact.
  - **PFS-7.8:** The County shall encourage location and construction of all transmission lines in a manner which minimizes disruption of natural vegetation and agricultural activities and avoids unnecessary grading of slopes when not in conflict with the rules and regulations of the California Public Utilities Commission.

3.13.2 Environmental Setting

Descriptions of the utilities in the project area are based on the information in the project plans and online sources.

Energy

Electricity is supplied to the project area by SCE. SCE owns and operates several overhead and underground transmission and distribution lines in the project area. The overhead poles are located along Hueneme Road.

Sempra Utilities provides natural gas to the project area. Within the project area, there is a gas transmission main along Hueneme Road near Edison Drive.

Water and Wastewater

United Water Conservation District (UWCD) provides water services within the project area. The primary sources of water include the Oxnard Basin, Pyramid Lake, or Castaic Lake. (United Water Conservation District, 2021). The Calleguas Municipal Water District (CMWD), Ocean View Municipal Water District (OVMWD), U.S. Navy, and City of Oxnard also run water and sewer lines parallel to Hueneme Road. On the north side of Hueneme Road, the UWCD operates a 12-inch water line, the City of Oxnard operates a 36-inch recycled water line, the CMWD operates a 48-inch brine line, and the U.S. Navy operates a 12-inch sewer line. On the south side of Hueneme Road, OVMWD operates a 16-inch water line and the City of Oxnard operates a 20-inch recycled water line.

Storm Drains

Stormwater drains into one of the 11 drainages within the project area. These drainages convey mixed flows from roadway and agricultural runoff into one of four culverts, then discharging these

flows from the project area into the larger stormwater conveyance system (Kasraie Consulting, 2024).

Telephone, Cable, and Fiber Optics

There are several telephone, cable, and fiber-optic lines within the project area, which run along the north and south sides of Hueneme Road. These lines are operated by AT&T and Verizon. In addition, Frontier Communications facilities are located on the SCE overhead poles.

Solid Waste

The Integrated Waste Management Division (IWMD) of Ventura County provides services for solid waste pickup in the project area. The primary services offered include trash, recycling, and green waste. IWMD oversees the operation of landfills that would accept the solid waste generated during proposed construction activities. The closest landfills and transfer stations to the project area are SA Recycling, Santa Clara Valley Disposal, and Vulcan Materials.

3.13.3 Thresholds of Significance

The following thresholds are used to determine whether the project would result in a significant impact pursuant to CEQA. These thresholds of significance are based in general on Appendix G of the CEQA Guidelines. A utilities and service systems impact is considered significant if the project would:

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

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

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

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

(e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

3.13.4 Environmental Impacts

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

Less than Significant Impact. The existing non-contiguous drainage ditch on the north side of the roadway would be shifted north to accommodate the widening of the road. Roadway and drainage modifications could result in impacts on water quality. Measure **UTL-1** would be

implemented during construction and could include, but would not be limited to, the installation of earth dikes, drainage swales and ditches, silt fences, wattles, desilting basins, and stormwater drain inlet protection. This BMP would be implemented in compliance with the CWA, the Porter-Cologne Water Quality Control Act, and the County's Stormwater Program. Temporary stormwater drainage facilities would be installed to manage stormwater flows during construction to minimize pollutant and debris runoff. With implementation of the temporary stormwater drainage BMPs listed above, impacts on stormwater drainage systems would be less than significant and no mitigation is required.

The project would require three traffic signal modifications, three drainage pipe and drainage inlet relocations, seven culvert extensions and relocations, 41 power pole relocations, and 10 irrigation and water facility relocations. A gas transmission main owned by Sempra Utilities is located along Hueneme Road near Edison Drive; the gas transmission main may be impacted during construction. All utility relocations would be conducted in coordination with the service providers. The project would require construction of new utility connections, relocations and undergrounding of utilities, and other utility improvements. As such, no significant environmental effects are anticipated during project construction. During construction activities, the County would coordinate with service providers to ensure that there are no disruptions in utility services. In addition, measure **UTL-2** would be implemented to reduce the risk of damage to utilities during construction. Therefore, the project would result in a less than significant impact on electric power, natural gas, and telecommunications facilities and no mitigation is required.

(b) Would the project have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?

Less Than Significant Impact. Limited water would be used during the 12-month construction period for dust control, compacting material for the road base and subgrade, and dewatering drillholes. Following construction, the project would not require the use of water. Therefore, the project would result in a less than significant impact related to water supplies available to serve the project and reasonably foreseeable future development, and no mitigation is required.

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

No Impact. The project would not require the need for wastewater treatment. Therefore, the project would result in no impact on wastewater treatment capacity, and no mitigation is required.

(d) Would the project generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?

No Impact. A minimal amount of solid wase would be generated during construction. Solid waste from the project would be collected and disposed of at one or more of the following landfills and transfer stations:

- SA Recycling, Oxnard

- Santa Clara Valley Disposal, Ventura
- Vulcan Materials, Oxnard

No solid waste would be generated during project operation. Therefore, the project would not result in a permanent increase in solid waste generation. All solid-waste-generating activities within the County are subject to the requirements set forth in California AB 939 (California Integrated Waste Management Act), which requires each city and county to divert 50 percent of its solid waste from landfill disposal through source reduction, recycling, and composting. Subsequently, Senate Bill 1016 (The Solid Waste Disposal Measurement Act) was implemented to provide a simplified measure of a jurisdiction's performance in accordance with AB 939 by moving to a per capita disposal rate. In addition, County Ordinance 4421 requires permit applicants working on construction and demolition projects within the unincorporated areas of the county to practice waste prevention. The project would not 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. In addition, the project would be constructed in compliance with federal, state, and local management and reduction statutes and regulations related to solid waste. Therefore, the project would result in no impact on solid waste management, regulations, generation, and local infrastructure capacity, and no mitigation is required.

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

No Impact. Operation of the project would not result in the long-term generation or disposal of solid waste. The disposal of solid waste during construction would be short-term, and would be conducted in compliance with federal, state, and local statues and regulations related to solid waste. Therefore, the project would result in no impact on regulations related to solid waste, and no mitigation is required.

3.13.5 Avoidance and Minimization Measures

UTL-1 Temporary stormwater drainage measures to prevent polluted runoff in the construction site would include, but not be limited to, the installation of earth dikes, drainage swales, and ditches, silt fences, desilting basins, and stormwater drain inlet protection.

UTL-2 The location of underground utilities would be confirmed prior to proposed construction activities by contacting the Underground Service Alert of Southern California (DigAlert). If necessary, the County of Ventura (County) would work in close coordination with utility providers to develop a relocation plan to minimize possible impacts and disruption to service utilities.

3.14 Mandatory Findings of Significance

3.14.1 Thresholds of Significance

The following thresholds are used to determine whether the project would result in a significant impact pursuant to CEQA. These thresholds of significance are based in general on Appendix G of the CEQA Guidelines. A mandatory finding of significance is considered significant if the project would:

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

(b) Have impacts that are individually limited, but cumulatively considerable? ("cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects).

(c) Have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly.

3.14.2 Environmental and Mitigation Measures

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

<u>Construction Impacts</u>

Less than Significant Impact. Sections 3.3 through 3.13 address and disclose all potential environmental effects associated with proposed construction activities, which are summarized in **Table ES-1**. Proposed construction activities would result in temporary impacts on the quality of the environment, which include the following:

- The use of construction equipment would also increase emissions of criteria air pollutants that would result in temporary impacts related to air quality and greenhouse gases.
- Removal of habitat and increased noise, vibration, light, carbon dioxide emissions, and human activity could impact wildlife.
- Excavation and other ground-disturbing activities could result in unanticipated fossil discovery and/or unearthing of buried archaeological remains, including prehistoric Native American remains.

- Proposed construction activities, including the remediation of contaminated soils, would generate hazardous wastes and materials.
- Construction activities could result in erosion and increase sediments in stormwater runoff or generate dust.
- The use of construction equipment, which include dozers, pavement breakers, core drills, industrial saws, motor graders, rollers, backhoe loaders, trench diggers, soil compactors, and pavers, would temporarily generate additional noise and vibration in the project area.
- The presence of construction equipment could result in temporary congestion on roadways and delays to emergency service providers.

As discussed in the *Biological Resources* and *Cultural Resources* sections of this EIR, the project would not substantially degrade the quality of the environment. Avoidance and minimization measures from these sections would be implemented to reduce the risk of environmental degradation. Therefore, the project would result in a less than significant impact on the quality of the environment, fish or wildlife species habitat, fish or wildlife population, plant or animal communities, number or restricting the range of a rare or endangered plant or animal, or important examples of the major periods of California history or prehistory, and no mitigation is required.

Operational Impacts

Less than Significant Impact. Sections 3.3 through 3.13 address and disclose all potential environmental effects associated with operation of the project, which are summarized in **Table ES-1**. Operation of the project would not result in potentially significant impacts on the quality of the environment.

The project would be designed and constructed in compliance with required laws, permits, ordinances, and plans. Implementation of the mitigation measures and BMPs found in Sections 3.3 through 3.13 would help minimize potential environmental effects. Therefore, the project would result in a less than significant impact on the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory, and no mitigation is required.

(b) Would the project have impacts that are individually limited, but cumulatively considerable? ("cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

Less than Significant Impact. According to 14 CCR § 15355, "Cumulative impacts" refers to two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts. The cumulative impact from several projects is the change in the environment which results from the incremental impact when added to other closely

related past, present, and reasonably foreseeable future projects. Current projects within two miles of the project area are listed in **Table 4.1-1**.

Construction of 6001 Arcturus Avenue Outdoor Storage Yard Project and Arcturus Warehouse LLC may occur at the same time as the project. Both projects would result in temporary impacts related to air quality, noise, and traffic; however, these would be short-term and conducted in accordance with applicable federal, state, and local regulations which would minimize impacts. The project would not result in impacts which would be cumulatively considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects. Therefore, the project would result in a less than significant impact, and no mitigation is required.

(c) Have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly.

Construction Impacts

Less than Significant Impact. Sections 3.3 through 3.13 address and disclose all potential environmental effects associated with proposed construction activities, which are summarized in **Table ES-1**. As described above, proposed construction activities would result in temporary impacts on the quality of the environment, which could result in direct and indirect effects on human beings, including:

- Health risks associated with greater pollutant emissions and exposure to hazardous wastes and materials.
- Sensitivity to increased noise and vibration.
- Traffic and transportation impacts from temporary lane closures and the movement of construction equipment/vehicles.

Proposed construction activities would comply with required laws, permits, ordinances, and plans. Implementation of avoidance and minimization measures, outlined above in Section 3, would avoid or minimize impacts during construction. Therefore, the project would result in a less than significant impact on human beings during construction, and no mitigation is required.

Operational Impacts

Less than Significant Impact. Sections 3.3 through 3.13 address and disclose all potential environmental effects associated with the operation of the project, which are summarized in **Table ES-1**. As described above, the operation of the project would result in potential impacts on the quality of the environment, which could result in direct and indirect effects on human beings, including:

- Health risks associated with increased criteria air pollutant emissions during operation.

Operation of the project would comply with required laws, permits, ordinances, and plans. Implementation of the mitigation measures and BMPs, identified throughout Section 3**,** would reduce impacts to less than significant. Operation of the project would not result in environmental

effects that would cause substantial adverse effects on human beings, either directly or indirectly. Therefore, the project would result in a less than significant impact on human beings during operation, and no mitigation is required.

4.0 OTHER CEQA CONSIDERATIONS

This section of the EIR addresses other environmental considerations and topics that are mandated under CEQA. These topics include Cumulative Impacts, Alternatives Analysis, Growth-Inducing Impacts, Significant Environmental Effects, Significant and Irreversible Environmental Changes, and Energy Conservation.

4.1 Cumulative Impact Analysis

Section 15130(a) of the CEQA Guidelines requires that an EIR discuss the cumulative impacts of a project when the project's incremental effect is cumulatively considerable. As defined in Section 15355 of the CEQA Guidelines, cumulative impacts are two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts. "Cumulatively considerable" means that the incremental effects of the project are significant when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.

The following sections provide information on past, current, and probable future projects at the project area and vicinity and describe whether there are cumulative impacts from the project and if those impacts are cumulatively considerable.

4.1.1 Past Projects

Previous sections of this EIR have described the existing conditions at the project area. The existing environmental conditions provide useful information on past projects. As discussed in preceding sections, existing development of the project area and vicinity includes Teto's Produce, East Farms, Solimar Farms, Laubacher Berry Farms, and Southland Sod Farms. Anacapa Fresh Logistics is located immediately to the east of the project area.

4.1.2 Current and Probable Future Projects

Within the project study area, 58 proposed developments are under review (see **Table 4.1-1**).

4.1.3 Discussion of Cumulative Impacts

The cumulative impact analysis below is guided by the requirements of CEQA Guidelines 15130. Cultural resources, hazards and hazardous materials, tribal cultural resources, and utilities and service systems are not discussed in the following analysis, as the project impacts would have no impact on the cumulative setting of their respective impact areas.

Agriculture and Forestry Resources

The cumulative setting for agriculture and forestry resources is the County. As discussed above in Section 3.3, the project would require permanent acquisition from existing farmland in the project area, resulting in the conversion of 7.56 acres of Prime Farmland/Farmland of Statewide Importance into a transportation facility. The project would mitigate to ensure the permanent protection of offsite farmland of equal quality at 1:1 ratio (acres preserved: acres converted) through the establishment of an offsite agricultural conservation easement.

Table 4.1-1. Current and Future Development Projects

Project	Project Description	Project Location in Relation to Project Area	Project Status	Jurisdiction
Vehicle Storage	Outdoor vehicle storage on vacant 34-acre lot, to be screened from view from roadway; development includes 240 square foot security guard office trailer, light fixtures, and perimeter fence with landscape screening. APNs: 231-0-092-245, 231-0-092-105	This project is located one mile west of the project area.	This project is currently under construction.	City of Oxnard
Daya Enterprises Gas Station	This project includes the construction of a 3,000 square foot convenience store and fueling station.	This project is located 0.7 mile west of the project area.	A building permit has been approved. Timing of construction has not been determined.	City of Oxnard
Pantoja Trucking	This project includes the construction of a warehouse/shipping facility with outdoor vehicle storage and offices.	This project is located 0.6 mile west of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
Pantoja Trucking	This project includes the construction of a 2.81- acre undeveloped lot to accommodate overflow truck parking for the operation of an existing freight yard.	This project is located 1.6 mile west of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
6001 Arcturus Avenue Outdoor Storage Yard Project	This project is a proposal to operate a surface storage and parking facility to store shipping containers, tractors, trailers, trucks, automobiles, and other port related storage material on a 9-acre site.	This project is located 0.6 mile southwest of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
Arcturus Cold Storage	This project includes the construction of a 103,705 square foot, steel framed cold storage building with 36 truck loading docks and 270 truck/container storage spaces, container storage area with 90 containers stacked three levels high, and a 48 space vehicle parking lot.	This project is located 0.3 mile south of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
Garden City Labor Camp Apartment Complex	This project includes demolition of five of the eight structures and construction of two apartment buildings to accommodate 24 studio and six 1-bedroom restricted special needs affordable units and one manager unit. Three remaining structures would accommodate maximum capacity of 77 bed for farmworker housing. 5600 & 5690 Cypress Road.	This project is located 0.4 mile northwest of the project area.	This project is currently under construction	City of Oxnard

Project	Project Description	Project Location in Relation to Project Area	Project Status	Jurisdiction
Cypress Place at Garden City	This project includes all-affordable 150 dwelling unit apartment complex on a 5.22 acre site. The project includes 3-story buildings with units ranging between 572 and 1,012 square feet in size and includes a learning center and maintenance buildings.	This project is located 0.4 mile northwest of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
Duplex with ADU	This project includes a 2,943 square foot duplex with a 984 square foot detached garage that has an attached 2nd floor 984 square foot ADU. 5905, 5909, 5913 Saviers Road	This project is located 0.4 mile northwest of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
Single Family Home with an ADU	This project includes the conversion of an existing 1,840 square foot church to a 1,296 square foot SFD, with an attached 408 square foot garage, and an attached 586 square foot ADU	This project is located 0.6 mile northwest of the project area.	A building permit has been issued. Timing of construction has not been determined.	City of Oxnard
Cypress Court Tiny Home Duplex	This project includes the development of 30 dwelling units consisting of 15 one-bedroom units, 3 studio units, and 12 loft units ranging from 383 to 511 square feet in size.	This project is located 0.5 mile northwest of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
Pleasant Valley Plaza	This project includes a remodel of an existing shopping center, construction of a new 11,392 square foot commercial/retail building with related site improvements to parking, landscaping, lighting, signage, etc.	This project is located 0.9 mile northwest of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
Etting Road Affordable Apartments	This project includes the construction of 58 affordable apartment units for farmworkers and veterans.	This project is located 1.1 miles north of the project area.	This project is currently under construction	City of Oxnard

Project	Project Description	Project Location in Relation to Project Area	Project Status	Jurisdiction
Dansk Phase 2	This project includes the development of 46 unit, two story apartment building on 1.05 acres. The project requests a zone change, general plan amendment and PD overlay.	This project is located 1.2 miles north of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
Albany Apartments	This project includes the development of 19 Residential Apartment Units on three combine lots of approximately 53,975 square feet, located at 2929 and 2931 Albany Drive	This project is located 1.7 miles north of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
Detached Dwelling	This project includes the construction of a detached two-story, 1,500 square foot single family residence with five total garage spaces on a 16,700 square foot developed lot with two existing homes	This project is located 2.3 miles north of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
Wireless facility	This project includes the construction of a new 70-foot tall mono-eucalyptus tree and associated equipment ground enclosure in the parking lot of a regional commercial shopping center (Port Place Shoppes)	This project is located 2.7 miles northwest of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
Fast Food - Ives Avenue	This project includes the demolition of existing events center (existing monument sign and public art would remain on site) Development of: 2,533 square-foot fast food restaurant with drive thru Related improvements (parking, trash enclosure, sidewalks, patios, landscaping)	This project is located 2.2 miles northwest of the project area.	A building permit has been approved. Timing of construction has not been determined.	City of Oxnard
Mister Softee Mobile Food Commissary	This project would allow for the renovation and tenant improvement of an existing 8,400 square foot. warehouse building on a 23,286 square foot. parcel. The project proposes the conversion of 4,290 square feet of existing tenant space into a new mobile food commissary and would also include a 530 square foot truck wash area and 222	This project is located 2.7 miles northwest of the project area.	A building permit has been approved. Timing of construction has not been determined.	City of Oxnard

Project	Project Description	Project Location in Relation to Project Area	Project Status	Jurisdiction
	square foot trash enclosure within 9,458 square feet of existing yard space.			
C Street Apartments	This project includes 18 Unit apartment complex on 0.85 acre site, located at 1227 & 1239 South C Street, Oxnard CA	This project is located three miles northwest of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
Billboard Lofts	This project includes the construction of a 5-story building to include 51 condominiums and 4,024 square-feet of commercial space. Located on APNs: 202-0-183-120, -110, -100	This project is located 3.3 miles north of the project area.	A building permit has been approved. Timing of construction has not been determined	City of Oxnard
C Street Apartments	This project includes the construction of a 5-story, 175-unit apartment building. Structure would be podium structure with parking and retail space on ground floor with 4 levels of studio, 1-bed and 2-bed units located at APN: 202-0-135-035	This project is located 3.4 miles north of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
19 Unit Apartment Complex	This project includes a 19 unit, four-story apartment complex on a 21,000 square foot vacant site (0.48-acre) with one to three bedroom units on upper floors with parking on ground level. This project is located Across Oxnard Community Park East at APN 202-0-152-305, 315, & 325	This project is located 3.4 miles north of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
637/643 South C Street Apartment	This project is a 57,274 square foot 5-story mixed use apartment building with 36 residential units (4 affordable), 20 parking spaces, 1,619 square-feet of non-residential space and open space on a 0.32-acre project site.	This project is located 3.5 miles north of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard

Project	Project Description	Project Location in Relation to Project Area	Project Status	Jurisdiction
613 South C Street Apartment	This project is a 26,308 square foot 5-story mixed use apartment building with 20 residential units (2 affordable), 12 parking spaces, 656 square-feet of non-residential space, and 1,053 square-feet of open space on a 0.16-acre project site	This project is located 3.5 miles north of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
SA Recycling	This project includes the demolition and reconfiguration of an existing recycling outdoor operation on a 2 acre site and relocate 2,400 square foot modular office building. On and off-site improvements include perimeter curb, gutter, sidewalk landscaping, and new vehicular entrances.	This project is located 3.4 miles northwest of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
Central Terrace Apartments	This project includes the construction of a 5-story building, 88 unit podium style apartment building.	This project is located 3.4 miles northwest of the project area.	This project is currently under construction.	City of Oxnard
Aspire Apartments	This project includes the construction of a 5-story building, 88 unit podium style apartment building.	This project is located 3.4 miles northwest of the project area.	A building permit has been approved. Timing of construction has not been determined.	City of Oxnard
5th Street Banquet Hall	This project includes the conversion of a portion of an existing office building to an assembly hall and event facility and construct a 2,274 square-foot addition.	This project is located 3.6 miles northwest of the project area.	This project is currently under construction.	City of Oxnard
Wireless facility	This project includes the construction of a new 70' tall mono-eucalyptus tree and associated equipment ground enclosure in the railroad ROW near the northeast corner of the intersection of 5th Street and Rose Ave	This project is located 3.4 miles north of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard

Project	Project Description	Project Location in Relation to Project Area	Project Status	Jurisdiction
Roosevelt Duplex	This project includes the construction of a new 4,000 SF attached duplex	This project is located 3.7 miles north of the project area.	A building permit has been approved. Timing of construction has not been determined.	City of Oxnard
Castro Residence	This project includes the construction of 1768 Square feet single family residence with two car garage	This project is located 3.8 miles north of the project area.	Active	City of Oxnard
105 S Roosevelt Multi-Family	This project includes the construction of a two-story 1,760 square-foot residential building on an existing 8,400 square-foot R-2 lot	This project is located 3.8 miles north of the project area.	A building permit has been approved. Timing of construction has not been determined.	City of Oxnard
Single-Family Residence	This project includes the construction of a 2,115 square-foot single-family residence with an attached two-car garage on a 6,925 square-foot lot located within the La Colonia Neighborhood.	This project is located 3.7 miles north of the project area.	This project is under construction.	City of Oxnard
Urban Lofts	This project includes the construction of a 20 unit, five story apartment building on .16 acres. Includes a ground floor commercial unit.	This project is located 3.8 miles north of the project area.	A building permit has been approved. Timing of construction has not been determined.	City of Oxnard
Navigation Center	This project includes the construction of an active homeless shelter and 56 unit supportive housing project.	This project is located 3.8 miles north of the project area.	This project is under construction.	City of Oxnard

Project	Project Description	Project Location in Relation to Project Area	Project Status	Jurisdiction
Sandpiper Apartments	This project includes the construction of a 56 Unit, five story apartment building on 0.32 acres and Includes 2 ground floor commercial units.	This project is located 3.8 miles north of the project area.	A building permit has been approved. Timing of construction has not been determined.	City of Oxnard
Cooper Rd Mixed-use	This project proposes to construct a two-story 5,671 square foot, mixed-use building consisting of 1,437 square-foot of commercial space on the first floor and two, 2-bedroom apartments on the second floor and 4 car garage parking on a 7,640 square foot lot APN 2010121175	This project is located 3.95 miles north of the project area.	This project is under construction.	City of Oxnard
Las Cortes Phase 3	This project includes the construction of 129 affordable units on 8.2 acres, within the Las Cortes Planned Residential Group located at APNs 201-0-100-040 and 201-0-080-090	This project is located 3.8 miles north of the project area.	A building permit has been approved. Timing of construction has not been determined.	City of Oxnard
Wireless Facility	This project includes the construction of 12 antennae on 65' tall mono-pine tree and associated equipment in a ground enclosure.	This project is located 3.5 miles north of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
Tentative Parcel Map	The project includes the subdivision of an existing 3.329-acre parcel that contains three existing industrial buildings for industrial condominium purposes. The proposed subdivision would provide shared access, parking, and landscaping and is located at 2360, 2362, & 2364 Sturgis Road	This project is located 3.6 miles north of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
Union Pacific Railroad (UPRR) Modular Office	This project includes the construction of a 1,200 square foot modular office building for Union Pacific Railroad (UPRR), with access off of Third Street.	This project is located 3.65 miles north of the project area.	A building permit has been approved. Timing of construction has not been determined.	City of Oxnard

Project	Project Description	Project Location in Relation to Project Area	Project Status	Jurisdiction
First & A Street Apartments	This project includes the construction of a 34,452.2 square foot five story mixed use apartment building with 53 residential units (six affordable), 27 parking spaces, and 6,970.9 square feet of open space on a 0.48 acre project site.	This project is located 3.65 miles north of the project area.	A building permit has not yet been issued. Timing of construction has not been determined.	City of Oxnard
Rice Avenue Grade Separation	This project includes the construction of a grade separation on Rice Avenue, where it crosses over State Route 34 and the UPRR tracks. The project would stretch approximately 800 feet north and south of the crossings and would include sidewalks and bike paths in each direction.	This project is located 3.4 miles north of the project area.	The project is currently in final design. Timing of construction has not been determined.	City of Oxnard CIP
Stormwater Conveyance Improvements along Oxnard Boulevard	This project proposes to install an approximately 250 foot long concrete v-ditch along Oxnard Boulevard to the north of Pleasant Valley Road and replace the existing wall along the drainage channel	This project is located 1.3 miles north of the project area.	This project is anticipated to be funded by the end of FY 2024.	City of Oxnard CIP
4th Street Mobility Improvements	This project proposes to widen sidewalks, replace and upgrade streetlights, install Class I and IV bike lanes along 4th Street from Oxnard Blvd. to C Street, and improve bus stop at 4th Street and B Street. Includes installation of restrooms adjacent to parking structure and upgrades to the OTC, which would include bike lockers, improved walkways and better overall accessibility and visibility.	This project is located 3.7 miles north of the project area.	This project is anticipated to be funded by the end of FY 2024.	City of Oxnard CIP
Bard Road Corridor Bicycle & Pedestrian Improvements	This project proposes to install high visibility crosswalks, advance warning flashing beacons, advance stop bars, green bike conflict striping, leading pedestrian interval timing, traffic signal retro-reflective backplates, and median improvements to improve turning movement safety.	This project is located 1.2miles north of the project area.	This project is anticipated to be funded by the end of FY 2025.	City of Oxnard CIP
Blackstock and Pleasant Valley Estates Neighborhood Stormdrain Improvements	Blackstock and Pleasant Valley Estates Neighborhood Stormdrain Improvements Projects	This project is located one mile north of the project area.	This project is anticipated to be funded by the end of FY 2027.	City of Oxnard CIP

Project	Project Description	Project Location in Relation to Project Area	Project Status	Jurisdiction
Etting Road Bicycle & Pedestrian Facilities Installation	This project proposes to install new Class II street bike lanes, sidewalks, crosswalks, flashing pedestrian beacons, and ADA improvements along Etting Road.	This project is located one mile north of the project area.	This project is anticipated to be funded by the end of FY 2024.	City of Oxnard CIP
Five Points Intersection Modernization	This project proposes to analyze short, medium, and long term needs at this intersection. Requires coordination with various traffic signal entities including CPUC, VCRR, Port of Hueneme, Caltrans Division of Rail, VCTC and others. Immediate improvements at the intersection include rewiring of the intersection and signal head replacement.	This project is located 3.1 miles north of the project area.	This project is anticipated to be funded by the end of FY 2024.	City of Oxnard CIP
Ramona Preschool Pedestrian Crossing Enhancements	This project propose to install curb extensions, crosswalks, flashing pedestrian beacons, signage, and ADA improvements at intersections adjacent to Ramona Preschool.	This project is located 3.9 miles north of the project area.	This project is anticipated to be funded by the end of FY 2024.	City of Oxnard CIP
6859 Arnold Road	The project site includes portions APNs 231-0-080-085 and 231-0-080-070. The applicant proposes the removal of approximately 1.52 acres (66,211 square feet) located within the Ventura County Coastal Zone on parcels 231-0-040-085 and 231-0-080-070 from the existing CUP area. The applicant proposes the addition of approximately 3.19 acres of APN 231-0-040-315 to the CUP area to accommodate an additional fire access road and compost expansion area.	This project is located 1.5 miles south of the project area.	This project is in preparation for hearing.	Ventura County Resource Management Agency
202 Ocean Drive	This project proposes a Coastal Development Permit and Administrative Variance for a new mixed use 3 story structure on a 20 foot by 70 foot generally level 1400 square foot vacant corner lot. The project consists of 280 square feet of ground level retail/office space including a 62 square foot single occupancy accessible restroom; second and third floor dwelling totaling 1,350 square feet; Roof deck and terraces totaling 1,010 square feet; 140 square foot stacked 2 car carport with ground level access.	This project is located 2.8 miles west of the project area.	On Appeal	Ventura County Resource Management Agency

Project	Project Description	Project Location in Relation to Project Area	Project Status	Jurisdiction
157-159 Los Angeles Avenue	This project propose a Coastal Development Permit and Tentative Parcel Map to subdivide an existing two family home into 2 condominium units in the Residential Beach Harbor (RBH) Zone and the Very High Density Residential Coastal Area Plan land use designation at a property addressed as 157 and 159 Los Angeles Avenue in the Unincorporated Area of Silverstrand Beach. The existing 1960 sq. ft. duplex is being split into two parcels with proposed unit 1 of 997 sq. f.t and proposed unit 2 of 963 sq. ft. Water and sewer are provided by the Channel Islands Community Service District. Each unit has two covered parking spaces.	This project is located 2.8 miles west of the project area.	Coastal Commission Review	Ventura County Resource Management Agency
136 Los Angeles Avenue	This project proposes a Planned Development Permit at a property addressed as 136 Los Angeles Avenue in the Coastal Area of Silver Strand to permit a new 357square foot one-story attached ADU; Remodel existing 785 square foot one story residence; Remodel existing 141 square foot garage; New windows and doors; New roofing; Demolish 21 square foot entry porch roof; New 15 square foot entry stoop and 10 square foot ADU stoop; Add a 247 square foot near-grade patio; New 200 amp electrical service and rewire; New plumbing and HVAC.	This project is located 2.8 miles west of the project area.	Approved	Ventura County Resource Management Agency
317 Rossmore Drive	This project proposes a VM with parcel 2060313260 and 2060313270 in coastal zone. Two properties are being merged to address a setback issue of an illegal porch addition.	This project is located 3.3 miles west of the project area.	Approved	Ventura County Resource Management Agency

Source: (City of Oxnard, 2024; County of Ventura, 2024; WKE, Inc., 2023; City of Oxnard, 2022; County of Ventura, 2024)

If other projects were to acquire farmland above the County's threshold, they would be required to implement the same mitigation. Therefore, the project would not have cumulatively considerable impacts on agriculture and forestry resources.

Air Quality

The cumulative setting for the air quality analysis is the South Coast Air Basin. As discussed above in Section 3.4, the project would not result in a long-term impact on the region's ability to meet state and federal air quality standards. The project's long-term influence would also be

consistent with the goals and policies of SCAQMD's AQMP. Long-term operations of other development projects may contribute to cumulative emissions; however, the compliance of those projects with SCAQMD's AQMP is anticipated to reduce cumulative impacts and in doing so would not result in cumulatively considerable air quality impacts.

Exhaust emissions from construction activities include emissions associated with the transport of machinery and supplies to and from the project area, emissions produced onsite as the equipment is used, and emissions from trucks transporting materials to/from the site. Construction equipment and worker vehicle exhaust emissions related to the project would be below the established SCAQMD thresholds. Excessive fugitive dust emissions created during clearing, grading, earth moving, or excavation operations would be minimized with avoidance and minimization measures outlined in Section 3.4 above. However, because the project's construction emissions would not exceed SCAQMD thresholds, its air emissions would be within the regional air emissions budget. With compliance with standard regulations, potential impacts on air quality would be expected to be avoided, minimized, or mitigated. Therefore, the project would not have cumulatively considerable impacts on air quality.

Biological Resources

The cumulative setting for biological resources analysis is Ventura County. Due to the agricultural/developed setting, the project area contains relatively minimal habitat for special-status species. As discussed above in Section 3.5, there is no evidence of any special-status species in the project area, based on habitat requirements, nine special-status wildlife species have the potential to occur in the BSA. While these species would experience temporary impacts during construction, these impacts would be reduced through implementation of measures **BIO-17** through **BIO-27**. During operation, lighting, noise, human activity, and maintenance activities associated with the widened roadway would not be substantially different from existing conditions.

Relocation of irrigation and water facilities would result in permanent impacts on approximately less than 0.01 acre of non-wetland waters potentially under RWQCB jurisdiction and approximately 0.02 acre potentially under CDFW jurisdiction. With implementation of measure **BIO-6**, impacts on jurisdictional features would be minimized.

It is anticipated that other future development projects would be required to minimize impacts on species and jurisdictional waters in a manner similar to the project. The project would not conflict with locally adopted biological policies and ordinances. With compliance with standard regulations, potential impacts on biological resources would be expected to be avoided, minimized, or mitigated. Therefore, the project would not have cumulatively considerable impacts on biological resources.

Cultural Resources

The cumulative setting for cultural resources is the APE. As discussed above in Section 3.6, no cultural resources were identified in the APE, and if cultural resources were encountered during construction, they would be treated as per the measures outlined in Section 3.6.5. Therefore, the project would not result in adverse impacts on cultural resources. Other projects are required to

comply with standard regulations requiring the protection of cultural resources. Consultation with Native American groups/individuals would be ongoing throughout the project development process and would be incorporated in subsequent drafts of the report. With compliance with standard regulations, potential impacts on cultural resources would be expected to be avoided, minimized, or mitigated. Therefore, the project would not have cumulatively considerable impacts on cultural resources.

Greenhouse Gas Emissions

The cumulative setting of the GHG emissions analysis is the SCAB. As discussed above in Section 3.7, the project would be designed and implemented in accordance with applicable laws and regulations to reduce GHG emissions. Other planned and approved projects are expected to comply with these regulations. With compliance with standard regulations, potential impacts on greenhouse gas emissions would be expected to be avoided, minimized, or mitigated. Therefore, the project would not have cumulatively considerable impacts on greenhouse gas emissions.

Hazards and Hazardous Materials

The cumulative setting for hazards and hazardous materials is the project area. Historic land uses within the project area have contributed to an accumulation of potentially hazardous wastes and materials in man-made structures, soils, and groundwater. As discussed above in Section 3.8, the project's effects related to hazardous waste would be minor in the short-term. During operation, Hueneme Road would operate similarly to the existing condition, and all routine maintenance activities would be conducted in compliance with applicable regulations governing the use, storage, handling, transportation, and disposal of potentially hazardous materials. Other planned and approved projects are expected to comply with federal, state, and local regulations. With compliance with standard regulations, potential impacts on hazards and hazardous materials would be expected to be avoided, minimized, or mitigated. Therefore, the project would not have cumulatively considerable impacts on hazards and hazardous materials.

Hydrology and Water Quality

The cumulative setting for hydrology and water quality is the Calleguas Creek watershed. As discussed above in Section 3.9, there are 11 drainages and one cattail marsh located within the project area. The project would require relocation of two of these drainages. Construction could result in temporary impacts on these waterways from construction materials, dust, and/or debris that would impact water quality. The widening of the roadway would result in an increase of approximately 339,000 square feet of impervious surface area. Additional stormwater runoff would drain as it does now to the relocated ditch to the north, or sheet flow over the existing roadway to adjacent parcels to the south, which matches the existing condition. Avoidance and minimization measures would be implemented to minimize impacts. Other planned or approved projects would be expected to determine mitigation/minimization measures to reduce impacts from their projects. With compliance with standard regulations, potential impacts on hydrology and water quality would be expected to be avoided, minimized, or mitigated. Therefore, the project would not have cumulatively considerable impacts on hydrology and water quality.

Noise

The cumulative setting for noise is the project vicinity, including nearby sensitive land uses. As discussed above in Section 3.10, construction activities associated with the project may result in increased sources of noise at nearby receptors. Other planned and approved projects would be required to evaluate construction noise impacts and implement mitigation, if necessary. Construction activities associated with other development projects would make a minimal cumulative contribution to ambient noise levels, because the timing of those activities would overlap minimally, if at all, with the project. Furthermore, noise is a highly localized phenomenon; therefore, even if construction noise did overlap, no significant cumulative effect would occur because these projects are not adjacent to the project. Construction noise from the project would not combine with noise from other development projects to cause cumulatively considerable noise impacts. Because construction noise would generally be limited to daytime hours and would be short-term in duration, compliance with standard regulations would avoid, minimize, or mitigate potential impacts. Therefore, the project would not have cumulatively considerable impacts on noise.

Transportation

The cumulative setting for transportation is the Ventura County surrounding the project area and projects identified for base year and future year conditions. As discussed above in Section 3.11, the project would result in a reduction of 9,005 VMT in project 2016 conditions and 15,795 VMT in project 2040 conditions due to short-term induced VMT. Long-term induced VMT is not anticipated to be significant, as the area surrounding the project is not growth-inducing due to land use constraints. Other planned and approved projects would also add new trips to local roadways. With compliance with standard regulations, potential impacts on transportation would be expected to be avoided, minimized, or mitigated. Therefore, the project would not have cumulatively considerable impacts on transportation.

Tribal Cultural Resources

The cumulative setting for tribal cultural resources is the APE. As discussed above in Section 3.12, the project area has a long history of ground disturbance from previous agricultural uses and development. This indicates that the topsoil has been regularly disturbed over the past 86 years. The extensive previous excavation, re-compaction, and fill soils onsite have limited the potential of the site to contain tribal cultural resources. As a result of the consultation with the tribe, no tribal cultural resources were identified within the project area, and the project would not result in significant impacts on tribal cultural resources. If tribal cultural resources were discovered during construction, measures outlined in Section 3.12.5 would be implemented. Consultation with Native American groups/individuals would be ongoing throughout the project development process and would be incorporated in subsequent drafts of the report. The tribe requested to monitor for ground disturbing activities related to ditch relocation, SCE's power pole relocation, and any scraping/grubbing required to prepare the site. In addition, the tribe requested to reserve the right to determine if additional monitoring may need to be required and to conduct pre-construction training for construction workers prior to the initiation of construction. With

compliance with standard regulations, potential impacts on tribal cultural resources would be expected to be avoided, minimized, or mitigated. Other projects would be required to comply with standard regulations requiring the protection of tribal cultural resources. With compliance with standard regulations, potential impacts on tribal cultural resources would be expected to be avoided, minimized, or mitigated. Therefore, the project would not have cumulatively considerable impacts on tribal cultural resources.

Utilities and Service Systems

The cumulative setting for utilities/emergency services is the service area of the utility providers. As discussed above in Section 3.13, the project would not be expected to adversely affect utilities or emergency services in the County because the project would be within an existing transportation corridor. However, minor utility impacts may occur during construction. The County would coordinate with utility providers to help minimize any disruptions. In addition, the project would not directly induce growth greater than what is planned by the County, the project would not result in the need for additional utilities or emergency services. The project is intended to improve safety and efficiency in the transportation corridor, which could improve emergency vehicle access. With compliance with standard regulations, potential impacts on utilities and service systems would be expected to be avoided, minimized, or mitigated. Therefore, the project would not have cumulatively considerable impacts on utilities and service systems.

4.2 Alternatives Analysis

For the purposes of the Alternatives Analysis, four alternatives were identified: one No Build Alternative and three Build Alternatives.

- No Build Alternative
- Alternative 1 – Widening on Both Sides
- Alternative 2 – Widening on One Side
- Alternative 3 – Hybrid (Selected Alternative)

4.2.1 No Build Alternative

Under the No Build Alternative, project improvements would not be developed or constructed on Hueneme Road within the project area. This alternative would maintain the current configuration of the roadway segments and local intersections within the project area. The No Build Alternative would not address the purpose and need of the project.

4.2.2 Environmentally Superior Alternative - Hybrid

The identification of the environmentally superior alternative was based on the criteria described in the Executive Summary. Three Build Alternatives were originally under consideration and Build Alternative 3 was selected as the environmentally superior alternative. When compared to the other alternatives, the environmentally superior alternative had fewer impacts on utility poles, driveways, and culverts when compared to Build Alternatives 1 and 2.

The environmentally superior alternative would use a combination of widening both sides or only one side in certain areas to reduce impacts in sensitive areas. From the City of Oxnard city limits to the Olds Road intersection, Hueneme Road would be widened to the south. From the Olds Road intersection, Hueneme Road would be widened on both sides at the Rice Avenue intersection. This alternative would require 9.3 acres of ROW acquisition from 30 parcels. Alternative 3 would also require the removal of four building structures and the relocation of 41 SCE utility poles. Modifications to traffic signals would be required at three intersections. Four private water facilities within the project area would need to be protected in place, and 10 facilities would need to be relocated. The total new pavement area would be 7.8 acres.

4.2.3 Alternative 1 – Widening on Both Sides

Alternative 1 would widen Hueneme Road approximately 20 feet on both sides. The roadway fill embankments would range from close to existing to approximately five feet. Drainage would need to be extended, and existing roadside ditches would need to be relocated. The project would require upgrading and modifying three traffic signals. This alternative would acquire approximately the same right of way width from each property owner. This would require 9.1 acres of property acquisition from 29 separate parcels. In addition, Alternative 1 would require the removal of one building structure. Hueneme Road is a major utility corridor, with SCE utility poles at close proximity to the roadway. A total of 58 poles would need to be relocated. Three intersections would require modifications to traffic signals, but Alternative 1 would only require modifications to half of the intersections. Water purveyors have three water facilities within the project area that would need to be protected in place, and four facilities that would need to be relocated. The total new pavement area would be 7.46 acres. Alternative 1 was eliminated from further consideration primarily due to greater utility and drainage impacts. Widening the roadway on both sides would result in an increased number of utilities, such as power poles, and drainage ditches that would need to be relocated.

4.2.4 Alternative 2 – Widening on One Side

Alternative 2 would widen the roadway approximately 38 feet on one side where the impacts would be less adverse. In general, the project would widen one side of the roadway; however, the existing roadway shoulder and shoulder backing on the opposite side of the road would be brought to County standards. From the Oxnard City limits to the Rice Avenue intersection, Hueneme Road would be widened to the south. This alternative would require 9.9 acres of ROW acquisition from 29 parcels. In addition, Alternative 2 would require the removal of one building structure and the relocation of 63 SCE utility poles. Three intersections would require modifications to traffic signals. Water purveyors have six water facilities within the project area that would need to be protected in place, and two facilities that would need to be relocated. Furthermore, total new pavement area would be 6.71 acres. Alternative 2 was eliminated from further consideration primarily due to greater parcel and utility impacts. Widening the roadway on one side would result in greater utility impacts, such as power poles, and require increased ROW acquisitions from parcels on the widened side of the roadway.

4.3 Growth-Inducing Impacts of the Proposed Action

Section 15126.2(e) of the CEQA Guidelines requires that an EIR address growth-inducing impacts from a project. The CEQA Guidelines identify a project as growth-inducing if it would foster economic or population growth or the construction of additional housing, either directly or indirectly, in the surrounding environment. A project could indirectly induce growth by reducing or removing barriers to growth, or by creating a condition that attracts additional population or new economic activity. Impacts related to growth inducement would also be realized if a project provides infrastructure or service capacity which accommodates growth beyond the levels currently permitted by local or regional plans and policies.

In general, growth induced by a project is considered a significant impact if the growth directly or indirectly affects the ability of agencies to provide needed public services, or if it can be demonstrated that potential growth significantly affects the environment in some other way.

Construction of the project would not result in long-term changes to travel times, travel cost, or accessibility to employment, businesses and/or services in the immediate project location or project vicinity. During construction of the project, no vacant lands that are currently inaccessible would become permanently accessible and, therefore, more likely to be developed following construction of the project.

Workforce requirements associated with the construction of the project are expected to result in most workers coming from the local area. However, if a workforce influx were to occur, it would be temporary in nature and would cease upon completion of construction.

The project is in an agricultural region with minimal opportunity for development. Adjacent land uses consist of Agriculture, Industrial, Commercial and Services, Transportation, Communications and Utilities, and Single-Family Residential (Ventura County, 2020). The parcels within the project limits from which ROW is anticipated to be acquired are primarily agricultural. Agricultural land is highly protected within the County and is not susceptible to development.

Although the project would improve traffic operations throughout the project area, the project would not create new opportunities for access to areas that are not already afforded access under the existing conditions of the roadway; therefore, the project would not substantially change accessibility to adjacent and nearby properties.

The existing road plays a key role for tourists and commercial traffic (e.g., goods movement) along the roadway corridor. Continued growth in the region is anticipated in the future, creating an even greater need for improvement of the operation (e.g., VMT). The project would include widening Hueneme Road to make it more efficient and to reduce associated congestion in the immediate project area.

The project is located on an existing roadway facility near existing roadways, providing access to existing development. The project has been designed to accommodate present and projected increases in traffic volumes resulting from previously implemented and planned development in the area; therefore, project-related growth is not anticipated as a result of the project.

4.4 Significant Environmental Effects

Section 15126.2(a) of the CEQA Guidelines requires that an EIR address the significant environmental effects of a project. The project would not result in any significant environmental effects, as outlined in Section 3.3 through Section 3.14.

4.5 Significant and Irreversible Environmental Changes

Section 15126.2(d) of the CEQA Guidelines requires that an EIR discuss significant and irreversible environmental changes that would occur should the project be implemented. An impact would fall into this category if:

- A project would involve a large commitment of nonrenewable resources;
- The primary and secondary impacts of a project would generally commit future generations to similar uses;
- A project involves uses in which irreversible damage could result from any potential environmental accidents associated with the project; or
- The proposed consumption of resources is not justified (e.g., the project results in wasteful energy).

The project would not result in significant and irreversible environmental changes, as outlined in Section 3.3 through Section 3.14.

4.6 Energy Conservation

Consistent with Section 15126.4(a)(1)(c) and Appendix F of the CEQA Guidelines, this section of the EIR addresses the potential for the project to result in the inefficient, wasteful, or unnecessary consumption of energy.

4.6.1 Regulatory Setting

The following regulatory setting is a summary of the plans, policies, and regulations that govern energy consumption on the federal and state levels.

Federal Energy Policy and Conservation Act

The Energy Policy and Conservation Act of 1975 required that all vehicles sold in the U.S. meet certain fuel economy goals. The National Highway Traffic and Safety Administration, which is part of the U.S. Department of Transportation, was given the authority to establish additional vehicle standards and to revise existing standards.

Vehicles accessing the project area are subject to the Federal Energy Policy and Conservation Act. The project is therefore consistent with and would not interfere with or obstruct implementation of the Federal Energy Policy and Conservation Act.

Intermodal Surface Transportation Efficiency Act of 1991

In 1991, Congress established the Intermodal Surface Transportation Efficiency Act (ISTEA) to promote the development of inter-modal transportation systems, maximize mobility, and address national and local interests in air quality and energy. To meet the new ISTEA requirements, MPO (which are federally mandated transportation policy-making organizations) had to adopt social, economic, energy, and environmental policies to guide transportation decisions in the region.

Transportation access to the project area is primarily provided by local and regional roadway systems. The project would not interfere with or obstruct intermodal transportation plans or projects that may be implemented pursuant to ISTEA.

The Transportation Equity Act for the 21st Century

The Transportation Equity Act for the 21st Century (TEA-21) was signed into law in 1998 and builds upon the initiatives established in the ISTEA legislation, discussed above. TEA-21 authorizes highway, highway safety, transit, and other efficient surface transportation programs.

The project area is easily accessible from major transportation corridors and the Interstate freeway system. The project would be consistent with and would not interfere with or obstruct implementation of TEA-21.

State of California Energy Plan

The CEC identifies emerging trends in energy supply, demand, conservation, public health and safety, and the maintenance of a healthy economy in the State of California Energy Plan. The plan calls upon the state to reduce congestion and increase the efficient use of fuel supplies.

The project area is easily accessible from major transportation corridors and the interstate freeway system. The project would be consistent with and would not interfere with or obstruct implementation of the State of California Energy Plan.

4.6.2 Environmental Setting

In 2022, total energy consumption in California was 6,882 trillion British Thermal Units (BTU, which is the amount of heat required to raise the temperature of one pound of liquid by one ˚F) (U.S. Energy Information Administration, 2024). Transportation use accounted for approximately 42 percent of total energy consumption, or 2,916 trillion BTUs.

Petroleum-based fuels (e.g., gasoline and diesel) account for 86 percent of the state's transportation needs (University of California, 2021). Therefore, the state is largely dependent on a single type of transportation fuel. The state is working on developing strategies to reduce petroleum use by developing alternative transportation fuels.

4.6.3 Standards of Significance

Appendix F of the CEQA Guidelines, as adopted by the County, indicates that a project would have a significant impact related to energy consumption if the project would result in:

- Wasteful, inefficient, and unnecessary usage of energy; or

- Placement of a significant demand on regional energy supply or requirement for substantial additional capacity.

4.6.4 Potential Impacts

Less than Significant Impact. Construction is expected to last approximately 12 months; during this period, there would be a temporary increase in construction-related trips and fuel consumption from vehicles and construction equipment. Construction equipment would be largely powered by gasoline and diesel. These trips would include delivery of construction materials and equipment, operation of construction vehicles for clearing and grading, and arrival and departure of construction workers. Construction vehicle and equipment use along the roadways surrounding the construction area may result in temporary impacts on the circulation system, which would result in increased fuel consumption from traffic during the delays. However, construction-generated traffic would be anticipated to be dispersed over multiple roadways. In addition, construction vehicles and equipment would only be on the roadways surrounding the construction site during construction. Construction-related trips would also be scheduled during off-peak hours, as feasible.

The project would not result in a permanent new source of energy demand. Following construction, long term operation of the project would improve energy use, as vehicles would spend less time idling, and more people would use alternate modes of transportation. Therefore, the project would result in a less than significant impact on energy conservation, and no mitigation is required.

5.0 COMMENTS AND COORDINATION

5.1 Introduction

Early and continuing coordination with the general public and public agencies is an essential part of the environmental process, which helps planners determine the required scope of environmental documentation and the level of analysis required, and to identify potential impacts and avoidance, minimization and/or mitigation measures and related environmental requirements. Agency consultation and public participation for this project have been accomplished through a variety of formal and informal methods, including Project Development Team (PDT) meetings, interagency coordination meetings, and scoping meetings. This chapter summarizes the results of the County's efforts to fully identify, address, and resolve project-related issues through early and continuing coordination.

5.2 Consultation and Coordination with Public Agencies

5.2.1 Required Permits and Approvals

The status of required permits and approvals for the project are as follows:

- A VCAPCD Air Pollution Control Permit would be required prior to construction.
- A CDFW Section 1602 Streambed Alteration Agreement is required prior to construction.
- A Porter-Cologne Act Waste Discharge Requirements is required prior to construction of the project.

5.2.2 County of Ventura Coordination

The County has continued to coordinate with various County departments, Caltrans, and the PDT to ensure that stakeholders' concerns are addressed.

5.2.3 Southern California Edison Consultation

SCE is a responsible agency under CEQA. A responsible agency is an agency other than the lead agency with a legal responsibility for carrying out or approving a project. The County conducted a call with SCE on March 5, 2024 to discuss SCE's process for CEQA compliance, as well the power poles that would need to be relocated as part of the project.

5.2.4 California Transportation Commission

The CTC is a responsible agency under CEQA, due to receiving Trade Corridor Enhancement Program funding. The County is required to send the Draft EIR to CTC for review in support of CEQA Determination.

5.2.5 Native American Consultation

An inquiry to the NAHC was submitted on January 19, 2023, to ascertain the presence of known sacred sites, Native American cultural resources, and/or human remains within the boundaries of the project. On February 7, 2023, the NAHC indicated that there have been no Native American cultural resources identified within their Sacred Lands File for the project location. The NAHC

provided a list of 10 Native American groups/individuals who may have additional information about the project area. Caltrans contacted the 10 Native American groups/individuals on January 18, 2024, by letter to determine if they have any additional information, and whether the Native American tribes would like to request consultation pursuant to PRC Section 21080.3.1 under AB 52. The following individual responded:

- Gabriel Frausto of the tribe requested Native American monitoring for all ground-disturbing activities associated with the drainage ditch relocation on the north side of Hueneme Road, the SCE power pole relocations, and any scraping/grubbing required to prepare the site.

5.3 Public Participation

5.3.1 Public Participation Methods

The following public outreach meetings were held in 2025:

- Week of March 10, 2024: County representatives met with adjacent property owners to disclose impacts anticipated as part of the project.
- April 15, 2024: A public information meeting was held to present the project background, proposed project design, environmental process, anticipated schedule, and opportunities for the public to participate as the project advances.

5.3.2 Results of Public Participation

Comments and Responses Received on Draft EIR

The 45-day public comment period began on October 1, 2025, and ended on November 14, 2025. Two written comments were received during the public review period. The full written comments are available in **Appendix K**.

Response to Comments on Draft EIR

The full written comments and responses are available in **Appendix K**.

6.0 REFERENCES

AMBIENT Air Quality & Noise Consulting. (2025). *Air Quality Report.*

AMBIENT Air Quality & Noise Consulting. (2025). *Noise Study Report.*

American Society of Test Materials. (2021). Retrieved from Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process: https://www.astm.org/e1527-21.html

Board of Forestry and Fire Protection. (2025). *State Responsibility Area Five-Year Review*. Retrieved from https://calfire-umb05.azurewebsites.net/projects-and-programs/state-responsibility-area-viewer/

California Air Resources Board. (2017). *Short-Lived Climate Pollutant Reduction Strategy*. Retrieved from https://www.arb.ca.gov/cc/shortlived/meetings/03142017/final_slcp_report.pdf

California Air Resources Board. (2022). *The 2022 Climate Change Scoping Plan Update*. Retrieved from Ab 32 Scoping Plan: https://www.arb.ca.gov/cc/scopingplan/2030sp_pp_final.pdf

California Air Resources Board. (2024). *Air Quality Standards*. Retrieved from https://ww2.arb.ca.gov/resources/background-air-quality-standards

California Code of Regulations. (2023). Retrieved from Thomson Reuters Westlaw: https://govt.westlaw.com/calregs/Document/I1E53FFB07FAB11EDB480C5F6D8CC55FC?viewType=FullText&originationContext=documenttoc&transitionType=CategoryPageItem&contextData=(sc.Default)

California Department of Conservation. (2022). *Important Farmland Finder Map*. Retrieved from https://maps.conservation.ca.gov/dlrp/ciff/app/

California Department of Conservation. (2025). *Williamson Act Enrollment Finder.* Retrieved February 2, 2016, from https://maps.conservation.ca.gov/dlrp/WilliamsonAct/

California Department of Conservation, D. o. (2015, November 3). *The Land Conservation Act.* Retrieved from http://www.conservation.ca.gov/dlrp/lca

California Department of Fish and Wildlife. (2019, 08 21). *Terrestrial Connectivity - ACE [ds2734]*. Retrieved September 11, 2023, from California Department of Fish and Wildlife Geographic Information Systems (GIS) Services: https://map.dfg.ca.gov/metadata/ds2734.html

California Department of Fish and Wildlife. (2019, 08 21). *Terrestrial Connectivity - ACE [ds2734]*. Retrieved September 11, 2023, from California Department of Fish and Wildlife Geographic Information Systems (GIS) Services: https://map.dfg.ca.gov/metadata/ds2734.html

California Department of Fish and Wildlife. (2023a, August 7). *California Natural Diversity Database (CNDDB)*. Retrieved August 7, 2023, from California Natural Diversity Database: https://www.wildlife.ca.gov/data/cnddb/maps-and-data

California Department of Fish and Wildlife. (2023b, September 11). *Biogeographic Information and Observation System (BIOS)*. Retrieved September 11, 2023, from BIOS: https://wildlife.ca.gov/Data/BIOS

California Department of Forestry and Fire Protection. (2024). *Fire Hazard Severity Zones viewer in the State Responsibility Area*. Retrieved from https://osfm.fire.ca.gov/what-we-do/community-wildfire-preparedness-and-mitigation/fire-hazard-severity-zones

California Native Plant Society. (2023, July 27). *A Manual of California Vegetation*. Retrieved July 2023, 2023, from Vegetation CNPS: https://vegetation.cnps.org

California Native Plant Society. (2023a, January 18). *Inventory of Rare and Endangered Plants of California (online edition , v8-03 0.45)*. Retrieved January 18, 2023, from California Native Plant Society: www.rareplants.cnps.org/

California Public Utilities Commission. (2008). *California Long Term Energy Efficient Strategic Plan*. Retrieved from chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.cpuc.ca.gov/-/media/cpuc-website/files/legacyfiles/e/5305-eestrategicplan.pdf

California Regional Water Quality Control Board. (2019). *Water Quality Control Plan - Los Angeles Region*. Retrieved from https://www.waterboards.ca.gov/losangeles/water_issues/programs/basin_plan/basin_plan_documentation.html

California Regional Water Quality Control Board, Los Angeles Region. (2002). *Tissue, Sediment, and Benthic Infauna Data Revolon Slough Main Branch: Mugu Lagoon to Central Avenue*. Retrieved from https://www.waterboards.ca.gov/losangeles/water_issues/programs/303d/2002/factsheet/revolon%20slough%20main%20branch-fact%20sheet.pdf

California Regional Water Quality Control Board, Los Angeles Region. (2020). *Basin Plan for the Coastal Watersheds of Los Angeles and Ventura Counties*. Retrieved from https://www.waterboards.ca.gov/losangeles/water_issues/programs/basin_plan/basin_plan_documentation.html

City of Oxnard. (2022). *Restoring Oxnard: Capital Improvement Program 2022-27.* Retrieved from City of Oxnard: https://www.oxnard.org/wp-content/uploads/2022/11/CIP22_27_Final.pdf

City of Oxnard. (2024, January). *Development Project List*. Retrieved from https://www.oxnard.org/city-department/development-services/project-list/

County of Ventura. (2010). *Construction Noise Threshold Criteria and Control Plan*. Retrieved from chrome-

extension://efaidnbmnnnibpcajpcglclefindmkaj/https://docs.vcrma.org/images/pdf/planning/ceqa/Construction_Noise_Thresholds.pdf

County of Ventura. (2011). *Ventura Countywide Bicycle Master Plan*. Retrieved from chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://ca-ventura.civicplus.com/DocumentCenter/View/1758/Adopted-2011-Bicycle-Master-Plan-PDF?bidId=

County of Ventura. (2016). *Ventura County Road INventory and Index*. Retrieved from chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/http://pwaportal.ventura.org/TD/Residents/Streets_and_Transportation/Reports_and_Programs/AP_RoadInventory.pdf

County of Ventura. (2021). Retrieved from Emergency Operations Plan: https://www.readyventuracounty.org/county-plans/

County of Ventura. (2021). *Emergency Operations Plan*. Retrieved from https://ready.venturacounty.gov/county-plans/#:~:text=The%20County%20of%20Ventura%20Emergency,major%20emergency%20or%20disaster%20event.

County of Ventura. (2021). *Ventura County Operational Area Emergency Operations Plan*. Retrieved from Ready Ventura County: chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://s48240.pcdn.co/wp-content/uploads/2025/08/EOP-Final-Eng_Redact-013122-with-Hlinks.pdf

County of Ventura. (2022). *Cultural Heritage Ordinance Update*. Retrieved from County of Ventura Resource Management Agency: chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://vcrma.org/docs/images/pdf/planning/programs/chb/Ordinance_4604.pdf

County of Ventura. (2024, October). *Approved Project as of October 9,2024*. Retrieved from chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://vcrma.org/wp-content/uploads/2024/07/recently-approved-projects.pdf

County of Ventura. (2024, October). *Pending Projects as of October 9, 2024*. Retrieved from chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://vcrma.org/wp-content/uploads/2024/07/pending-projects.pdf

County of Ventura. (2025). *Ventura County Initial Study Assessment Guidelines.* Retrieved February 1, 2016, from chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://rma.venturacounty.gov/wp-content/uploads/2025/07/02-Agriculture-and-Forestry-Resources.pdf

Duke Cultural Resources Management. (2024). *Archaeological Survey Report*.

Federal Emergency Management Agency. (2021). *Flood Insurance Rate Map*. Retrieved from https://msc.fema.gov/portal/search?AddressQuery=skyway%20dr%20and%20neal%20rd%2C%20paradise%2C%20ca#searchresultsanchor

Federal Emergency Management Agency. (2021). *Flood Insurance Rate Map*. Retrieved from https://msc.fema.gov/portal/search?AddressQuery=skyway%20dr%20and%20neal%20rd%2C%20paradise%2C%20ca#searchresultsanchor

Federal Geographic Data Committee, Vegetation Subcommittee. (2023, October 4). USNVC (United States National Vegetation Classification) Database Version 2.04. Washington D.C. Retrieved October 4, 2023, from https://usnvc.org/explore-classification/

Federal Highway Administration. (2020). Retrieved from U.S. Department of Transportation: https://www.fhwa.dot.gov/planning/national_highway_system/nhs_maps/california/

Federal Transit Adminisration. (2018). *Transit Noise and Vibration Impact Assessment Manual.*

Geocon West. (2024). *Initial Site Assessment*.

GPA Consulting. (2023). *Biological Resources Assessment*.

GPA Consulting. (2023). *Farmland Parcel Right-of-Way.*

GPA Consulting. (2023). *Hueneme Road Widening Project - Waterways Investigation.*

GPA Consulting. (2023). *Water Quality Assessment Report*.

GPA Consulting. (2023). *Water Quality Assessment Report*.

GPA Consulting. (2024). *Farmland Study.* Retrieved March 23, 2016, from ftp://ftp.consrv.ca.gov/pub/dlrp/FMMP/pdf/2012/ven12.pdf

GPA Consulting. (2024). *Historical Resources Evaluation Report.*

Kasraie Consulting. (2024). *Hydrology Study Report*.

Kimley Horn. (2023). *Vehicle Miles Traveled Analysis Memorandum*.

Kimley Horn Associates. (2023). *Vehicle Miles Traveled Analysis Memorandum*.

Leopold, L. (1994). *A View of the River.* Cambridge, MA: Harvard University Press.

Los Angeles Regional Water Quality Control Board. (2014). *Basin Plan*. Retrieved from https://www.waterboards.ca.gov/losangeles/water_issues/programs/basin_plan/

National Oceanic and Atmospheric Administration. (2023, October 4). NOAA Fisheries Species List: Hueneme Road Widening Project. Retrieved October 4, 2023

National Resources Conservation Service. (2019). Retrieved from https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm

Natural Resource Conservation Service. (2015). *Hueneme Series*. Retrieved from https://soilseries.sc.egov.usda.gov/OSD_Docs/H/HUENEME.html.

Rosgen, D. (1996). *Applied River Morphology.* Pagosa Springs, CO: Wildland Hydrology Books. Retrieved from Pagosa Springs, CO: Wildland Hydrology Books.

San Diego Gas and Electric Company. (n.d.). *SDG&E is a Sempra Utility*. Retrieved from https://www.sdge.com/more-information/our-company/about-

sempra#:~:text=SDG%26E%20is%20a%20Sempra%20Utility,Mexico%20and%20global%20energy%20markets.

Southern California Association of Governments. (2024). *CONNECTSocal 2024-2050 Regional Transportation Plan/Sustainable Communities Strategy*. Retrieved from https://scag.ca.gov/sites/default/files/2024-05/23-2987-connect-socal-2024-final-complete-040424.pdf

Southern California Edison. (n.d.). *About Us*. Retrieved from https://www.sce.com/about-us

State Water Resources Control Board. (2021). Retrieved from https://geotracker.waterboards.ca.gov/map/?global_id=WDR100039556

U.S. Energy Information Administration. (2024). *California State Energy Profile*. Retrieved from https://www.eia.gov/state/print.php?sid=CA

United States Department of Agriculture Natural Resources Conservation Service. (2023, September 12). *Custom Soil Resource Report for Ventura Area, California. Hueneme Road BSA.* Retrieved September 12, 2023, from Web Soil Survey: https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm

United States Fish and Wildlife. (2023a, September 26). *Critical Habitat for Threatened & Endangered Species [USFWS]*. Retrieved September 27, 2023, from ECOS: Environmental Conservation Online System: https://ecos.fws.gov/ecp/report/table/critical-habitat.html

United States Fish and Wildlife Service. (2013). *Migratory Bird Treat Act Protected Species (10.13 List)*. Retrieved from U.S. Fish and Wildlife Service Migratory Bird Program: https://www.fws.gov/birds/management/managed-species/migratory-bird-treaty-actprotected-species.php

United States Fish and Wildlife Service. (2018). *Birds Protexted*. Retrieved from Migratory Bird Treaty Act: https://www.fws.gov/birds/policies-and-regulations/lawslegislations/migratory-bird-treaty-act.php

United States Fish and Wildlife Service. (2023). *Information for Planning and Consultation*. Retrieved from https:// ecos.fws.gov/ipac/location/index

United States Fish and Wildlife Service. (2023a). *Information for Planning and Consultation.* Carlsbad, CA: Carlsbad Fish and Wildlife Office. Retrieved October 4, 2023, from Environmental Conservation Online System: https:// ecos.fws.gov/ipac/location/index

United States Fish and Wildlife Service. (2023c, January 20). *National Wetlands Inventory Surface Waters and Wetlands.* Retrieved January 20, 2023, from National Wetlands Inventory Wetlands Mapper: https://www.fws.gov/wetlands/data/Mapper.html

United Water Conservation District. (2021). *United Water Conservation District Water Shortage Contingency Plan*. Retrieved from chrome-

extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.unitedwater.org/wp-content/uploads/2021/07/UWCD_WSCP_Final-06-08-2021.pdf

University of California. (2021). *Carbon Neutralisty Study 1: Driving California's Transportation Emissions to Zero*. Retrieved from Institute of Transportation Studies: https://escholarship.org/uc/item/3np3p2t0

Ventura County. (2020). *Land Use and Community Character Element.*

Ventura County. (2020). *Ventura County General Plan*. Retrieved from https://vcrma.org/en/ventura-county-general-plan

Ventura County. (2020). *Ventura County General Plan - Circulation Element.*

Ventura County. (2021). *Preliminary Environmental Study (PES) HIPL-5952(215)*.

Ventura County Air Pollution Control District. (2003). *Ventura County Air Quality Assessment Guidelines*. Retrieved from chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.vcapcd.org/wp-content/uploads/pubs/Planning/VCAQGuidelines.pdf

Ventura County Air Pollution Control District. (2022). *Ventura County Air Quality Management Plan*. Retrieved from https://www.vcapcd.org/2022-plan/#:~:text=The%202022%20AQMP%20presents%20a,3%2C%202027.

Ventura County Air Pollution Control District. (n.d.). *Air Quality Standards*. Retrieved from http://www.vcapcd.org/air_quality_standards.htm

Ventura County Airport Land Use Commission. (2000). *Airport Comprehensive Land Use Plan for Ventura County*. Retrieved from chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.goventura.org/wp-content/uploads/2018/03/2000-airport-land-use-for-ventura-county.pdf

Ventura County Building and Safety Division. (2019). *Ventura Building Code*. Retrieved from https://s29422.pcdn.co/wp-content/uploads/2020/01/2019-VCBC.pdf

Ventura County Public Works. (2019). *Watershed Protection District*. Retrieved from https://www.vcpublicworks.org/wpd/

Ventura County Public Works Agency Watershed Protection Distric. (2023). *Calleguas Creek Watershed Hyrdology Study Present Condition*. Retrieved from https://s29422.pcdn.co/wp-content/uploads/2021/01/CC_Hydrology_Present_VCWPD.pdf

Ventura County Transportation Commission. (2023). *Ventura County Comprehensive Transportation Plan*. Retrieved from https://www.goventura.org/vc-county-comprehensive-transportation-plan/

Ventura Countywide Bicycle Master Plan. (2007). Retrieved from chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/http://pwaportal.ventura.org/TD/Residents

/Streets_and_Transportation/Reports_and_Programs/AP_VenturaCountyBikePlanFinal2008.pdf

WKE, Inc. (2023). *RIce Avenue/Fifth Street Grade Separation*. Retrieved from WKE, Inc.: https://www.wke-inc.com/projects/rice-avenuefifth-street-grade-separation/

Appendix A: Notice of Preparation and Initial Study

Notice of Preparation

To: State Clearinghouse
1400 10th Street, #12
Sacramento, CA 95814
(Address)

From: Ventura County Department of Public Works
800 South Victoria Avenue
Ventura, CA 93009
(Address)

Subject: Notice of Preparation of a Draft Environmental Impact Report

Ventura County Department of Public Works will be the Lead Agency and will prepare an environmental impact report for the project identified below. We need to know the views of your agency as to the scope and content of the environmental information which is germane to your agency's statutory responsibilities in connection with the proposed project. Your agency will need to use the EIR prepared by our agency when considering your permit or other approval for the project.

The project description, location, and the potential environmental effects are contained in the attached materials. A copy of the Initial Study (☒ is ☐ is not) attached.

Due to the time limits mandated by State law, your response must be sent at the earliest possible date but not later than 30 days after receipt of this notice.

Please send your response to Matthew Maechler at the address shown above. We will need the name for a contact person in your agency.

Project Title: Hueneme Road Widening Project

Project Applicant, if any: N/A

Date 8/14/23

Signature

Title Professional Engineer

Telephone (805) 477-1911

Reference: California Code of Regulations, Title 14, (CEQA Guidelines) Sections 15082(a), 15103, 15375.

Hueneme Road Widening Project

Initial Study

State Clearinghouse #_____

Prepared for:

Ventura County Department of Public Works
800 South Victoria Avenue
Ventura, CA 93009

Prepared by:

GPA Consulting
840 Apollo Street, Suite 312
El Segundo, CA 90245

July 2023

Table of Contents

I. INTRODUCTION 1
1. Introduction 1
2. Legal Authority and Findings 1
3. Intent and Scope of this Document 1
4. Organization of this Document 4
5. Terminology 4

II. PROJECT DESCRIPTION 6
1. Project Title 6
2. Lead Agency Name and Address 6
3. Contact Person 6
4. Project Applicant and Sponsor 6
5. Project Location 6
6. General Plan Designation 6
7. Zoning 6
8. Surrounding Land Uses and Setting 6
9. Project Description 8
10. Other Public Agencies Whose Approval is Required 9

III. ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED 11

IV. DETERMINATION 12

V. EVALUATION OF ENVIRONMENTAL IMPACTS 13
1. Aesthetics 14
2. Agriculture and Forestry Resources 16
3. Air Quality 18
4. Biological Resources 21
5. Cultural Resources 24
6. Energy 26
7. Geology and Soils 28
8. Greenhouse Gas Emissions 31
9. Hazards and Hazardous Materials 33
10. Hydrology and Water Quality 36
11. Land Use and Planning 40
12. Mineral Resources 42
13. Noise 43
14. Population and Housing 45
15. Public Services 46
16. Recreation 48
17. Transportation 49
18. Tribal Cultural Resources 52
19. Utilities and Service Systems 54
20. Wildfire 56
21. Mandatory Findings of Significance 58

VI. REFERENCES 60

List of Figures

Figure 1 Regional Location 2
Figure 2 Project Location 3
Figure 3 Land Use 7
Figure 4 Project Footprint 10

List of Tables

Table 1 Daytime Noise Thresholds 44

List of Acronyms

AB	Assembly Bill
AE-40	Agricultural Exclusive, 40-acre minimum parcel size
AG	Agriculture
ARB	Air Resources Board
AQMP	Air Quality Management Plan
Basin Plan	Los Angeles Regional Water Quality Control Board Basin Plan
BRA	Biological Resource Assessment
BSA	Biological Study Area
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CDOC	California Department of Conservation
CEQA	California Environmental Quality Act
CNDDB	California Natural Diversity Database
CNPS	California Native Plant Society
CO	Carbon monoxide
CO_2	Carbon dioxide
CO_2e	Carbon dioxide equivalent
County	County of Ventura (Lead Agency)
county	county of Ventura (location)
CRHR	California Register of Historical Resources
CWA	Clean Water Act
dB	decibels
dBA	a-weighted decibels
EIR	Environmental Impact Report
FEMA	Federal Emergency Management Agency
General Plan	Ventura County 2040 General Plan
GHG	Greenhouse gas
HCP	Habitat Conservation Plan
IPaC	Information for Planning and Consultation
IS	Initial Study
ISA	Initial Site Assessment
L	Local roadways
LOS	Level of service
L_{eq}	Equivalent continuous sound level
$L_{eq}(h)$	Hourly equivalent noise level
L_{max}	Maximum level noise source or environment
LUST	Leaking Underground Storage Tank
MMRP	Mitigation Monitoring and Reporting Program
MNC	Minor Collector
MRZ	Mineral Resource Zone
NAHC	Native American Heritage Commission
NO_X	Nitrogen oxides
NPDES	National Pollutant Discharge Elimination System

NTC	Noise Threshold Criteria
O_3	Ozone
PM_{10}	Particulate matter 10 micrometers or less in diameter
ppd	Pounds per day
PRC	Public Resource Code
ROC	Reactive organic compounds
ROW	Right-of-way
RWQCB	Regional Water Quality Control Board
SCCAB	South Central Coast Air Basin
SCE	Southern California Edison
SMARA	Surface Mining and Reclamation Act of 1975
SOAR	Save Open Space and Agricultural Resources
SR	State Route
TCE	Temporary construction easement
U.S.	United States
USFWS	United States Fish and Wildlife Service
VCAPCD	Ventura County Air Pollution Control District
VCWPD	Ventura County Watershed Protection District
VIA	Visual Impact Assessment
VMT	Vehicles miles traveled

I. INTRODUCTION

The Ventura County (County) Department of Public Works has prepared this Initial Study (IS) to provide the public, responsible agencies, and trustee agencies with information about the potential environmental effects of the proposed Hueneme Road Widening Project (project). This document was prepared pursuant to the requirements of the California Environmental Quality Act (CEQA) of 1970 (as amended) and the State CEQA Guidelines (14 California Code of Regulations 15000 et seq.).

1. Introduction

The County proposes to widen an approximate 1.93-mile portion of Hueneme Road, between Edison Drive and Rice Avenue, from a 2-lane roadway to a 4-lane roadway with buffered bike lanes, a paved median, and turn lanes (project) (see **Figure 1**, Regional Location Map and **Figure 2**, Project Location Map). The project is listed in the Southern California Association of Governments 2023 Federal Transportation Improvement Program for the fiscal years 2022/2023-2025/2026.

2. Legal Authority and Findings

The County is the Lead Agency pursuant to CEQA. The County has prepared this IS in accordance with the Guidelines for the Implementation of CEQA (CEQA Guidelines) (California Code of Regulations [CCR], Title 14, Chapter 3, Sections 15000 et seq.). Although consultants assisted in the preparation of this IS, all analysis, conclusions, findings, and determinations presented in the IS represent the County, acting as the Lead Agency under CEQA. In accordance with the provisions of CEQA and the state and local CEQA Guidelines, the County, as the Lead Agency, is responsible for reviewing the potential environmental effects, and after consideration, approving or denying the project.

3. Intent and Scope of this Document

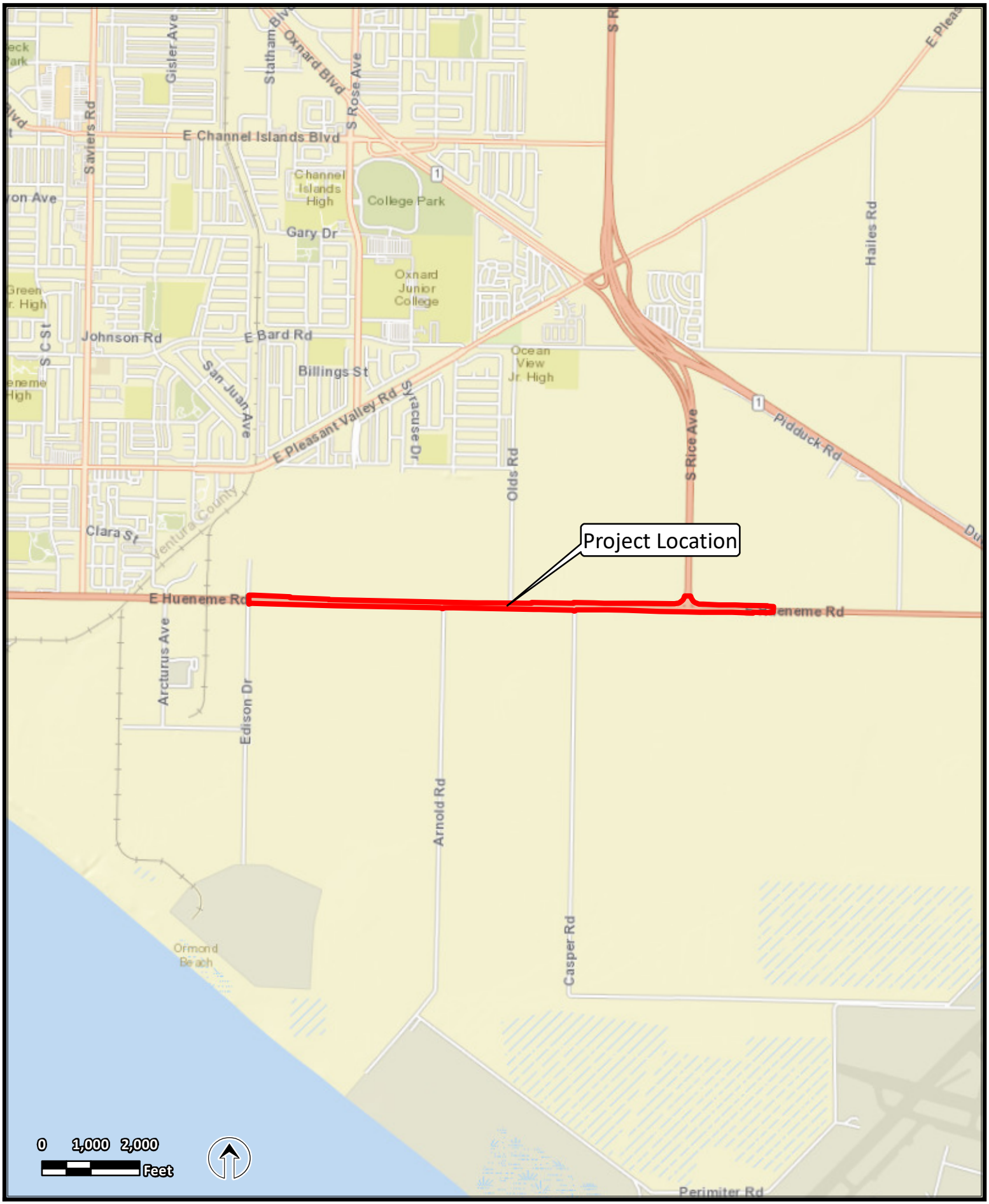
This IS has been prepared in accordance with CEQA, under which the project constitutes a “project.” The County will consider the potential environmental impacts of project activities when it considers whether to approve the project. This IS is an informational document to be used in the local planning and decision-making process. The IS does not recommend approval or denial of the project.

The IS describes the project and its environmental setting, including the project area’s existing conditions and applicable regulatory requirements. This IS also includes an evaluation of potential environmental impacts of the project on the following resources:

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

Sources: ESRI 2022.

FIGURE 1. REGIONAL LOCATION
Hueneme Road Widening Project



Sources: ESRI 2022.

FIGURE 2. PROJECT LOCATION
Hueneme Road Improvements Project

4. Organization of this Document

This IS contains the following sections:

Section I, Introduction: This section provides an overview of the project and the CEQA environmental documentation process.

Section II, Project Description: This section provides a description of the project location, project background, and project components.

Section III, Environmental Factors Potentially Affected: This section presents the environmental checklist used to evaluate the project's potential environmental effects. The checklist is based on the information provided in Appendix G of the state's CEQA Guidelines and the County's CEQA Guidelines.

Section IV, Determination: This section provides the recommended environmental documentation for the project.

Section V, Evaluation of Environmental Impacts: This section provides a detailed discussion of the environmental factors that could be affected by this project. Any mitigation measures that would be implemented to ensure that potential adverse impacts of the project would be reduced to a less-than-significant level are also included in this section.

Section VI, References: This section provides a list of reference materials used during the preparation of this report.

5. Terminology

This IS uses the following terminology to describe the environmental effects of the project:

- A finding of no impact applies where the impact simply does not apply to projects like the one involved. For example, if the project area is not located in a fault rupture zone, then the item asking whether the project would result in or expose people to potential impacts involving fault rupture should be marked as "No Impact."
- An impact is considered less than significant if the impact would occur, but the magnitude of the impact is considered insignificant or negligible. For example, a development which would only slightly increase the amount of surface water runoff generated at a project area would be considered to have a less than significant impact on surface water runoff.
- An impact is considered potentially significant with mitigation incorporated if the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." Incorporated mitigation measures should be outlined within the checklist and a discussion should be provided which explains how the measures reduce the impact to a less than significant level. This designation is appropriate for a Mitigated Negative Declaration, where all potentially significant issues have been analyzed and mitigation measures have been recommended that reduces all impacts to levels that are less than significant.
- An impact is considered potentially significant if the project has the potential to cause significant and unmitigable environmental impact. If there are one or more items marked as "Potentially Significant Impact," an Environmental Impact Report (EIR) is required.
- This IS identifies particular mitigation measures that are intended to reduce project impacts. The state CEQA Guidelines [Section 14 of the California Code of Regulations (CCR) 15370] define mitigation as:
    - Avoiding the impact altogether by not taking a certain action or parts of an action;

- Minimizing impacts by limiting the degree or magnitude of the action and its implementation;
- Rectifying the impact by repairing, rehabilitating, or restoring the impacted environment;
- Reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action; and
- Compensating for the impact by replacing or providing substitute resources or environments.

II. PROJECT DESCRIPTION

1. Project Title

Hueneme Road Widening Project

2. Lead Agency Name and Address

Ventura County Department of Public Works
800 South Victoria Avenue
Ventura, CA 93009

3. Contact Person

Matt Maechler, P.E.
Matthew.Maechler@ventura.org
(805) 477-1911

4. Project Applicant and Sponsor

Ventura County Department of Public Works
800 South Victoria Avenue
Ventura, CA 93009

5. Project Location

The project is located on Hueneme Road within unincorporated Ventura County (county). The project is adjacent to the limits of the City of Oxnard and the City of Port Hueneme from Edison Drive to 1,200 feet East of Rice Avenue.

6. General Plan Designation

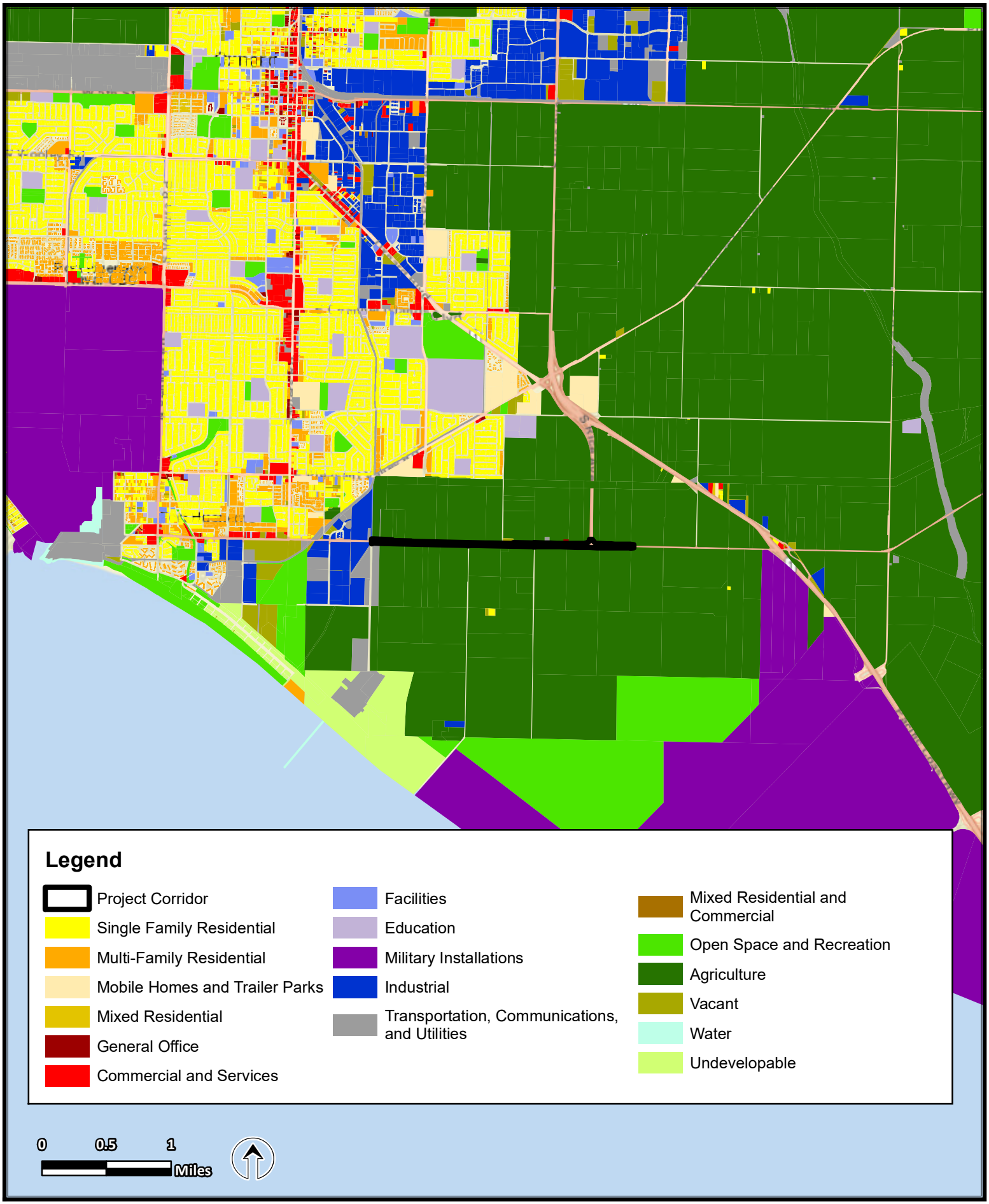
The Ventura County 2040 General Plan (General Plan) designation for land in the project area is Agriculture (AG). The General Plan describes the designation AG as being applied to lands that are suitable for the cultivation of crops and the raising of livestock (Ventura County, n.d). Though the General Plan designation is AG, the project area is primarily comprised of a transportation facility.

7. Zoning

The current zoning designation for the project area is Agricultural Exclusive, 40-acre minimum parcel size (AE-40) (Ventura County, n.d). The county's Non-Coastal Zoning Ordinance describes the purpose of Agricultural Exclusive zoning as to preserve and protect commercial agricultural lands as a limited and irreplaceable resource, to preserve and maintain agriculture as a major industry in the county, and to protect these areas from the encroachment of nonrelated uses which, by their nature, would have detrimental effects upon the agriculture industry (Ventura County, 2021).

8. Surrounding Land Uses and Setting

The project area is surrounded by land designated as AG and zoned AE-40 (see **Figure 3,** Land Use Map).



Sources: SCAG 2019; ESRI 2022.

FIGURE 3. LAND USE
Hueneme Road Improvements Project

9. Project Description

Project Purpose

The purpose of this project is to improve vehicle and bicycle travel and safety, improve the freight movement corridor, increase connectivity for bicycle riders, and complete vehicle and bicycle improvements consistent with the General Plan on Hueneme Road from Edison Drive to Rice Avenue.

Existing Conditions

According to the General Plan, Hueneme Road is identified as an Other Principal Arterial and Major Collector and a City of Port Hueneme and City of Oxnard Commercial Vehicle Route within the project area (County of Ventura, 2020). Between Edison Drive and Rice Avenue, Hueneme Road includes two vehicle travel lanes, one in the eastbound direction and one in the westbound direction. At the western terminus of the project, Hueneme Road intersects with Edison Drive; the current configuration includes four vehicle travel lanes on Hueneme Road west of Edison Drive, two vehicle travel lanes on Hueneme Road east of Edison Drive, and two vehicle travel lanes on Edison Drive to the north and south of Hueneme Road. There are dedicated left-turn lanes in each direction at the intersection of Hueneme Road and Edison Drive. At the eastern terminus of the project, Hueneme Road intersects with Rice Avenue, creating a “T” intersection, where Rice Avenue dead-ends at Hueneme Road and the existing through lanes turn into left- and right-turn lanes. The current configuration includes four vehicle travel lanes on Rice Avenue, north of the “T” intersection, two vehicle travel lanes on Hueneme Road west of Rice Avenue, and two vehicle travel lanes of Hueneme Road east of Rice Avenue.

There is an existing non-contiguous drainage ditch on the north side of Hueneme Road that is approximately four feet deep; in the project area, stormwater generally sheet flows from north to south. In large storm events, water will sheet flow into the drainage ditch, eventually overtopping the ditch and flowing over the existing road onto adjacent parcels to the south. There are several utility poles on the north and south sides of the roadway. There are several trees adjacent to the roadway, and row crops/buildings located on parcels adjacent to the project area. According to the General Plan, adjacent land uses consist of AG Industrial, Commercial and Services, Transportation, Communications and Utilities, and Single-Family Residential. According to the California Department of Conservation (CDOC) the project area includes Prime Farmland, Farmland of Statewide Importance, and Urban & Built-Up Land (California Department of Conservation, California Important Farmland Finder, 2016).

Proposed Project

The project would include four 12-foot through lanes (two in the eastbound direction and two westbound direction), a 14-foot paved median, two 6-foot bike lanes on either side of the roadway with a 2-foot buffer between the bicycle lanes and the traffic lanes, and two 4-foot shoulders on either side of Hueneme Road between Edison Drive and Rice Avenue. All existing left-turn lanes would be retained as part of the project. The total width of the new roadway would vary between 63 to 72 feet. The widened roadway would taper to the existing configuration of one travel lane in each direction approximately 1,200 feet east of Rice Avenue.

The existing centerline of the road would be shifted as part of the roadway widening. Construction of the widened roadway would require a maximum ground disturbance of approximately 12 to 14 inches in depth to install the new roadbed. Widening of the roadway would result in approximately 339,000 square feet of increased impervious surface area. The surface runoff resulting from increased impervious surface would be directed toward existing and relocated roadside drainage. It is anticipated that the existing drainage ditch on the north side of the roadway would be shifted north to accommodate the widening of

the road. The limits of the relocated ditch would not extend beyond the new county right-of-way (ROW) line.

Construction of the project is anticipated to last approximately 12 months. The project would require three traffic signal modifications, drainage pipe and drainage inlet relocations, culvert extensions and relocations, 41 power pole relocations, and 10 irrigation and water facility relocations. The power poles along Hueneme Road are located within county ROW; however, coordination and preplanning would be needed with Southern California Edison (SCE) to relocate the poles prior to widening the roadway and the relocations are likely to take place outside of the estimated 12-month construction duration. Additionally, there are Frontier Communications (Telecommunications) facilities on the SCE overhead poles and underground lines along Hueneme Road. Sempra Utilities (Gas Company) has gas transmission mains along Hueneme Road near Edison Drive; the existing gas main may be impacted where drainage and/or water facilities are relocated. Signal pole relocations would require ground disturbance at a maximum depth of 16 feet. The project would not include the relocation of any water lines, recycled water lines, or sewer mains.

The project may include conforming 23 driveways located within the project area to the new roadway configuration. Construction would be staged to provide continuous access to each private parcel at all times. In addition, at least one lane would be open to provide continuous access for vehicles through the project area and no detours to adjacent roadways would be required. Due to traffic volumes in the area, night work is anticipated to avoid traffic impacts during construction.

The proposed improvements would require ROW and temporary construction easements (TCE). The project would require approximately 9.3 acres of permanent ROW from 30 adjacent properties (see **Figure 4**, Project Footprint). This would include 4.7 acres of Farmland of Statewide Importance, 4.5 acres of Prime Farmland, and 0.13 acres of Urban and Built-Up Land and Other Land. Additionally, the project would require TCE from 3.53 acres of Prime Farmland, 3.73 Acres of Farmland of Statewide Importance, and 0.14 acres of Urban and Built-Up Land and Other Land.

Permanent ROW acquisition required to complete the project would include sliver takes from parcels adjacent to the project area; no full acquisitions are anticipated. The roadway widening may require removal of four buildings, including two fruit stands, one residence, and one garage. Vegetation removal would be required to accommodate the widening, and approximately 329 eucalyptus trees would also need to be removed. Tree removal would result in a vertical ground disturbance of approximately two feet below existing grade; a stump grinder would be used to remove the trunk and roots.

10. Other Public Agencies Whose Approval is Required

The County is the CEQA lead agency for the proposed project. The discretionary and ministerial actions associated with the development of the project would include but would not be limited to the adoption of an EIR and the Mitigation Monitoring and Reporting Program (MMRP) pursuant to CEQA.

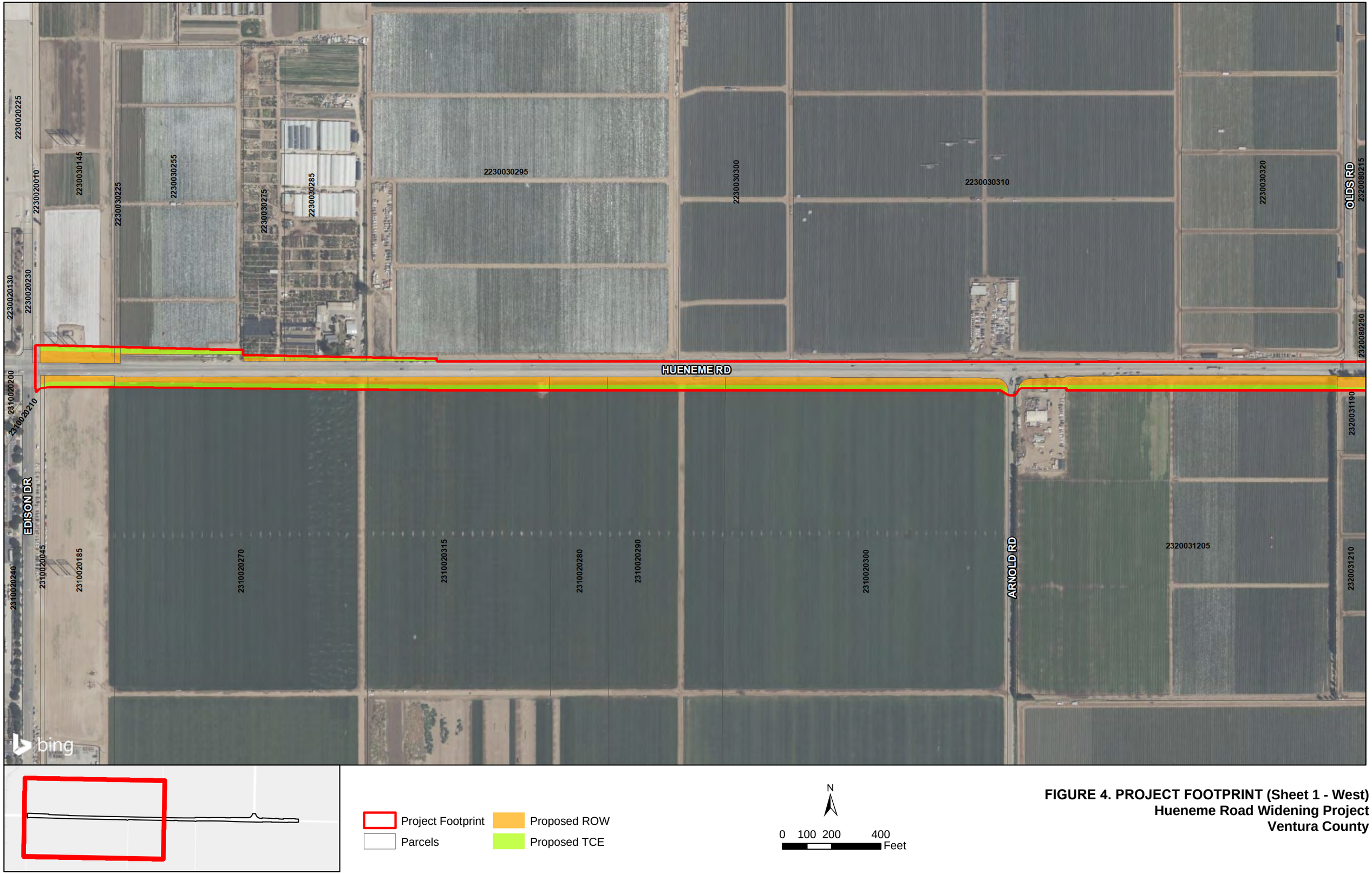


FIGURE 4. PROJECT FOOTPRINT (Sheet 1 - West)
Hueneme Road Widening Project
Ventura County

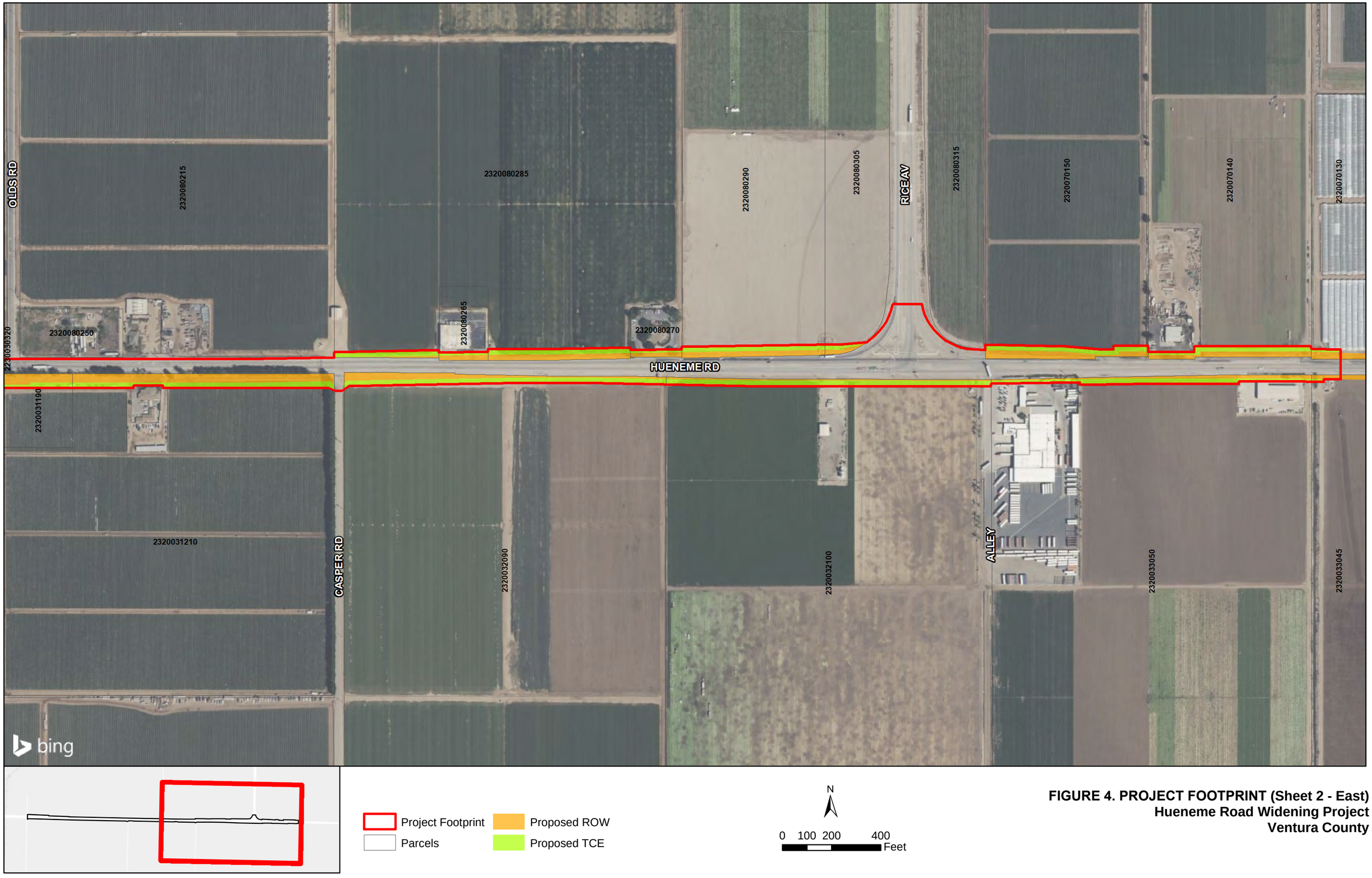


FIGURE 4. PROJECT FOOTPRINT (Sheet 2 - East)
Hueneme Road Widening Project
Ventura County

III. 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 in the following Evaluation of Environmental Impacts section.

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

IV. DETERMINATION

The conclusions and recommendations contained herein are professional opinions derived in accordance with current standards of professional practice. They are based on a review of the General Plan, the other sources of information listed in the file, and the comments received, conversations with knowledgeable individuals; the preparer's personal knowledge of the area; and, where necessary, a visit to the site. For further information, see the environmental background information contained in the permanent file on this project.

On the basis of this initial evaluation:

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

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

☐ I find that the Project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT (EIR) is required.

☒ I find that the 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 EIR is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the 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 Project, nothing further is required.

Signature

8/14/23
Date

Matt Maechler, P.E.
Printed Name

V. EVALUATION OF ENVIRONMENTAL IMPACTS

Potential environmental effects of the project are classified and described within the CEQA Environmental Checklist under the following general headings:

"No Impact" applies where the impact simply does not apply to projects like the one involved. For example, if the project area is not located in a fault rupture zone, then the item asking whether the project would result in or expose people to potential impacts involving fault rupture should be marked as "No Impact."

"Less Than Significant Impact" applies where the impact would occur, but the magnitude of the impact is considered insignificant or negligible. For example, a development which would only slightly increase the amount of surface water runoff generated at a project area would be considered to have a less than significant impact on surface water runoff.

"Potentially Significant Unless Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." Incorporated mitigation measures should be outlined within the checklist and a discussion should be provided which explains how the measures reduce the impact to a less than significant level. This designation is appropriate for a Mitigated Negative Declaration, where all potentially significant issues have been analyzed and mitigation measures have been recommended that reduces all impacts to levels that are less than significant.

"Potentially Significant Impact" applies where the project has the potential to cause a significant and unmitigable environmental impact. If there are one or more items marked as "Potentially Significant Impact," an Environmental Impact Report is required.

1. Aesthetics

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

Environmental Setting

A Visual Impact Assessment (VIA) Memorandum was prepared for this project to assess the project's visual impacts on the project area. The project area includes a transportation facility. In addition, there is an existing non-contiguous drainage ditch located on the north side of Hueneme Road, as well as several utility poles on the north and south sides of the roadway. There are approximately 329 eucalyptus trees being used as a windbreak, and row crops/buildings located on parcels adjacent to the project area (GPA Consulting, 2023).

According to the Background Report for the General Plan, there are no scenic resources within the project area (Ventura County, 2020). In addition, according to the California Department of Transportation (Caltrans) California State Scenic Highway System Map, the project area is not adjacent to a state scenic highway (California Department of Transportation, 2020). The nearest officially designated state scenic highway is State Route (SR) 33 from Post Mile 17.6 to 34.5 in the county. SR 33 is located approximately 26 miles northwest of the project area. The nearest eligible state highway system is SR 1, located approximately 1.4 miles east of the project area.

Discussion of Checklist Responses

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

No Impact. A scenic vista is defined as a viewpoint that provides expansive views of a highly valued landscape for the benefit of the general public. According to the General Plan, there are no scenic vistas within or adjacent to the project area. In addition, no scenic resources are within or adjacent to the project area. According to Figure 8-7 of the Background Report for the General Plan, the closest designated scenic resource area is located approximately seven miles northeast of the project area (Ventura County, 2020); however, the scenic resource area is not visible from the project area. Therefore, the project would result in no impact on a scenic vista.

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

No Impact. There are no scenic highways located in or near the project area. Therefore, the project would result in no impact on a state scenic highway.

c. Would the project 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).

Less Than Significant Impact. The project area is visible from nearby rural residential and agricultural properties. Views of the project area include agricultural land, a transportation facility, and mountains. The roadway would be widened to match existing conditions at the western terminus of the project area, and the roadway corridor would remain the same length, material, and general alignment. According to the VIA Memorandum, proposed improvements such as the addition of two through lanes, turn lanes, and buffered bike lanes, would match the conditions of Hueneme Road, west of the Edison Drive and Hueneme Road intersection. No vertical structures are proposed; however, utility poles would be relocated along the roadway. These utility poles would alter views; however, the change would be negligible considering the utility poles already exist in the surrounding area. Vegetation removal would be required to accommodate the widening, and approximately 329 eucalyptus trees would also need to be removed with no plans for replacement. However, most of the trees that would be removed are currently being used as a windbreak for the surrounding agricultural land; they are not considered ornamental and do not enhance visual character (GPA Consulting, 2023). Therefore, the project would result in less than significant impacts on visual character and quality.

d. New Sources of Light or Glare?

Less Than Significant Impact. Light and glare sources within the project area include traffic signals, vehicles, and surrounding residential and agricultural properties. The project would require three traffic signal modifications and 41 power pole relocations. According to the VIA Memorandum prepared for this project, lighting and glare within the project area would not be altered permanently by these improvements (GPA Consulting, 2023). Lighting and glare from vehicles would be visible in the project area; however, the lighting and glare sources would be similar to those on the existing roadway. Impacts related to construction lighting, including lighting needed for nighttime work, would be temporary and minimal. Therefore, the project would result in a less than significant impact on light and glare.

2. Agriculture and Forestry Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to 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 complied 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 forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resource 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 (FMMP) of the California Resources Agency, to nonagricultural use?	☐	☐	☒	☐
b. Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☒	☐
c. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code (PRC) section 12220(g)), timberland (as defined by PRC 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒
d. Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e. Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☒	☐

Environmental Setting

The current zoning designation for the project area is AE-40 (Ventura County, n.d). According to the General Plan, adjacent land uses consist of AG Industrial, Commercial and Services, Transportation, Communications and Utilities, and Single-Family Residential. According to CDOC, the project area includes Prime Farmland, Farmland of Statewide Importance, and Urban & Built-Up Land (California Department

of Conservation, California Important Farmland Finder, 2016).

Save Open Space and Agricultural Resources Ordinances

Save our Open Space and Agricultural Resources (SOAR) is a collection of ordinances and voter initiatives that require a public vote before agricultural land or open space can be developed (County of Ventura, 2016). SOAR requires a countywide vote before agricultural, rural, or open space land in the unincorporated county can be rezoned for development. The project would not conflict with existing zoning or result in any rezoning requirements.

Discussion of Checklist Responses

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

Less Than Significant Impact. The project would require permanent ROW, including approximately 9.3 acres from a total of 30 properties. This would include 4.7 acres of Farmland of Statewide Importance, 4.5 acres of Prime Farmland, and 0.13 acre of Urban and Built-Up Land and Other Land. Additionally, the project would require TCEs from 3.53 acres of Prime Farmland, 3.73 Acres of Farmland of Statewide Importance, and 0.14 acre of Urban and Built-Up Land and Other Land. Farmland requiring TCEs would be restored to existing conditions following construction, and therefore available for agricultural use following project construction. Ventura County has published guidelines for assessing the significance of impacts on farmlands under CEQA; the guidelines specify that any project resulting in the direct or indirect loss of 5 acres of Prime Farmland, 10 acres of Unique Farmland, or 15 acres of Farmland of Statewide Importance is considered a significant impact. The project would not result in the direct or indirect loss above the County's thresholds. Therefore, the project would result in a less than significant impact on Prime Farmland, Unique Farmland, and Farmland of Statewide Importance.

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

Less Than Significant Impact. TCEs and ROW acquisition would be required from APNs 232-0-080-285, 232-0-080-290, and 232-0-032-090, which are under a Williamson Act Contract (Ventura County, 2023). However, the project would not conflict with existing zoning or result in any rezoning requirements. Therefore, the project would result in a less than significant impact on lands under a Williamson Act contract.

c. Would the project conflict with existing zoning for, or cause rezoning of, forest land, timberland, or timberland zoned Timberland Production?

No Impact. The project area is not zoned for forest land. The project area does not include timberland production. Therefore, the project would result in no impact on forest land.

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

No Impact. The project area is not zoned for, nor does it include forest land. See discussion in response (c) above. Therefore, the project would result in no impact on forest land.

e. Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?

Less Than Significant Impact. See discussion in response (a) and response (c).

3. Air Quality

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
When 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?	☒	☐	☐	☐
b. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	☒	☐	☐	☐
c. Expose sensitive receptors to substantial pollutant concentrations?	☒	☐	☐	☐
d. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☒	☐	☐	☐

Environmental Setting

Air Quality Standards and Attainment

The county is in the South Central Coast Air Basin (SCCAB), which is under the jurisdiction of the Ventura County Air Pollution Control District (VCAPCD), the Santa Barbara County Air Pollution Control District, and the San Luis Obispo Air Pollution Control District. The project area is within the portion of the SCCAB that is overseen by the VCAPCD. The VCAPCD is a local air quality management agency required to monitor air pollutant levels to ensure that state and federal air quality standards are met and, if they are not met, to develop strategies to meet the standards. The County is then classified as being in “attainment” or “nonattainment” based on whether standards are met.

The County portion of the SCCAB is designated a nonattainment area for the federal and state 8-hour ozone (O_3) standards and the state 1-hour ozone and particulate matter with a diameter of 10 microns or less (PM_{10}) standards (Ventura County Air Pollution Control District).The County is in attainment of all other federal and state standards. The County is required to implement strategies to reduce pollutant levels to recognized acceptable standards.

Air Quality Management

The VCAPCD’s 2016 Air Quality Management Plan (AQMP) is an update of the 2007 AQMP. The 2016 AQMP, adopted on February 14, 2017, incorporates new scientific data and notable regulatory actions that have occurred since adoption of the 2007 AQMP, including the approval of the new federal 8-hour O_3 standard of 0.070 parts per million that was finalized in 2015. The 2016 AQMP builds upon the approaches taken in the 2007 AQMP and includes attainment and reasonable further progress demonstrations of the new federal 8-hour O_3 standard (VCAPCD 2017).

Air Pollutant Emission Thresholds

The 2016 AQMP provides a strategy for the attainment of state and federal air quality standards. The VCAPCD considers construction-related air quality impacts to be significant if project construction (individually and cumulatively) would jeopardize attainment of the federal 1-hour standard by generating more than 25 pounds per day (ppd) of reactive organic compounds (ROC) or nitrogen oxides (NO_X).

The VCAPCD implements rules and regulations for emissions that may be generated by various uses and activities. The rules and regulations detail pollution-reduction measures that must be implemented during construction and operation of projects (VCAPCD, 2003).

Significance Thresholds

The VCAPCD has adopted guidelines for quantifying and determining the significance of air quality emissions in its Air Quality Assessment Guidelines for construction and operation of a project (VCAPCD, 2003).

Operational air quality impacts are considered to be significant if a project would generate more than 25 ppd of the ozone precursors ROC or NO_X. A project with emissions that exceed two ppd of ROC or NO_X is found to be inconsistent with the AQMP and to have a cumulatively considerable contribution to a significant cumulative air quality impact related to ozone. Typically, inconsistent projects cause the existing population to exceed the population forecasts contained in the most recently adopted AQMP (VCAPCD, 2003).

There are no established quantitative thresholds for PM for either construction or operation, but the VCAPCD provides guidance by stating that a project would have a significant impact if it would be reasonably expected to generate fugitive dust emissions in such quantities as to cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which may endanger the comfort, repose, health, or safety of any such person or the public. Additionally, there is not an established quantitative threshold for carbon monoxide (CO) for either construction or operation. The VCAPCD guidance for CO, states that a CO hotspot screening analysis should be conducted for any project with indirect CO emissions greater than the applicable ozone project significance thresholds (i.e., 25 ppd) that may substantially impact roadway intersections currently operating at, or that are expected to operate at, Level of Service (LOS) E or F. A CO hotspot screening analysis is recommended for any project-impacted roadway intersection at which a CO hotspot might occur (VCAPCD, 2003). If project emissions exceed these criteria and the screening analysis demonstrates there may be a CO hotspot, the VCAPCD recommends use of the CALINE4 model to determine whether the project would create or contribute to an existing CO hotspot.

Discussion of Checklist Responses

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

Potentially Significant Impact. An increase in vehicle miles traveled (VMT) would increase emissions, which would potentially affect attainment with the federal 1-hour standard according to the VCAPCD Air Quality Assessment Guidelines by generating more than 25 ppd of ROC and NO_x. It is currently unknown if the project would result in increased VMT. Therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts related to an air quality plan, which would be discussed further in the Air Quality Technical Report and EIR.

b. Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

Potentially Significant Impact. An increase in VMT would increase emissions of criteria pollutants for which the County is in nonattainment. It is currently unknown if the project if the project would result in an increase in VMT. Therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts related to criteria pollutant emission, which would be discussed further in the Air Quality Technical Report and EIR.

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

Potentially Significant Impact. The nearest sensitive noise receptors are residences located approximately 30 feet from the project area. Dust emissions may vary from day to day, depending on the nature and magnitude of construction activity and local weather conditions. Dust emissions depend on soil moisture, silt content of soil, wind speed, and the amount of equipment operating. Larger dust particles would settle near the source, while fine particles would be dispersed over greater distances from the construction site. As discussed in response (a) and (b) above, project operation could potentially result in long-term emissions of additional air quality pollutants. Therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts related to substantial pollutant concentrations, which would be discussed further in the Air Quality Technical Report and EIR.

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

Potentially Significant Impact. The closest residence is located approximately 30 feet away from the project area. Because odors would be temporary and would disperse rapidly, construction-generated odors would not be anticipated to result in the frequent exposure of receptors to objectionable odorous emissions. As discussed in response (a), (b), and (c) above, the project operation could potentially result in long-term emissions, and it is currently unknown if the project could result in adverse effects on a substantial number of people. Therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts related to missions (such as odors) affecting a large number of people.

4. Biological Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
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 CDFW or USFWS?	☐	☐	☒	☐
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 CDFW or USFWS?	☐	☐	☒	☐
c. Have a substantial adverse effect on state or federally protected wetlands (including but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☒	☐	☐	☐
d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☒	☐	☐	☐
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☒	☐
f. Conflict with the provisions of an adopted Habitat Conservation Plan (HCP); Natural Community Conservation Plan; or other approved local, regional, or state HCP?	☐	☐	☐	☒

Environmental Setting

According to the California Natural Diversity Database (CNDDB), California Native Plant Society (CNPS), and United States Fish and Wildlife Service (USFWS) Information and Planning and Consultation (IPaC) system databases 140 species have been recorded in the search area, including multiple federal, and state listed threatened or endangered species.

Ventura County General Plan

As outlined in the Conservation and Open Space Element of the General Plan, the County has policies related to biological resources (County of Ventura, 2020). The following policies would be applicable to the project:

- COS-1.1 The County shall ensure that discretionary development that could potentially impact sensitive biological resources be evaluated by a qualified biologist to assess impacts and, if necessary, develop mitigation measures that fully account for the impacted resource. When feasible mitigation measures should adhere to the following priority: avoid impacts, minimize impacts, and compensate for impacts. If the impacts cannot be reduced to a less than significant level, a finding of overriding consideration must be made by the decision-making body.

- COS 1.9 The County shall consult with the California Department of Fish and Wildlife (CDFW), the Regional Water Quality Control Board, the USFWS, National Audubon Society, CNPS, National Park Service for development in the Santa Monica Mountains or Oak Park Area, and other resource management agencies, as applicable during the review of discretionary development applications to ensure that impacts to biological resources, including rare, threatened, or endangered species, are avoided or minimized.

Discussion of Checklist Responses

a. Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by CDFW or USFWS?

Less Than Significant Impact. The CDFW, CNDDB, CNPS, and USFWS IPaC system databases were queried for the proposed project. One hundred and forty species have been recorded in the search area, including the following federally or state listed threatened or endangered species: tricolored blackbird (*Agelaius tricolor*), Braunton's milk-vetch (*Astragalus brauntonii*), Ventura Marsh milk-vetch (*Astragalus pycnostachyus var. lanosissimus*), Crotch bumble bee (*Bombus crotchii*), Santa Ana sucker (*Catostomus santaanae*), western snowy plover (*Charadrius nivossus nivosus*), salt marsh bird's beak (*Chloropyron maritimum ssp. maritimum),* western yellow-billed cuckoo (*Coccyzus americanus occidentalis*), monarch-California overwintering population (*Danaus plexippus pexippus pop. 1*), Verity's dudleya (*Dudleya verityi*), southwestern willow flycatcher (*Empidonax traillii extimus*), tidewater goby (*Eucyclogobius newberryi*), unarmored threespine stickleback (*Gasterosteus aculeatus williamsoni*), California black rail (*Laterallus jamaicensis coturniculus*), steelhead – southern California DPS (*Oncorhynchus mykiss irideus pop. 10*), Belding's savannah sparrow (*Passerculus sandwichensis beldingi*), coastal California gnatcatcher (*Polioptila californica californica*), light-footed Ridgway's rail (*Rallus obsoletus levipes*), California red-legged frog (*Rana draytonii*), bank swallow (*Riparia riparia*), California least tern (*Sternula antillarum browni*), least Bell's vireo (*Vireo bellii pusillus*). According to the USFWS IPaC database there are no species with designated critical habitats within the project area.

According to the CNPS search, six special-status plants including Baunton's milk-vetch (*Astragalus brauntonii*), Ventura Marsh milk-vetch (*Astragalus pycnostachyus* var. *lanosissimus*), salt marsh bird's-beak (*Chloropyron maritimum* ssp. *maritimum*), Vetiy's dudleya (*Dudleya verityi*), conejo buckwheat (*Eriogonum crocatum*), and California Seablite (*Suaeda californica*) have the potential to be in the search area based on recorded geographical distribution. Biological surveys for this project were conducted by qualified biologists May 3, 2023 through May 5, 2023. During these surveys no special status species or sensitive natural communities were found in the project area. Due to these findings, it is unlikely that the project would result in impacts on any species identified as a candidate, sensitive, or special status species (GPA Consulting, 2023). Therefore, the project would have a less than significant impact related to special status species.

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 CDFW or USFWS?

Less Than Significant Impact. The project area is surrounded mostly by agricultural land. There is an existing irrigation ditch located north of Hueneme Road. However, during biological surveys there were no sensitive natural communities found in the project area (GPA Consulting, 2023). Therefore, the project would have a less than significant impact related to riparian habitats.

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?

Potentially Significant Impact. Based on an aerial imagery search, and the USFWS National Wetland Inventory Mapper, there are no protected wetlands in the project area. The nearest waterway is a riverine located approximately 0.33 mile west of the project area. There is a drainage ditch located in the project area that could be jurisdictional. Results of the biological surveys indicate that the hydrological connectivity and conveyance of flows in the ditch along Hueneme Road is not discrete and continuous and there are several interruptions in the flow. However, the flows within the Biological Survey Area (BSA) drain into Mugu Drain and ultimately into the Pacific Ocean. These flows could potentially be Waters of the United States (U.S.). Therefore, the project could have a potentially significant impact related to state or federally protected wetlands which would be discussed further in the Biological Resources Assessment (BRA) and EIR.

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?

Potentially Significant Impact. The project area is not likely used as a regional wildlife movement corridor because the project area and surrounding vicinity are developed with agricultural, residential, and commercial uses. According to the CDFW Biographic Information and Observation System, the project area is not listed as a designated corridor for any sensitive natural communities. However, the project area may be used for local wildlife movement and foraging. The widening of Hueneme Road may make crossings for species more difficult due to increased paved roadway. This may impact any wildlife species migrating through the project area. The project would require tree removal which could potentially impact the roosting and foraging of migratory birds. Therefore, the project could have a potentially significant impact related to migratory or native wildlife which would be discussed further in the BRA and EIR.

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

Less Than Significant Impact. As outlined under the environmental setting portion of this section, the General Plan Conservation and Open Space Element has policies related to biological resources (County of Ventura, 2020). Local or regional jurisdiction would be followed to comply with COS 1.1 and 1.9. The majority of the trees in the project area would not meet the requirements of a protected tree; however, if any trees were protected the project would comply with the County's tree removal ordinance by obtaining any necessary permits for tree removal. Therefore, the project would have a less than significant impact related to local policies and ordinances.

f. Conflict with the provisions of an adopted Habitat Conservation Plan (HCP); Natural Community Conservation Plan; or other approved local, regional, or state HCP?

No Impact. The proposed project area is not within an approved HCP, natural community conservation plan, USFWS vernal pool recovery plan, or a grasslands ecological area. Therefore, the project would result in no impact related to a habitat plan.

5. Cultural Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?	☒	☐	☐	☐
b. Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	☒	☐	☐	☐
c. Disturb any human remains, including those interred outside of formal cemeteries?	☒	☐	☐	☐

Environmental Setting

According to the California Office of Historic Preservation, there are no properties within or adjacent to the project area listed on the California Register of Historic Resources (CRHR) (California Office of Historic Preservation, n.d.). There are two properties within or adjacent to the project area that were previously identified as potentially eligible for local designation as a Ventura County Landmark (San Buenaventura Research Associates, 2014).

Discussion of Checklist Responses

a. Would the project cause a substantial adverse change in the significance of a historical resource, pursuant to Section 15064?

Potentially Significant Impact. At least 14 parcels containing built structures would be affected by ROW acquisition and/or TCEs. The available Ventura County Assessor data indicates at least five parcels include structures more than 45 years of age; therefore, these properties may need to be evaluated to determine their eligibility for listing in the CRHR. Construction date information was not available for all parcels, so there may be additional parcels with structures over 45 years in age. The project may include removal of four structures including two fruit stands, a residence, and a garage. Therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts related to cultural resources, which would be discussed further in the Historical Resources Evaluation Report and EIR.

b. Would the project cause a substantial adverse change in the significance of an archaeological resource, pursuant to Section 15064?

Potentially Significant Impact. The project would require excavation and other ground-disturbing activities, including disturbance of some areas that have not been previously disturbed. These activities could directly impact unknown buried cultural resources. Therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts related to archaeological resources, which would be discussed further in the Archeological Survey Report and EIR.

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

Potentially Significant Impact. The project is located in a rural portion of the county that is not near or within a formal cemetery. The land within and adjacent to the project area been largely disturbed; however, construction of the project would include ground-disturbing activities that could unearth

previously undiscovered human remains interred outside of a formal cemetery. Therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts related to human remains, which would be discussed further in the Archeological Survey Report and EIR.

6. Energy

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☒	☐
b. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☐	☒

Environmental Setting

The project area includes an existing transportation facility. The roadway does not currently require energy resources to operate.

Ventura County General Pan

As outlined in the Public Facilities, Service, and Infrastructure Element of the General Plan, the County would implement energy conservation through design features during construction (Ventura County, 2020).

Goals:

- To be a regional leader in energy efficiency.

Policies:

- The County shall prioritize energy efficiency and water conservation as key design features when constructing, purchasing, leasing, retrofitting or expanding County facilities.

Discussion of Checklist Responses

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

Less Than Significant Impact. The project area is primarily used for transportation. During the 12-month construction period, construction vehicles, worker vehicles, and equipment (e.g., generators) would require the use of fuel (gasoline and diesel) and electricity to operate.

Equipment used during construction and construction would be compliant with California Air Resources Board (CARB) Standards. Compliance with CARB emission standards and state anti-idling regulations would minimize wasteful or inefficient energy consumption during construction. The project would be constructed in compliance with applicable CARB regulations regarding retrofitting, repowering, or replacing diesel off-road construction equipment. In addition, project construction would comply with state regulations (CCR Title 13, Motor Vehicles, Section 2449(d)(3)) that limit the construction vehicle idling times to no more than five minutes.

The project would not include the addition of lighting, and operation of the project would not require long term energy input beyond that which is currently required. Therefore, the project would result in a less than significant impact on energy resources.

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

No Impact. The California Long-Term Energy Efficiency Strategic Plan provides a roadmap for achieving maximum energy savings across all major sectors in California and identifies strategies for achieving goals for energy. As discussed in response (a) above, fuel consumption from construction vehicles and equipment would be temporary and would represent a negligible increase in regional energy consumption. In addition, project construction and operation would be compliant with CARB Standards. Compliance with CARB emission standards that would reduce energy consumption associated with the use of construction equipment. Once operational, the energy requirements for the project would be similar to existing energy usage. Therefore, the project would not conflict with or obstruct a state or local plan and would result in no impact on local plans for renewable energy or energy efficiency.

7. Geology and Soils

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

Environmental Setting

According to the U.S. Department of Agriculture Natural Resources Conservation Service the project area is underlain by Camarillo loam, 0 to 2 percent slopes, Camarillo loam, loamy substratum, 0 to 2 percent slopes, and Hueneme loamy fine sand, 0 to 2 percent slopes (Natural Resource Conservation Service, 2020). Based on their soil textures, these soils have a low to high potential for erosion. In addition, soil textures within the project area have a low to high shrink swell potential.

Discussion of Checklist Responses

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

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

No Impact. According to the CDOC's California Geological Survey, the project area is not located within a known earthquake fault zone. The nearest fault zone is the Bailey Fault located 2.6 miles east of the project area (California Department of Conservation, 2010). Therefore, the project would result in no impact related to a known earthquake fault.

ii. Strong Seismic Ground shaking?

Less Than Significant Impact. There are no earthquake faults within the project area; however, similar to all of Southern California, active and/or potentially active faults in the region could generate strong ground shaking on the project area. The nearest fault zone is the Bailey Fault located 2.6 miles east of the project area (California Department of Conservation, 2010). The project would be designed to meet current seismic standards and would not increase exposure to existing hazards in the project area. Therefore, the project would result in a less than significant impact related to strong seismic ground shaking.

iii. Seismically Induced Ground Failure Including liquefaction?

Less Than Significant Impact. The land within the project area is classified as a liquefaction zone (California Department of Conservation, California Earthquake Hazards Zone Application, 2019). However, the project would be designed to accommodate anticipated levels of ground shaking experienced in the region, as well as the risk of liquefaction. Therefore, the project would result in a less than significant impact related to liquefaction.

iv. Landslides, Including Seismically Induced Landslides

No Impact. The project area and surrounding properties are relatively flat and there are no large geomorphic features that could pose a landslide threat within or near the project area. According to the Background Report for the General Plan, the project area is not within a landslide hazard area (Ventura County, 2020). Therefore, the project would result in no impact related to landslides.

b. Would the project result in Substantial Soil Erosion or Loss of Topsoil?

Less Than Significant Impact. Erosion is the movement of rocks and soil from the Earth's surface by wind, rain, or running water. Several factors influence erosion, such as the size of soil particles (larger particles are more prone to erosion), and vegetation cover, which prevents erosion. Soil textures in the project area have a low to high erosion potential. However, the project area consists mostly of an existing paved roadway that would be widened, which would likely not be subject to soil erosion. Therefore, the project would result in a less than significant impact related to soil erosion.

c. Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the Project, and potentially result in on or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?

Less Than Significant Impact. See discussion in response (a.iii. and a.iv.).

d. Would the project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?

Less Than Significant Impact. Soils in the project area have a low to high shrink to swell potential (National Resources Conservation Service, 2021). According to the Ventura County Building Code, in areas likely to have expansive soil, the building official requires soil tests to determine where such soils do exist. If the project is found to reside on expansive soils, the project is required to incorporate a special design consideration in accordance with Section 1808.6 of Ventura County Building Code (Ventura County Building and Safety Division, 2019). If the soils in the project area are expansive, the project would be

designed to comply with Section 1808.6 of the Ventura County Building Code. Therefore, the project would result in a less than significant impact related to expansive soil.

e. Would the project have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems in areas where sewers are not available for the disposal of waste water?

No Impact. The project would not require the use of septic tanks or alternative wastewater disposal systems. Therefore, the project would result in no impact related to septic tanks or alternative wastewater disposal systems.

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

Less Than Significant Impact. The General Plan defines unique paleontological features as fossilized remains of plant and animal life; within the county paleontological remains include examples from most of geological history, including the Paleozoic Era (542 to 251 million years ago), the Mesozoic Era (251 to 65.5 million years ago), and the Cenozoic Era (65.5 million years ago to the present). According to the General Plan Resources Appendix, an inventory of paleontological resources has not been completed for the County. However, the project would include widening a roadway where a majority of the ground is previously disturbed. In addition, the General Plan Resources Appendix does not identify the project area as having any unique geological resources (Ventura County, 2019). According to research conducted by the project archaeologist, it is anticipated that the project area has a low sensitivity for paleontological resources. Therefore, the project would result in a less than significant impact on any unique paleontological resources or site or unique geologic features.

8. Greenhouse Gas Emissions

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☒	☐	☐	☐
b. Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☒	☐	☐	☐

Environmental Setting

Greenhouse gas (GHG) emissions refer to a group of emissions that are believed to affect global climate change conditions. The principal GHGs are carbon dioxide (CO_2), methane, nitrous oxide, sulfur hexafluoride, perfluorocarbons, hydrofluorocarbons, and water vapor. CO_2 is the reference gas for climate change because it is the predominant GHG emitted. To account for the varying warming potential to different GHGs, GHG emissions are often quantified and reported as CO_2 equivalents (CO_2e).

In 2006, California passed the California Global Warming Solutions Act of 2006 (Assembly Bill [AB] No. 32; California Health and Safety Code Division 25.5, Sections 38500, et seq., or AB 32), which requires the Air Resources Board (ARB) to design and implement emission limits, regulations, and other measures, such that feasible and cost-effective statewide GHG emissions are reduced to 1990 levels by 2020. As a central requirement of AB 32, the ARB was assigned the task of developing a Scoping Plan that outlines the state's strategy to achieve the 2020 GHG emissions limit. The Scoping Plan, which was developed by the ARB in coordination with the Climate Action Team, was published in October 2008. The Scoping Plan proposed a comprehensive set of actions designed to reduce overall GHG emissions in California, improve the environment, reduce the state's dependence on oil, diversify the state's energy sources, save energy, create new jobs, and enhance public health. An important component of the plan is a cap-and trade program covering 85 percent of the state's emissions. The Scoping Plan was approved by the ARB on December 11, 2008. According to the 2017 Climate Change Scoping Plan Update, California has made progress toward achieving the 2020 statewide target while also reducing criteria pollutants and toxic air contaminants and supporting economic growth (California Air Resources Board, 2017). The ARB published a second update to the Scoping Plan to reflect the 2030 target set by Executive Order B-30-15 and codified by AB 32 (California Air Resources Board, 2017).

According to the 2017 Climate Change Scoping Plan Update, the major source of GHGs in California is transportation, contributing approximately 37 percent of the state's total GHG emissions. Industrial sources are the second largest generator, contributing approximately 24 percent of the state's GHG emissions. Residential and commercial sources contribute only about six and five percent of the state's GHG emissions, respectively. These are less than the eight percent generated by agriculture (California Air Resources Board, 2017).

Discussion of Checklist Responses

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

Potentially Significant Impact. Construction equipment would emit greenhouse gases while in use.

However, project construction would comply with state regulations (CCR Title 13, Motor Vehicles, Section 2449(d)(3)) that limit the construction vehicle idling times to no more than five minutes which would reduce GHG emissions. It is currently unknown if the project would result in increased VMT during operation, which could generate greenhouse gas emissions. Therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts related to greenhouse gas emissions, which would be discussed further in the Air Quality Technical Report and EIR.

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

Potentially Significant Impact. As discussed in response (a) above, it is currently unknown if construction and operation of the project could contribute to an increase in GHG emissions. Therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts related to conflicts with applicable plans, policies or regulations adopted for the purpose of reducing the emissions of greenhouse gases.

9. Hazards and Hazardous Materials

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

Environmental Setting

According to the State Water Resources Control Board, there are 58 hazardous waste sites located within 0.5 mile of the project area. Two Leaking Underground Storage Tank (LUST) sites are located within the project area; however, the status of the two LUST sites is closed (State Water Resources Control Board, 2021). Additionally, the project area is adjacent to agricultural land which is known to use hazardous materials such as arsenic, pesticides, and herbicides.

Discussion of Checklist Responses

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

Potentially Significant Impact. Project construction would require the transportation, use, and removal of construction materials and waste that could be hazardous. Agricultural land surrounds the project area; therefore, pesticides and herbicides could be present. It is currently unknown if the project would create a significant hazard to the public or environment through the routine transport, use, or disposal of hazardous materials; therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts related to hazardous waste, which would be discussed further in the Phase I Initial Site Assessment (ISA) and the EIR.

b. Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

Potentially Significant Impact. See discussion in response (a) above.

c. Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

No Impact. No schools are located within 0.25 mile of the project area. The nearest school to the project area is Tierra Vista School, approximately 0.5 mile away. Therefore, the project would result in no impact related to hazardous emissions or handling hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school.

d. Be located on a site that 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?

Potentially Significant Impact. According to the State Water Resources Control Board, there are 58 hazardous waste sites within 0.5 mile of the project area. Two LUST sites are located within the project area. The case status of the two LUST site is closed (State Water Resources Control Board, 2021). Therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts related to hazardous materials, which would be discussed further in the Phase I ISA and EIR.

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 closest airport is Oxnard Airport, approximately four miles northwest of the project area. There are no airports within two miles of the project area; therefore, the project would result in no impact on an airport land use planning area.

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

Less Than Significant Impact. The Ventura County Emergency Operation Plan includes steps for response in the case of an emergency (County of Ventura, Emergency Operations Plan, 2013). The steps are the following.

- Evacuation of threatened populations to safe areas
- Advising threatened populations of the emergency and apprising them of safety measures to be implemented
- Advising adjacent jurisdictions (Los Angeles and Santa Barbara Operational Areas) of the emergency
- Identifying the need for mutual aid and requesting such through the appropriate, established chain and the California Emergency Management Agency Southern Region
- Proclamation of a Local Emergency by the Sheriff (As Director of Emergency Services), ratified by the County Board of Supervisors

The project would not require any temporary road closures or detours that would interfere with emergency access. The roadway may be decreased to only one open lane during construction which may

delay emergency response times. However, any delays related to construction would be temporary and emergency access would be improved once construction is complete. Therefore, the project would result in a less than significant impact on an adopted emergency response plan or emergency evacuation plan.

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

No Impact. According to the Background Report of General Plan the project area does not have a history of wildfires and is not within a wildfire concern area (Ventura County, 2020). Therefore, the project would result in no impact related to wildland fires.

10. Hydrology and Water Quality

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

Environmental Setting

The project area is in the Calleguas Creek watershed (HUC 18070103) (United States Department of Agriculture, Natural Resources Conservation Service, 2019a). The project is located within the Oxnard Subbasin of the Santa Clara River Valley Groundwater Basin within the Los Angeles Regional Water (County of Ventura, 2019). According to the Environemntal Protection Agency Watershed Assessment,

Tracking & Environmental Results System Geoviewer, the nearest waterway is an unidentified stream located 0.30 mile northwest of the project area (Environmental Protection Agency, 2023). Additonally, there are a total of 11 drainage features and one Fresh Water Marsh area within the BSA. According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map Panels 06111C0918E and 06111C0920E (effective January 29, 2021), the project area is in Zone X, which is an area of minimal flood hazard (Federal Emergency Management Agency, 2021).

Ventura County General Plan

As outlined in the Water Resources Element of the General Plan, the following goals and policies would apply to the project (County of Ventura Resource Management Agency Planning Division, 2019):

Goals:

- Inventory and monitor the quantity and quality of Ventura County's water resources.
- Effectively manage the water resources of Ventura County by adequately planning for the development, conservation, and protection of water resources for present and future generations.
- Maintain and where feasible, restore the chemical, physical, and biological integrity of surface and groundwater resources.
- Protect and, where feasible, enhance watersheds and aquifer recharge areas.

Policies:

- Discretionary development shall comply with all applicable County and State water regulations.
- Discretionary development shall not significantly impact the quantity or quality of water resources within watersheds, groundwater recharge areas or groundwater basins.

Los Angeles Regional Water Quality Control Board Basin Plan

Section 13240 of the Porter-Cologne Water Quality Control Act requires each Regional Water Quality Control Board (RWQCB) to formulate and adopt water quality control plans, or basin plans, for all areas within the region. Water quality in the project area is regulated by the Los Angeles RWQCB through the Water Quality Control Plan (Basin Plan) (California Regional Water Quality Control Board, Los Angeles Region, 1994).

The Basin Plan lists the beneficial uses of surface waters and groundwaters in the region. Beneficial uses are uses that may be protected against quality degradation. These uses include and are not limited to domestic, municipal, agricultural, and industrial supply; power generation; recreation; aesthetic enjoyment; navigation; and preservation and enhancement of fish, wildlife, and other aquatic resources or preserves. The beneficial uses of surface waters and groundwaters in the basin are designated in the water quality control plans.

The Basin Plan also includes water quality objectives, which are the limits or levels of water quality constituents or characteristics. These objectives are for the reasonable protection of beneficial uses of water or the prevention of nuisance, such as injurious to health, offensive to the senses, or interfere with the enjoyment of life or property, within a specific area.

Ventura County Watershed Protection District

The Ventura County Watershed Protection District (VCWPD) provides for the control and conservation of flood and storm waters, and for the protection and maintenance of watercourses, watersheds, and life

and property within VCWPD jurisdiction from damage or destruction from storm flows or flooding (Ventura County Public Works, 2019). An encroachment permit is required from the VCWPD for any grading work that would be conducted within a channel under VCWPD jurisdiction.

Discussion of Checklist Responses

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

Potentially Significant Impact. The project area is located in the Los Angeles RWQCB (Los Angeles RWQCB, 2023). According to the National Wetlands Inventory mapper there are no protected waterways located within or surrounding the project area. During construction, there is potential that exposed soils, construction debris, and other pollutants could enter storm water runoff that discharges in the drainage. The project would be required to comply with any applicable National Pollutant Discharge Elimination System (NPDES) Permits. It is currently unknown if the project would have significant impacts related to surface and groundwater quality. Therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts, which would be discussed further in the Water Quality Report (WQR) and EIR.

b. Would the project substantially decrease groundwater supplies or interfere substantially with groundwater recharge, such that the project may impede sustainable groundwater management of the basin?

Less Than Significant Impact. The project would result in increased impervious surface area of approximately 339,000 square feet. The surface runoff resulting from increased impervious surface would either enter the relocated drainage ditch to the north, or sheet flow over the existing roadway to adjacent parcels to the south, which matches the existing condition. Implementation of the project would not result in a decrease in stormwater runoff into the existing waterways. Therefore, the project would result in a less than significant impact on groundwater recharge.

c. Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner that would:

i. Result in substantial erosion or siltation on- or off-site;

Potentially Significant Impact. See discussion in response (a) above.

ii. Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;

Potentially Significant Impact. The project would result in increased impervious surface area of approximately 339,000 square feet. The increase in impervious service could result in an increase rate or amount of surface runoff. Therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts, which would be discussed further in the WQR and EIR.

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

Potentially Significant Impact. See discussion in response (c.ii) above.

iv. Impede or redirect flood flows?

Potentially Significant Impact. According to the FEMA Flood Insurance Rate Map Panels 06111C0918E

and 06111C0920E (effective January 29, 2021), the project area is in Zone X, which is an area of minimal flood hazard (Federal Emergency Management Agency, 2021). However, the project would result in increased impervious surface area; therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts. This would be discussed further in the WQR and EIR.

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

Potentially Significant Impact. According to the FEMA Flood Insurance Rate Map, the project area is within Zone X, which is an area of minimal flood hazard. However, the project would result in increased impervious surface area, which could potentially affect flood flows.

A tsunami is a series of traveling ocean waves of extremely long length generated primarily by vertical movement on a fault (earthquake) occurring along the ocean floor. The project area is not within a tsunami hazard zone and would not be subject to inundation by tsunami (California Department of Conservation, n.d.). In addition, the project area is not located near a large inland body of water that could generate a seiche during seismic ground shaking.

The project is not in a tsunami or seiche zones; however, the project would result in approximately 339,000 square feet of increased impervious surface area. Therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts, which would be discussed further in the WQR and EIR.

e. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

No Impact. The project would be conducted in compliance with all applicable water quality control or sustainable groundwater management plans. Therefore, the project would result in no impact related to water quality control or sustainable groundwater management plans.

11. Land Use and Planning

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Physically divide an established community?	☐	☐	☒	☐
b. Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☐	☒

Environmental Setting

The current zoning designation for the project area is AE-40 (Ventura County, n.d). The Ventura County 2040 General Plan (General Plan) designation for land in the project area is AG.

SOAR Ordinances

SOAR is a collection of ordinances and voter initiatives that require a public vote before agricultural land or open space can be developed ***(County of Ventura, 2016)***. SOAR requires a countywide vote before agricultural, rural, or open space land in the unincorporated county can be rezoned for development. The project would not conflict with existing zoning or result in any rezoning requirements.

Ventura County General Plan

The General Plan sets forth goals, policies, and programs that the County will implement to manage future growth and land uses within the county. The following Land Use and Circulation goals and policies would apply to the project (County of Ventura Resource Management Agency Planning Division, 2019).

Goals:

- To ensure the design, construction, and maintenance of a safe and efficient roadway system for the movement of persons and goods.
- To facilitate the safe, efficient, and cost-effective movement of all users, including bicyclists, pedestrians, public transportation riders, children, older people, and disabled people, as well as motorists through the provision of an integrated multimodal system.

Policies:

- The County shall coordinate with Caltrans and cities to ensure that truck routes are appropriately designed and designated for the safe and efficient movement of goods throughout the county, particularly to the Port of Hueneme.
- The County shall strive to eliminate “gaps” in roadways, bikeways, and pedestrian networks by planning for and seeking funding to construct necessary improvements to remove barriers and improve transportation system connectivity as well as connections that support first and last mile accessibility to and from public transportation.

Discussion of Checklist Responses

a. Would the project divide an Established Community?

Less Than Significant Impact. The project would include widening an existing road on a similar alignment;

therefore, operation of the project would not divide the existing community. During construction, it is anticipated that Hueneme Road would remain open to through-traffic to maintain continuous access, however, partial lane closure would be required throughout the anticipated 12-month construction duration. The project would not result in the construction of any new barriers that could potentially divide an established community. In fact, the project would improve connection along Hueneme Road between Port Hueneme and the Cities of Oxnard and Camarillo. Therefore, the project would result in a less than significant impact related to physically dividing an established community.

b. Would the project conflict with Land Use Plans or Policies?

No Impact. Roadways in Ventura County facilitate the movement of goods throughout the region and state. Hueneme Road serves as the primary freight route to and from Port of Hueneme, and a large percentage of traffic from the Oxnard city limit to Rice Avenue consists of trucks. Goal CTM-1 of the County's General Plan states "To ensure the design, construction, and maintenance of a safe and efficient roadway system for the movement of persons and goods." The project is intended to serve existing transportation demand, improve freight movement corridor, and improve vehicle and bicycle travel and safety. In addition, the project is included in the County's General Plan as a segment of the proposed multi-modal coastal trail. Proposed improvements, such as the addition of buffered bike lanes, would support the County's goal to "To provide a continuous trail route along coastal areas of Ventura County that forms a part of the statewide California Coastal Trail system and provides access to other trails, the shoreline, public recreational opportunities, and coastal points of interest." Therefore, the project would result in no impact related to applicable land use plans or policies.

12. Mineral Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
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?	☐	☐	☐	☒

Environmental Setting

State Regulations

The Surface Mining and Reclamation Act of 1975 ([SMARA], Public Resources Code, Sections 2710-2796) encourages the production, conservation, and protection of California's mineral resources. SMARA requires that the State Mining and Geology Board map areas throughout the State of California that contain regionally significant mineral resources. These mineral resources are classified based on the Mineral Resource Zone (MRZ) system, which classifies MRZs into four categories:

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

According to the Background Report for the General Plan, the project area has been identified as a MRZ-1 (County of Ventura, 2020). The County has determined that the only land protected from incompatible land uses that would inhibit extraction of or access to the available mineral resources are those classified MRZ-2 (or otherwise designated as areas of statewide or regional significance for mineral resources).

Discussion of Checklist Responses

a. Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

No Impact. As stated above, the project area has been zoned as MRZ-1 and the only land protected from incompatible land uses to the available mineral resources are those classified as MRZ-2. Therefore, the project would result in no impact on mineral resources.

b. Would the project 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. See discussion in response (a) above.

13. Noise

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
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 a local general plan or noise ordinance or applicable standards of other agencies?	☒	☐	☐	☐
b. Generation of excessive groundborne vibration or groundborne noise levels?	☒	☐	☐	☐
c. For a project located within the vicinity of a private airstrip or an airport land use plan, or, where such a plan has not been adopted, within two miles of a public airport or public-use airport, would the Project expose people residing or working in the Project Area to excessive noise levels?	☐	☐	☐	☒

Environmental Setting

The project area is in a rural portion of the county, approximately 30 feet away from the nearest sensitive noise receptor. The primary source of noise in the project area is traffic along Hueneme Road.

Local Regulations

The County Board of Supervisors adopted a Noise Ordinance intended to protect residential communities from loud or raucous nighttime noise. The Noise Ordinance outlines the following noise-related policies:

> "No person shall create within any residential zone of the County of Ventura any loud or raucous noise which is audible to the human ear during the hours of 9 p.m. to 7 a.m. of the following day, at a distance of 50 feet from the property line of the noise source or 50 feet from any such noise source if the noise source is in a public right-of-way (County of Ventura, 1996)."

Ventura County Construction Noise Thresholds Criteria and Control Plan

The Ventura County Construction Noise Thresholds Criteria and Control Plan outlines the following noise-related policies:

> "Daytime Construction: Daytime (7:00 a.m. to 7:00 p.m. Monday through Friday, and from 9:00 a.m. to 7:00 p.m. Saturday, Sunday, and local holidays) generally means any time period not specifically defined as a more noise-sensitive time period (see Table 1). Depending on project duration, the daytime noise threshold criteria is the greater of the fixed hourly equivalent noise level (Leq(h)) limit (which includes non-construction evening and nighttime noise) or the measured ambient Leq(h) plus three decibels (dB)."

Table 1 Daytime Noise Thresholds

Construction Duration Affecting Noise-sensitive Receptors	Noise Threshold Criteria shall be the greater of these noise levels at the nearest receptor area or 10 feet from the nearest noise-sensitive building	
	Fixed L_{eq}(h), dBA	Hourly Equivalent Noise Level (Leq), dBA[1,2]
0 to 3 days	75	Ambient L_{eq}(h) + 3 dB
4 to 7 days	70	Ambient L_{eq}(h) + 3 dB
1 to 2 weeks	65	Ambient L_{eq}(h) + 3 dB
2 to 8 weeks	60	Ambient L_{eq}(h) + 3 dB
Longer than 8 weeks	55	Ambient L_{eq}(h) + 3 dB

Source: (County of Ventura, 2010)
Notes: 1. The instantaneous maximum level noise source or environment (Lmax) shall not exceed the Noise Threshold Criteria (NTC) by 20 a-weighted decibels (dBA) more than eight times per daytime hour. 2. Local ambient Equivalent continuous sound level (L_{eq}) measurements shall be made on any mid-week day prior to project work.

Discussion of Checklist Responses

a. Would the project generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in a local general plan or noise ordinance or applicable standards of other agencies?

Potentially Significant Impact. The nearest sensitive noise receptors are residences located approximately 30 feet from the project area. Construction and operation of the project could potentially impact the nearest sensitive noise receptors. Therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts related to an increase of noise levels, which would be discussed further in the Noise Study Report (NSR) and EIR.

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

Potentially Significant Impact. Activities with potential for adverse vibration impacts such as pile driving, structure demolition, and blasting would not be required. Construction and operation of the project could potentially generate groundborne vibration and/or noise. Therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts related to groundborne vibration, which would be discussed further in the NSR and EIR.

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

No Impact. The closest airport is Oxnard Airport, approximately four miles northwest of the project area. The project area would not be subject to high levels of aircraft noise and would not result in a safety hazard for individuals or construction workers located in the project area. Therefore, the project would result in no impact related to an airport land use plan.

14. Population and Housing

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☐	☒
b. Displace a substantial number of existing people or housing units, necessitating the construction of replacement housing elsewhere?	☐	☐	☒	☐

Environmental Setting

According to the U.S. Census, the 2022 population estimate within the County was approximately 838,734 people and has increased steadily since 2010 (United States Census Bureau, 2022).

Discussion of Checklist Responses

a. Would the project induce Population Growth?

No Impact. The project would not include the construction of new homes and businesses. Construction workers would be present for a temporary period of time but are not expected to contribute to population growth in the project area. Construction activities would be limited to improvements to an existing transportation facility and the project would not result in the extension of roads or other infrastructure to undeveloped areas. The project would increase roadway capacity; however, the increased roadway capacity would be consistent with the General Plan circulation plans and would accommodate planned growth in the area. Direct and indirect population growth from construction of the proposed project is not anticipated. Therefore, the project would result in no impact on population growth.

b. Would the project displace Population or Housing?

Less Than Significant Impact. The project would require acquisition of one residence in the project area. It is unknown if the residence is currently occupied; therefore, occupant relocation may be required pending further investigation. The project would not require the acquisition of any other residences. Therefore, the project would result in a less than significant impact related to displacement or housing.

15. Public Services

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
Would the Project:				
a. Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the following public services:				
i. Fire protection?	☐	☐	☒	☐
ii. Police protection?	☐	☐	☒	☐
iii. Schools?	☐	☐	☐	☒
iv. Parks?	☐	☐	☐	☒
v. Other public facilities?	☐	☐	☒	☐

Environmental Setting

The project area is in a rural area of the county. Emergency services that serve the project area include:

- **Fire Protection:** Ventura County Fire Department; 304 Second Street, Port Hueneme, CA 93041
- **Police Protection**: Ventura County Sheriff's Department; 800 South Victoria Avenue, Ventura, CA 93009

The nearest hospital to the project area is St. John's Regional Medical Center located approximately 4.5 miles north of the project area. The nearest school to the project area is Tierra Vista School, located approximately 0.5 mile north of the project area. The County currently operates 23 parks and recreation facilities (County of Ventura, Regional Recreation System, 2014). The nearest County-operated recreational facility to the project area is El Rio Community Center located approximately six miles north of the project area. The City of Oxnard, adjacent to the project area, operates and maintains 64 recreational facilities. The nearest recreational facility to the project area is Garden City Acres Park, located approximately 0.5 mile northwest of the project area (City of Oxnard, n.d.).

Discussion of Checklist Responses

a.i. Fire protection?

Less Than Significant Impact. Ventura County Emergency Operation Plan includes steps for response in the case of an emergency (County of Ventura, Emergency Operations Plan, 2013). The steps include evacuation of the threatened populations, advising on and implementing safety measures in the area and surrounding areas, identifying needs for mutual aid, and proclamation of any emergency by the Sheriff and County Board of Supervisors.

During construction, it is anticipated that Hueneme Road would remain open to through-traffic to maintain continuous access, however, partial lane closure would be required throughout the anticipated 12-month construction duration. Access would be improved following construction activities. The project would not induce growth or result in the need for new fire protection facilities. Therefore, the project would result in a less than significant impact on fire protection.

a.ii. Police protection?

Less Than Significant Impacts. See discussion in response (a.i.) above.

a.iii. Schools?

No Impact. There are no schools within 0.25 mile of the project area. The nearest school to the project area is Tierra Vista School, approximately 0.5 mile away. The project would not include residential development, would not result in an increase in population, and would not increase the potential number of students within the service area of the Ocean View District. Therefore, the project would result in no impact on schools.

a.iv. Parks?

No Impact. The closest park is Garden City Acres Park, located approximately 0.5 mile northwest of the project area. The project would not include residential development and would not increase the potential number of residents within the service area of the City of Oxnard Department of Parks and Recreation. In addition, the project would not increase the need for recreational facilities. Therefore, the project would result in no impact on parks.

a.v. Other Public Facilities?

Less Than Significant Impact. The project would not include residential development and would not increase the potential number of residents within the project vicinity that could result in an increase demand for other public services such as public libraries or hospitals. During construction, it is anticipated that Hueneme Road would remain open to through-traffic to maintain continuous access, however, partial lane closure would be required throughout the anticipated 12-month construction duration. The project would potentially cause delays due to the partial road closure during construction. However, access would be improved following construction activities. Therefore, the project would result in a less than significant impact on other public facilities.

16. Recreation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
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?	☐	☐	☐	☒
b. Include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☐	☒

Environmental Setting

The County currently operates 23 parks and recreation facilities (County of Ventura, Regional Recreation System, 2014). The nearest County operated recreational facility to the project area is El Rio Community Center located approximately six miles north of the project area. The City of Oxnard, adjacent to the project area, operates and maintains 64 recreational facilities. The nearest recreational facility to the project area is Garden City Acres Park, located approximately 0.5 mile northwest of the project area (City of Oxnard, n.d.).

Discussion of Checklist Responses

a. Increase Use of Existing Parks or Recreational Facilities?

No Impact. There are no parks or recreational facilities within or adjacent to the project area. The project would not result in population growth or generate increased demand for recreational facilities. Construction of the project also would not necessitate the closure of any parks. Therefore, the project would result in no impact related to the increased use of existing neighborhoods, regional parks, or recreational facilities.

b. Creation of New or Altered Recreational Facilities?

No Impact. See discussion in response (a) above.

17. Transportation

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

Environmental Setting

Site Access

Access to the project area is provided by Edison Drive, Hueneme Road, and Rice Avenue. Rice Avenue becomes SR 1 further north and connects to U.S. Highway 101, a freeway which provides regional access.

Ventura County General Plan

Goals:

- To ensure the design, construction, and maintenance of a safe and efficient roadway system for the movement of persons and goods.
- To facilitate the safe, efficient, and cost-effective movement of all users, including bicyclists, pedestrians, public transportation riders, children, older people, and disabled people, as well as motorists through the provision of an integrated multimodal system.

Policies:

- The County shall require evaluation of General Plan land use designation changes, zone changes, and discretionary development for their individual (i.e., project-specific) and cumulative transportation impacts based on VMT under CEQA pursuant to the methodology and thresholds of significance criteria set forth in the County Initial Study Assessment Guidelines.
- The County shall maintain LOS standards for use as part of the County's transportation planning including the traffic impact mitigation fee program, and the County's review and consideration of proposed land use legislation and discretionary development. For purposes of County transportation planning and review and consideration of proposed land use legislation and discretionary development, the County shall use the following minimum acceptable LOS for road segment and intersection design standards within the Regional Road Network and all other County-maintained roadways:
    - LOS-'C' for all Federal functional classification of Minor Collector (MNC) and Local roadways (L); and
    - LOS-'D' for all Federal functional classifications except MNC and L, and Federal and State

highways in the unincorporated area, except as otherwise provided in subparagraph;

- LOS-'E' for SR 33 between the northerly end of the Ojai Freeway and the city of Ojai, Santa Rosa Road, Moorpark Road north of Santa Rosa Road, SR 34 north of the city of Camarillo, and SR 118 between Santa Clara Avenue and the city of Moorpark;
- LOS 'F' for Wendy Drive between Borchard Drive to Lois Avenue; and
- The LOS prescribed by the applicable city for all federal highways, state highways, city thoroughfares and city-maintained local roads located within that city, if the city has formally adopted and is implementing a General Plan policy, ordinance, or a reciprocal agreement with the County regarding development in the city that is intended to improve the LOS of County-maintained local roads and federal and state highways located within the unincorporated area of the county.
- At any intersection between two or more roads, each of which has a prescribed minimum acceptable LOS, the lower LOS of the roads shall be the minimum acceptable LOS for that intersection.

- The County shall coordinate with Caltrans and cities to ensure that truck routes are appropriately designed and designated for the safe and efficient movement of goods throughout the county, particularly to the Port of Hueneme.
- The County shall strive to eliminate "gaps" in roadways, bikeways, and pedestrian networks by planning for and seeking funding to construct necessary improvements to remove barriers and improve transportation system connectivity as well as connections that support first and last mile accessibility to and from public transportation.

Discussion of Checklist Responses

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

Less Than Significant Impact. The General Plan has policies related to transportation listed above. The project would include roadway widening and improvements such as a paved median, bicycle lanes, and widened shoulders. The project would be designed to improve local access and circulation for bicyclists, pedestrians, and motorists in the surrounding area; therefore, the project would be consistent with the General Plan. Additionally, improvements for Hueneme Road were included in the County's Coastal Area Plan (County of Ventura, 2021). Therefore, the project would result in a less than significant impact related to circulation system policies.

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

Potentially Significant Impact. CEQA Guidelines section 15604.3, subdivision (b) outlines criteria for analyzing transportation impacts. Per CEQA Guidelines section 15064.3 subdivision (b), transportation projects that reduce or have no impact on, vehicle miles traveled should be presumed to cause a less than significant transportation impact.

During construction, the project would not require any temporary road closures or detours. The project would include the widening of Hueneme Road from a 2-lane roadway to a four-lane roadway and the addition of buffered bike lanes, turn lanes, and a paved median. Project improvements would result in an increase to roadway capacity in the project area. Therefore, additional analysis is required to determine whether the project would have potentially significant impacts related to CEQA Guidelines 15064.3 subdivision (b) which would be discussed further in the Traffic Study and EIR.

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

Less Than Significant Impact. Proposed improvements would be designed to meet current safety and geometric standards. The project would include widening an existing roadway and improvements such as a paved median, bicycle lanes, and widened shoulders that would reduce geometric hazards and enhance safety on the roadway. There are several agricultural properties adjacent to the project area that require the use farm equipment. Most of the surrounding properties have their own access roads and therefore, the project would not encourage the use of farm equipment on the widened roadway. Therefore, the project would result in a less than significant impact related to geometric hazards.

d. Result in inadequate emergency access?

Less Than Significant Impact. The project would not require any temporary road closures or detours that would interfere with emergency access. The roadway may be decreased to only one open lane during construction which could delay emergency response times; however, the County would coordinate with emergency services ahead of construction and any lane closures would be temporary. Emergency access would be improved following construction of the project. Therefore, the project would result in a less than significant impact related to emergency access.

18. Tribal Cultural Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
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	☒	☐	☐	☐
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.	☒	☐	☐	☐

Environmental Setting

Historical Resources

According to the California Office of Historic Preservation, there are no historic properties within or adjacent to the project area listed on the CRHR (California Office of Historic Preservation, n.d.).

Discussion of Checklist Items

a. Would the Project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k)?

Potentially Significant Impact. The project would require excavation and other ground-disturbing activities, including disturbance of some areas that have not been previously disturbed. These construction activities could directly impact unknown buried cultural resources. The County would conduct Native American outreach to determine if any Native American cultural resources or sacred places are identified in the project area. Therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts related to tribal cultural resources, which would be discussed further in the Archeological Survey Report and EIR.

b. Would the Project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred

place, or object with cultural value to a California Native American tribe, and that is listed in 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.

Potentially Significant Impact. See discussion in response (a) above.

19. Utilities and Service Systems

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

Environmental Setting

Frontier Communications (Telecommunications) facilities are located on the SCE overhead poles and there are underground lines along Hueneme Road. Sempra Utilities (Gas Company) has gas transmission mains along Hueneme Road near Edison Drive; the existing gas main may be impacted where the drainage ditch would be relocated.

Discussion of Checklist Responses

a. Would the project require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?

Potentially Significant Impact. The project would require three traffic signal modifications, three drainage pipe and drainage inlet relocations, seven culvert extensions and relocations, 41 power pole relocations, and 10 irrigation and water facility relocations. A gas transmission main owned by Sempra Utilities is located along Hueneme Road near Edison Drive; the gas transmission main may be impacted during construction. All utility relocations would be conducted in coordination with the service providers. In addition, the existing non-contiguous drainage ditch on the north side of the roadway would be shifted north to accommodate the widening of the road. The project would result in an increase of 339,000 square feet of impervious surface. Roadway and drainage modifications could result in impacts on water quality. Therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts related to the relocation or construction of utilities, which would be discussed

further in the Water Quality Report and EIR.

b. Would the project have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?

Less Than Significant Impact. Project construction would require the use of a minimal amount of water for dust control, compacting material for the road base and subgrade, and dewatering drillholes. Operation of the project would not require the use of water. Therefore, the project would result in a less than significant impact related to water supplies available to serve the project and reasonably foreseeable future development.

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

No Impact. The project would not require the need for wastewater treatment. Therefore, the project would result in no impact on wastewater treatment capacity.

d. Would the project generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?

Less Than Significant Impact. Solid waste from the project would be collected and disposed of at one or more of the following landfills and transfer stations:

- SA Recycling, Oxnard
- Santa Clara Valley Disposal, Ventura
- Vulcan Materials, Oxnard

No solid waste would be generated during project operation. Therefore, the project would not result in a permanent increase in solid waste generation. All solid-waste-generating activities within the County are subject to the requirements set for in California AB 939 (California Integrated Waste Management Act), which requires each city and county to divert 50 percent of its solid waste from landfill disposal through source reduction, recycling, and composting. Subsequently, Senate Bill 1016 (The Solid Waste Disposal Measurement Act) was implemented to provide a simplified measure of a jurisdiction's performance in accordance with AB 939 by moving to a per capita disposal rate. In addition, County Ordinance 4421 requires permit applicants working on construction and demolition projects within the unincorporated areas of the county to practice waste prevention. The project would not 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. In addition, the project would comply with federal, state, and local management and reduction statutes and regulations related to solid waste. Therefore, the project would result in a less than significant impact on solid waste management, regulations, generation, and local infrastructure capacity.

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

No Impact. Operation of the project would not result in the long-term generation or disposal of solid waste. The disposal of solid waste during construction would be short-term, and would be conducted in compliance with federal, state, and local statues and regulations related to solid waste. Therefore, the project would result in no impact on management and regulations related to solid waste.

20. Wildfire

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

Environmental Setting

Ventura County General Plan

As outlined in the Hazards and Safety Element of the General Plan, the following safety goals and policies would apply to the project (County of Ventura Resource Management Agency Planning Division, 2019).

Goals:

- To improve the resilience of the County to wildfire risk by locating, designing, and constructing development in a manner that minimizes the risk, and by providing effective fire prevention, suppression, and rescue services and facilities.

Policies:

- The County shall assemble an interagency team as needed to maintain response plans and coordinate the management of resources following wildfire events.

Ventura County Emergency Operations Plan

Ventura County Emergency Operation Plan includes steps for response in the case of an emergency (County of Ventura, Emergency Operations Plan, 2013). The steps include evacuation of the threatened populations, advising on and implemented safety measures in the area and surrounding areas, identifying needs for mutual aid, and proclamation of any emergency by the Sheriff and County Board of Supervisors.

Discussion of Checklist Responses

a. Would the project substantially impair an adopted emergency response plan or emergency evacuation plan?

Less Than Significant Impact. The project would not require any temporary road closures or detours that would interfere with emergency access. The roadway may be decreased to only one open lane during construction which may delay emergency response times. However, any delays related to construction would be temporary and emergency access would be improved once construction is complete. Therefore, the project would result in a less than significant impact related to an emergency response plan or emergency evacuation plan.

b. Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?

No Impact. According to the Background Report of General Plan the project area does not have a history of wildfires and is not within a wildfire concern area (Ventura County, 2020). Therefore, the project would result in no impact related to wildland fires.

c. Would the project 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?

Less Than Significant Impact. The project would require three traffic signal modifications, three drainage pipe and drainage inlet relocations, seven culvert extensions and relocations, 41 power pole relocations, and 10 irrigation and water facility relocations. A gas transmission main owned by Sempra Utilities is located along Hueneme Road near Edison Drive; the gas transmission main may be impacted during construction. All utility relocations would be conducted in coordination with the service providers. All utilities added for the project would be installed in accordance with standard practices to prevent the risk or spread of fire and would not exacerbate fire risk or result in temporary or ongoing impacts to the environment. Therefore, the project would result in less than significant impact related to risk of fire from associated infrastructure.

d. Would the project 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. See discussion in response (b) above.

21. Mandatory Findings of Significance

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than-Significant Impact	No Impact
a. Does the Project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?	☒	☐	☐	☐
b. Does the Project have impacts that are individually limited but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a Project are considerable when viewed in connection with the effects of past Projects, the effects of other current Projects, and the effects of probable future Projects.)	☒	☐	☐	☐
c. Does the Project have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?	☒	☐	☐	☐

Discussion of Checklist Responses

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

Potentially Significant Impact. As discussed in the *Biological Resources* and *Cultural Resources* sections, additional analysis is required to determine required to determine whether the project could have significant and unavoidable impacts related to biological and cultural resources. Therefore, the project could result in potentially significant impacts on the quality of the environment, fish or wildlife species habitat, fish or wildlife population, plant or animal communities, number or restricting the range of a rare or endangered plant or animal, or important examples of the major periods of California archaeology, cultural resources, history, or prehistory which would be discussed further in the EIR.

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.)

Potentially Significant Impact. Because several issue areas discussed in this IS have potentially significant impacts, the project's impact could be cumulatively considerable if other projects were to be constructed at the same time. Therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts, which would be discussed further in the EIR.

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

Potentially Significant Impact. It is unknown at this time if potentially significant impacts associated with air quality, biological resources, cultural resources, greenhouse gas emissions, hazards and hazardous materials, hydrology and water quality, noise, transportation, tribal cultural resources and utilities and service systems can be reduced to less than significant through implementation of mitigation measures.

Until the impacts are fully analyzed, and mitigation measures are determined, a final impact analysis cannot be made. Therefore, additional analysis is required to determine whether the project could have significant and unavoidable impacts related to effects on human beings, which would be discussed further in the EIR.

VI. REFERENCES

California Department of Conservation. (2010). *Fault Activity Map.* Retrieved from https://maps.conservation.ca.gov/cgs/fam/

California Department of Conservation. (2016). California Important Farmland Finder. California. Retrieved from https://maps.conservation.ca.gov/dlrp/ciff/

California Department of Conservation. (2019, April 14). California Earthquake Hazards Zone Application. California, United States. Retrieved from https://maps.conservation.ca.gov/cgs/EQZApp/app/

California Department of Conservation. (n.d.). *Alameda County Tsunami Inundation Maps.* Retrieved from https://www.conservation.ca.gov/cgs/tsunami/maps/alameda

California Department of Transportation. (2020). California State Scenic Highways. California, United. Retrieved from https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways

California Office of Historic Preservation. (n.d.). California Historical Resources. California, United States. Retrieved from https://ohp.parks.ca.gov/ListedResources/?view=county&criteria=56

City of Oxnard. (n.d.). Public Parks Map. California, United States. Retrieved from https://oxnard.maps.arcgis.com/apps/View/index.html?appid=1ab2e393ccc247288215ec789028eaef

County of Ventura. (1996, December 10). Noise Ordinance. California, United States. Retrieved from https://docs.vcrma.org/images/pdf/planning/ordinances/Noise_Ordinance.pdf

County of Ventura. (2010, July). Construction Noise Threshold Criteria and Control Plan. California, Ventura County. Retrieved from https://docs.vcrma.org/images/pdf/planning/ceqa/Construction_Noise_Thresholds.pdf

County of Ventura. (2011). *Intial Study Assessment Guidelines.*

County of Ventura. (2013). Emergency Operations Plan. California, United States. Retrieved from http://bosagenda.countyofventura.org/sirepub/cache/2/hrtfef4lx33i522m4a43ralo/59926606162021035300964.PDF

County of Ventura. (2014, October). Regional Recreation System. California. Retrieved from https://vcportal.ventura.org/GSA/parksdepartment/images/VC_Parks_Map_Poster_v2.pdf

County of Ventura. (2016). *Appendix C: SOAR (Save Open Space and Agricultural Resources).* Retrieved from https://vc2040.org/learn/resources

County of Ventura. (2019). *Oxnard Groundwater Subbasin.*

County of Ventura. (2020, September 15). Background Report for the Ventura County 2040 General Plan: Natural Resources. California, United States. Retrieved from https://docs.vcrma.org/images/pdf/planning/plans/VCGPU_08_Adopted_Natural_Resources_September_2020.pdf

County of Ventura. (2020). *County of Ventura General Plan- Circulation Element.*

County of Ventura. (2020). *General Plan- Conservation and Open Space Element.*

County of Ventura. (2021). *Coastal Area Plan.*

County of Ventura Resource Management Agency Planning Division. (2019, March 19). *Ventura County General Plan*. Retrieved from Goals, Policies, and Programs: https://docs.vcrma.org/images/pdf/planning/plans/Goals-Policies-and-Programs.pdf

Environmental Protection Agency. (2023). *WATERS Geoviewer*. Retrieved from https://www.epa.gov/waterdata/waters-watershed-assessment-tracking-environmental-results-system

Federal Emergency Management Agency. (2021, January 29). FEMA Flood Map Service Center. California, United States. Retrieved from https://msc.fema.gov/portal/search?AddressQuery=hueneme%20rd%2C%20oxnard%2C%20ca#searchresultsanchor

GPA Consulting. (2023). *Biological Site Surveys.*

GPA Consulting. (2023). *Visual Impact Assessment Memorandum.*

Los Angeles RWQCB. (2023). *State of California Los Angeles Regional Water Quality Control Board*. Retrieved from Natural Diversity Database (CNDDB), California Native Plan Society (CNPS), and USFWS Information and Planning and Consultation (IPaC) system databases

National Park Service. (2020). The National Park Service & Historic Preservation. United States. Retrieved from https://www.nps.gov/subjects/historicpreservation/index.htm

National Resources Conservation Service. (2021). *Web Soil Survey*. Retrieved September 6, 2017, from https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm

Natural Resource Conservation Service. (2020). Web Soil Survey. California, United States. Retrieved from https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx

San Buenaventura Research Associates. (2014). *Historic Context Statement and Reconnaissance Survey for the East Oxnard Plain.*

State Water Resources Control Board. (2021). Geotracker. California, United States. Retrieved from https://geotracker.waterboards.ca.gov/map/?CMD=runreport&myaddress=hueneme+rd%2C+oxnard%2C+ca

United States Census Bureau. (2022). *American Fact Finder*. Retrieved from Ventura County, California: https://www.census.gov/quickfacts/venturacountycalifornia

United States Department of Agriculture, Natural Resources Conservation Service. (2019a). *Geospatial Data Gateway*. Retrieved from https://datagateway.nrcs.usda.gov/GDGOrder.aspx

VCAPCD. (2003, October). Ventura County Air Quality Assessment Guidelines. California, Ventura Couunty. Retrieved from http://www.vcapcd.org/pubs/Planning/VCAQGuidelines.pdf

Ventura County. (2019, March 19). Ventura County General Plan Resources Appendix. California. Retrieved from https://docs.vcrma.org/images/pdf/planning/plans/General-Plan-Resources-Appendix.pdf

Ventura County. (2020, September). 2040 General Plan Update Background Report. California, United States. Retrieved from https://docs.vcrma.org/images/pdf/planning/plans/Background_Report_-_All_Sections.pdf

Ventura County. (2020). 2040 Ventura County General Plan. California, United States. Retrieved from https://docs.vcrma.org/images/pdf/planning/plans/Final_2040_General_Plan_docs/Ventura_County_2040_General_Plan_web_link.pdf

Ventura County. (2020, September). *General Plan 2040 General Plan.* Retrieved from County of Ventura Resource and Managment Agency: https://docs.vcrma.org/images/pdf/planning/plans/Final_2040_General_Plan_docs/Ventura_County_2040_General_Plan_web_link.pdf

Ventura County. (2021, April 13). *Ventura County Non-Coastal Zoning Ordinance*. Retrieved from https://vcrma.org/docs/images/pdf/planning/ordinances/VCNCZO_Current.pdf

Ventura County. (2023, January 24). Ventura County GIS Data. California, United States. Retrieved from https://venturacountydatadownloads-vcitsgis.hub.arcgis.com/datasets/vcitsgis::lca/explore?location=34.148217%2C-119.143934%2C14.94

Ventura County Air Pollution Control District. (n.d.). Air Quality Standards. California, Ventura County. Retrieved from http://www.vcapcd.org/air_quality_standards.htm

Ventura County Building and Safety Division. (2019). 2019 Ventura County Building Code. California, United states. Retrieved from https://s29422.pcdn.co/wp-content/uploads/2020/01/2019-VCBC.pdf

Ventura County. (n.d). County View. Ventura County, United States. Retrieved from https://maps.ventura.org/countyview/

Appendix B: Responses Received on Notice of Preparation

NATIVE AMERICAN HERITAGE COMMISSION

CHAIRPERSON
Reginald Pagaling
Chumash

VICE-CHAIRPERSON
Buffy McQuillen
Yokayo Pomo, Yuki, Nomlaki

SECRETARY
Sara Dutschke
Miwok

PARLIAMENTARIAN
Wayne Nelson
Luiseño

COMMISSIONER
Isaac Bojorquez
Ohlone-Costanoan

COMMISSIONER
Stanley Rodriguez
Kumeyaay

COMMISSIONER
Vacant

COMMISSIONER
Vacant

COMMISSIONER
Vacant

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

August 16, 2023

Matthew Maechler
Ventura County Department of Public Works
800 South Victoria Avenue
Ventura, CA 93009

Re: 2023080368, Hueneme Road Widening Project, Ventura County

Dear Mr. Maechler:

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states that a project that may cause a substantial adverse change in the significance of a historical resource, is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, §15064.5 (b) (CEQA Guidelines §15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines §15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). **AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements.** If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws.

AB 52

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:

- **a.** A brief description of the project.
- **b.** The lead agency contact information.
- **c.** Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).
- **d.** A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).

2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1(b)).

- **a.** For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).

3. Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:

- **a.** Alternatives to the project.
- **b.** Recommended mitigation measures.
- **c.** Significant effects. (Pub. Resources Code §21080.3.2 (a)).

4. Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:

- **a.** Type of environmental review necessary.
- **b.** Significance of the tribal cultural resources.
- **c.** Significance of the project's impacts on tribal cultural resources.
- **d.** If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).

5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process: With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).

6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:

- **a.** Whether the proposed project has a significant impact on an identified tribal cultural resource.
- **b.** Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

PWA - TRANSPORTATION DEPT
AUG 23 2023
RECEIVED

7. Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:

a. The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or

b. A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).

8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).

9. Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:

a. Avoidance and preservation of the resources in place, including, but not limited to:

i. Planning and construction to avoid the resources and protect the cultural and natural context.

ii. Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.

b. Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:

i. Protecting the cultural character and integrity of the resource.

ii. Protecting the traditional use of the resource.

iii. Protecting the confidentiality of the resource.

c. Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.

d. Protecting the resource. (Pub. Resource Code §21084.3 (b)).

e. Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).

f. Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:

a. The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.

b. The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.

c. The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf.

Some of SB 18's provisions include:

1. Tribal Consultation: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code §65352.3 (a)(2)).
2. No Statutory Time Limit on SB 18 Tribal Consultation. There is no statutory time limit on SB 18 tribal consultation.
3. Confidentiality: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).
4. Conclusion of SB 18 Tribal Consultation: Consultation should be concluded at the point in which:
   - **a.** The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
   - **b.** Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: http://nahc.ca.gov/resources/forms/.

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (https://ohp.parks.ca.gov/?page_id=30331) for an archaeological records search. The records search will determine:
   - **a.** If part or all of the APE has been previously surveyed for cultural resources.
   - **b.** If any known cultural resources have already been recorded on or adjacent to the APE.
   - **c.** If the probability is low, moderate, or high that cultural resources are located in the APE.
   - **d.** If a survey is required to determine whether previously unrecorded cultural resources are present.

2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
   - **a.** The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. 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.
   - **b.** The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

3. Contact the NAHC for:

a. A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.

b. A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

4. Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.

a. Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, §15064.5(f) (CEQA Guidelines §15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.

b. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.

c. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code §7050.5, Public Resources Code §5097.98, and Cal. Code Regs., tit. 14, §15064.5, subdivisions (d) and (e) (CEQA Guidelines §15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

If you have any questions or need additional information, please contact me at my email address: Cody.Campagne@nahc.ca.gov.

Sincerely,

Cody Campagne

Cody Campagne
Cultural Resources Analyst

cc: State Clearinghouse

RECEIVED
AUG 23 2023
PWA - TRANSPORTATION DEPT.

DEPARTMENT OF TRANSPORTATION
DISTRICT 7
100 S. MAIN STREET, MS 16
LOS ANGELES, CA 90012
PHONE (213) 269-1124
FAX (213) 897-1337
TTY 711
www.dot.ca.gov

Making Conservation a California Way of Life

GOVERNOR'S OFFICE OF PLANNING AND RESEARCH
Sep 12 2023
STATE OF CALIFORNIA

September 12, 2023

Matthew Maechler
Ventura County Department of Public Works
800 South Victoria Avenue
Ventura, CA 93009

RE: Hueneme Road Widening Project
SCH # 2023080368
Vic. VEN-12.82 to R14.558
GTS # VEN-2023-00556-NOP

Dear Matthew Maechler:

Thank you for including the California Department of Transportation (Caltrans) in the environmental review process for the above-referenced environmental document. The County proposes to widen an approximate 1.93-mile portion of Hueneme Road, between Edison Drive and Rice Avenue, from a 2-lane roadway to a 4-lane roadway with buffered bike lanes, a paved median, and turn lanes (project). All existing left-turn lanes would be retained as part of the project. The total width of the new roadway would vary between 63 to 72 feet. The widened roadway would taper to the existing configuration of one travel lane in each direction approximately 1,200 feet east of Rice Avenue.

The purpose of this project is to improve vehicle and bicycle travel and safety, improve the freight movement corridor, increase connectivity for bicycle riders, and complete vehicle and bicycle improvements consistent with the General Plan on Hueneme Road from Edison Drive to Rice Avenue.

The mission of Caltrans is to provide a safe and reliable transportation network that serves all people and respects the environment. Senate Bill 743 (2013) has codified into CEQA law and mandated that CEQA review of transportation impacts of proposed development be modified by using Vehicle Miles Traveled (VMT) as the primary metric in identifying transportation impacts for all future development projects. You may reference the Governor's Office of Planning and Research (OPR) for more information:

https://opr.ca.gov/ceqa/#guidelines-updates

As a reminder, VMT is the standard transportation analysis metric in CEQA for land use projects after July 1, 2020, which is the statewide implementation date.

Also, Caltrans has published the VMT-focused Transportation Impact Study Guide (TISG), dated May 20, 2020 and the Caltrans Interim Land Development and Intergovernmental Review (LD-IGR) Safety Review Practitioners Guidance, prepared On December 18, 2020. You can review the SB 743 Implementation Resource at the following link:

https://dot.ca.gov/programs/sustainability/sb-743/sb743-resources

Caltrans encourages lead agencies to prepare traffic safety impact analysis for this development in the California Environmental Quality Act (CEQA) review process using Caltrans guidelines above on the State facilities so that, through partnerships and collaboration, California can reach zero fatalities and serious injuries by 2050.

On page 50 of the Initial Study, "during construction, the project would not require any temporary road closures or detours. The project would include the widening of Hueneme Road from a two-lane roadway to a four-lane roadway and the addition of buffered bike lanes, turn lanes, and a paved median. Project improvements would result in an increase to roadway capacity in the project area".

The project is anticipated to have construction vehicle trips. This may include the use of oversized vehicles. These vehicles may travel at lower speeds than other traffic, and because of their size, intrude into adjacent travel lanes. Caltrans is concerned that this situation may potentially create a safety issue.

To assist in evaluating the potential impacts of this project on State Transportation facilities, a construction traffic study should be prepared to analyze the following information if a potential construction impact may occur:

1. Construction/truck traffic impacts on SR-1, and all significantly impacted streets, crossroads, and controlling intersections, as well as an analysis of existing conditions and construction periods.
2. If truck traffic is expected to cause a queue on the State facility intersections, please forward a truck/traffic construction management plan to Caltrans for review.
3. Traffic volume counts that include anticipated AM and PM peak-hour volumes.
4. Queuing analysis or construction traffic discussion at Caltrans intersections at state-impacted facilities before and during construction.
5. A brief construction/operation traffic discussion showing ingress/egress, turning movements, and a directional flow for construction vehicle trips.
6. Discussion of mitigation measures appropriate to alleviate anticipated construction/truck/operation traffic impacts.

We look forward to reviewing the traffic study and expect to receive a copy from the State Clearinghouse when the DEIR is completed. If you would like to expedite the review process or receive early feedback from Caltrans, please feel free to send a copy of the DEIR directly to our office.

If you have any questions, please feel free to contact Mr. Alan Lin, the project coordinator, at (213) 269-1124 and refer to GTS # VEN-2023-00556AL-NOP.

Sincerely,

Miya Edmonson

MIYA EDMONSON
LDR/CEQA Branch Chief

email: State Clearinghouse

COUNTY of VENTURA
RESOURCE MANAGEMENT AGENCY
DAVE WARD
Planning Director

SUSAN CURTIS
Assistant Planning Director

January 23, 2024

Jenna Kachour
840 Apollo Street, Suite 312
El Segundo, CA 90245

Sent via email: jenna@gpaconsulting-us.com

Subject: **Section 106 Environmental Review**
Hueneme Road Widening Project

Dear Ms. Kachour,

Ventura County Cultural Heritage Board (CHB) staff is in receipt of the invitation to comment on the above-referenced project. Thank you for the opportunity to review and comment. CHB staff has researched the project site, as well as property within the vicinity, and found the following:

1. Several potential[1] Cultural Heritage Sites are located within proximity to the project site. These properties were previously evaluated in a reconnaissance-level survey completed in December 2014.[2] These properties consist of the following:
    - 3478 E. Hueneme Road
    - 1552 E. Hueneme Road
    - 2292 E. Hueneme Road
    - 2281 E. Hueneme Road

2. Since the time of survey, additional properties in proximity to the project site may have reached 50 years of age and require additional evaluation. Any historic resource surveys or reports prepared as part of the project should include an evaluation of eligibility as a Ventura County Cultural Heritage Site.

[1] Pursuant to the Ventura County Cultural Heritage Ordinance No. 4604, a potential Cultural Heritage Site is an improvement, natural feature, or site of historical, architectural, community, or aesthetic merit which may meet the criteria specified in the ordinance and has not yet been officially designated by the Cultural Heritage Board or the Board of Supervisors as a District, Landmark, Site of Merit, or Point of Interest.

[2] San Buenaventura Research Associates, *Eastern Oxnard Plain Historic Context & Reconnaissance Survey*, December 2014. Available at https://docs.vcrma.org/images/pdf/planning/programs/chb/East-Oxnard-Plain-Context-12-2014.pdf.

3. General Plan Conservation and Open Space Element Program II: Cultural, Historical, Paleontological, and Archaeological Resource Assessment Procedures For discretionary projects, the County shall require the following:
    a. Projects shall be designed to protect existing resources and shall avoid potential impacts to the maximum extent feasible.
    b. If determined necessary by the County, an archaeological or paleontological and/or Native American monitor shall be retained to monitor ground-disturbing activities during construction.
    c. If any materials or artifacts are discovered during ground disturbance and/or construction activities, construction shall halt until a qualified archaeologist, paleontologist, or Native American monitor can access the discovery. A report or memorandum shall be prepared by the qualified monitor documenting any findings and identifying recommendations for protection or avoidance of discovered resources. Recommendations or mitigation identified by the qualified monitor shall be implemented prior to commencing.

4. General Plan Conservation and Open Space Element Program JJ Project-Level Historic Surveys and Protection of Historic Resources (in pertinent part). For buildings or structures that do meet PRC 5024.1 or the CEQA criteria for historical resource, note the following:

    1) If the building or structure can be preserved on site, but remodeling, renovation or other alterations are required, this work shall be conducted in compliance with the Secretary of the Interior's Standards for the Treatment of Historic Properties.

    2) If a significant historic building or structure is proposed for major alteration or renovation, or to be moved and/or demolished, the County shall ensure that a qualified architectural historian thoroughly documents the building and associated landscape and setting. Documentation shall include still and video photography and a written documentary record/history of the building to the standards of the Historic American Building Survey or Historic American Engineering Record, including accurate scaled mapping, architectural descriptions, and scaled architectural plans, if available. The record shall be prepared in consultation with State Historic Preservation Officer and filed with the Office of Historic Preservation. The record shall be accompanied by a report containing site-specific history and appropriate contextual information. This information shall be gathered through site specific and comparative archival research, and oral history collection as appropriate.

    3) If preservation and reuse at the site are not feasible, the historical building shall be documented as described in item (2) and, when physically and financially feasible, be moved and preserved or reused.

    4) If, in the opinion of the qualified architectural historian, the nature and significance of the building is such that its demolition or destruction cannot be fully

mitigated through documentation, the County shall reconsider project plans in light of the high value of the resource, and implement more substantial modifications to the proposed project that would allow the structure to be preserved intact. These could include project redesign, relocation or abandonment. If no such measures are feasible,1 the historical building shall be documented as described in item (2).

5. General Plan Conservation and Open Space Element Program KK: Implement Project-Level Security Measures
During project-level ground disturbance activities for discretionary development, in areas where paleontologically rich sites or tribal cultural resources are known to be present, project sites shall be secured during non-construction hours to ensure that the unauthorized access and the unlawful curation of fossil materials or tribal cultural resources does not occur. Such security measures may include construction fencing, unauthorized access signage, security lighting, and security cameras. For large-scale development, a security plan may be prepared prior to construction activities to detail security measures and protocol for the project site.

6. Certificate of Appropriateness/Review Application. Section 1371 and Section 1372 of Ventura County Ordinance No. 4604 requires submission and approval of a Certificate of Appropriateness (COA) or Certificate of Review (COR) application, respectively, by the Cultural Heritage Board (CHB) or CHB staff prior to commencement of work or receipt of necessary permits for maintenance, alterations, restoration, rehabilitation, remodeling, addition, change of use, demolition, subdivision, or relocation of a designated or potentially eligible Cultural Heritage Site.

   The COA/COR is a required authorization prior to the issuance of a permit or commencement of work. In order for a COA/COR to be issued, it must be found that the scope of work will not adversely affect the designated Cultural Heritage Site's values. To make this determination, staff and the CHB use the Secretary of the Interior's Standards in conducting our analysis of a subject property and proposed project. These are a set of guidelines and principles related to the treatment of historic properties, including preservation, rehabilitation, restoration, and reconstruction. Please find information related to the Secretary of the Interior's Standards here: https://www.nps.gov/tps/standards.htm. Most proposed actions fall within the scope of Rehabilitation. Refer to the ten Rehabilitation standards here: https://www.nps.gov/tps/standards/four-treatments/treatment-rehabilitation.htm.

   For any scope of work that requires cultural heritage review, CHB staff require the following materials:

   - Completed and signed COA/COR application form;
   - Site plans and elevations (digital 24x36 and 11x17), including window and door schedule;

- Architectural cut sheets for all proposed materials (windows, doors, roofing, siding, signage, lighting, etc)
- One set of color photographs. Photographs of all sides of the building(s) and surroundings, including neighborhood context. Include historic (and "before") photographs if available.
- Historic resources report or evaluation prepared by an architectural historian or historic preservation professional meeting the Secretary's Standards.

The CHB currently meets as needed on the second and fourth Mondays of the month. The project planner should allow thirty days prior to the next meeting for CHB staff to process the project. Following the meeting of the CHB, CHB staff will forward the results of the CHB's review. The CHB, on some occasions, will require a site inspection and may take more than one meeting to deal with the project.

Lastly, please provide to my attention a digital copy of any historic or cultural resource studies resulting from the proposed project. Thank you again for the opportunity to comment on the proposed project.

If you require anything further or have questions regarding our findings, please do not hesitate to contact me at (805) 654-5042 or at Dillan.Murray@ventura.org.

Sincerely,

Dillan Murray
Cultural Heritage Program Planner

From:	Maechler, Matthew
To:	Perez, Yvette; Erinn Silva
Cc:	Arroyo, Susanna; Heredia, JoeAnn
Subject:	FW: Outside Environmental Document Review; RMA #23-015; Comments Due 09/13/2023
Date:	Friday, September 8, 2023 10:22:17 AM
Attachments:	image004.png image005.png

FYI

From: Hayes, Joel <Joel.Hayes@ventura.org>
Sent: Friday, September 8, 2023 9:23 AM
To: Maechler, Matthew <Matthew.Maechler@ventura.org>
Cc: Engstrom, Aaron <Aaron.Engstrom@ventura.org>; Ciuffetelli, Anthony <Anthony.Ciuffetelli@ventura.org>
Subject: RE: Outside Environmental Document Review; RMA #23-015; Comments Due 09/13/2023

Hi Matthew,

The Planning Division is not going to send a formal comment letter for this project, however we wanted to thank you for including space for the bike lanes and Coastal Trail in the road alignment.

Best,
Joel Hayes, MPPA | Assistant Planner
Area Plans and Resources
joel.hayes@ventura.org
P. (805) 654-2834

From: Ciuffetelli, Anthony <Anthony.Ciuffetelli@ventura.org>
Sent: Thursday, August 17, 2023 8:16 AM
To: Engstrom, Aaron <Aaron.Engstrom@ventura.org>; Hayes, Joel <Joel.Hayes@ventura.org>; Convery, Abigail <Abigail.Convery@ventura.org>; Murray, Dillan <Dillan.Murray@ventura.org>
Subject: Outside Environmental Document Review; RMA #23-015; Comments Due 09/13/2023

Good Morning,

Please review the project details below. Comments related to this project are due **September 13, 2023**.

- Lead Agency: VC Public Works
- Project: Hueneme Road Widening Project

- Environmental Document: IS/ NOP of Draft EIR
- Website: https://ceqanet.opr.ca.gov/2023080368

Best,

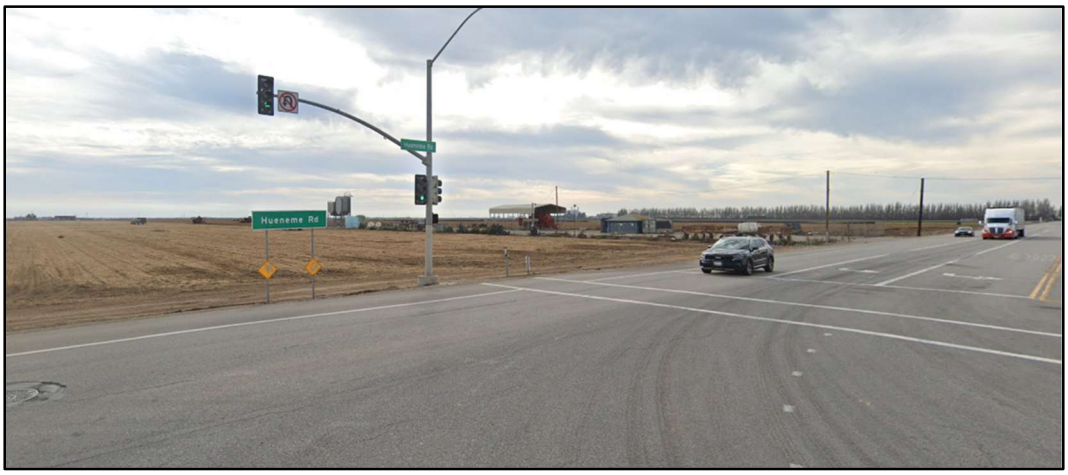
-Tony C.

Anthony Ciuffetelli
Ventura County Planning Division
Planning Programs
(805)654-2443

Appendix C: Air Quality Report

AIR QUALITY REPORT

Hueneme Road Widening Project



Hueneme Road Widening Project
County of Ventura, CA
07-VEN-Hueneme Road
VEN011202

September 2025

This document contains pages to accommodate two-sided printing.

AIR QUALITY REPORT

Hueneme Road Widening Project
County of Ventura, California
07 – VEN–Hueneme Road
VEN011202

September 2025

Reviewed By: Andrew Yoon Date: 9/16/25

Andrew Yoon, P.E.
Senior Transportation Engineer, Air Quality Branch
Caltrans District 7
100 South Main Street
Los Angeles, California 90012

Prepared By: _____ Date: 09/16/2025

Kurt Legleiter, Principal
Ambient Air Quality & Noise Consulting, LLC
75 Higuera Street, Suite 105
San Luis Obispo, CA 93401

For individuals with sensory disabilities, this document is available in alternative formats. To obtain a copy in one of these alternate formats, use the California Relay Service 1 (800) 735-2929 (TTY to voice), 1 (800) 735-2922(voice to TTY), 1 (800) 855-3000 (Spanish TTY to voice and voice to TTY) 1-(800) 854-7784 (Spanish & English speech to speech), or 711..

Table of Contents

1. Project Description 1
   1.1 Introduction 1
      1.1.1. Proposed Project 1
   1.2 Location and Background 2
   1.3 Purpose and Need 3
   1.4 Baseline and Forecasted Traffic Conditions 7
      1.4.1 Existing Year 2023/Baseline 7
      1.4.2 No-Build Alternative 7
      1.4.3 Build Alternative 9
      1.4.4 Comparison of Existing Year 2023/Baseline and Alternatives 12
   1.5 Construction Activities and Schedule 17

2. Regulatory Setting 18
   2.1 Pollutant-Specific Overview 18
      2.1.1 Criteria Pollutants 18
      2.1.2 Mobile Source Air Toxics 22
      2.1.3 Greenhouse Gases and Climate Change 22
      2.1.4 Asbestos 24
   2.2 Regulations 25
      2.2.1 Federal and California Clean Air Act 25
      2.2.2 Transportation Conformity 25
      2.2.3 National Environmental Policy Act 26
      2.2.4 California Environmental Quality Act 27
      2.2.5 Local 27

3. Affected Environment 28
   3.1 Regional Meteorology & Climate 28
      3.1.1 Temperature Inversions 28
      3.1.2 Topography 30
   3.2 Existing Air Quality 30
      3.2.1 Ambient Air Quality Monitoring 30
      3.2.2 Criteria Pollutants and Attainment Status 33
      3.2.3 Mobile Source Air Toxics 33
      3.2.4 Greenhouse Gas and Climate Change 33
   3.3 Sensitive Receptors 35
   3.4 Conformity Status 35
      3.4.1 Regional Conformity 35
      3.4.2 Project-Level Conformity 36
      3.4.3 Interagency Consultation 36

4. Environmental Consequences ... 37
4.1 Impact Criteria ... 37
4.2 Short-Term Effects (Construction Emissions) ... 37
4.2.1 Construction Equipment, Traffic Congestion, and Fugitive Dust ... 37
4.2.2 VCAPCD Rules and Regulations ... 40
4.2.3 Asbestos ... 40
4.2.4 Lead ... 41
4.2.5 Odors ... 41
4.3 Long-Term Effects (Operational Emissions) ... 42
4.3.1 CO Analysis ... 43
4.3.2 PM Analysis ... 50
4.3.3 NO_2 Analysis ... 51
4.3.4 Mobile Source Air Toxics Analysis ... 52
4.3.5 For Incomplete or Unavailable Information ... 54
4.3.6 Greenhouse Gas Emissions Analysis ... 56

5. Minimization Measures ... 59
5.1 Construction ... 59

6. Conclusions ... 60

7. References ... 61

8. Appendices ... 63

List of Appendices

Appendix A RTP and TIP Listings for the Project and FHWA Conformity Determination
Appendix B Ambient Air Quality Monitoring Data
Appendix C Areas More Likely to Contain Naturally-Occurring Asbestos
Appendix D CO Flow Chart (Based on the CO Protocol)
Appendix E Emission Calculations

List of Tables

Table 1-1. Summary of Roadway Conditions – Existing Year 2023 7
Table 1-2. Intersection LOS Analysis – Existing Year 2023 7
Table 1-3. No-Build Summary of Roadway Conditions – Opening Year 2030 8
Table 1-4. No-Build Intersection LOS Analysis – Opening Year 2030 8
Table 1-5. No-Build Summary of Roadway Conditions – Design Year 2050 8
Table 1-6. No-Build Intersection LOS Analysis – Design Year 2050 9
Table 1-7. Build Summary of Local Roadway Conditions – Opening Year 2030 9
Table 1-8. Build Intersection LOS Analysis – Opening Year 2030 10
Table 1-9. Build Summary of Roadway Conditions – Design Year 2050 10
Table 1-10. Build Intersection LOS Analysis – Design Year 2050 10
Table 1-11. Summary of Long-Term Operational Impacts on Traffic Conditions for Existing and Future No-Build Alternatives 11
Table 1-12. Summary of Long-Term Operational Impacts on Traffic Conditions for Existing and Future Build Alternatives 11
Table 1-13. Comparison of Intersection Levels of Service – Opening Year 2030 14
Table 1-14. Comparison of Segment Traffic Average Daily Traffic Volumes – Opening Year 2030 14
Table 1-15. Comparison of Intersection Levels of Service – Design Year 2050 15
Table 1-16. Comparison of Segment Traffic Average Daily Traffic Volumes – Design Year 2050 15
Table 1-17. Summary of Existing, No-Build Alternative, and Build Alternative Traffic Conditions 16
Table 1-18. Construction Phases and Schedule 17
Table 2-1. Table of State and Federal Ambient Air Quality Standards 19
Table 2-2. State and Federal Criteria Air Pollutant Effects and Sources 21
Table 3-1. Air Quality Concentrations for the Past Five Years Measured at El Rio-Rio Mesa School #2 and Reseda Ambient Air Quality Monitoring Stations 31
Table 3-2. State and Federal Attainment Status 34
Table 3-3. Status of Plans Related to Regional Conformity 36
Table 4-1. Construction Emissions of Criteria Air Pollutants & Precursors 38
Table 4-2. Summary of Comparative Operational Emissions Analysis 42
Table 4-3. Peak Hour Lane Volumes – Opening Year 2030 46
Table 4-4. Peak Hour Lane Volumes – Design Year 2050 47
Table 4-5. Change in Intersection LOS 45
Table 4-6. Summary of Comparative GHG Emissions & Traffic Conditions 56
Table 4-7. Construction-Generated GHG Emissions 58

List of Figures

Figure 1-1. Project Regional Location 4
Figure 1-2. Project Location 5
Figure 1-3. Project & Nearby Land Uses 6
Figure 3-1. Predominant Wind Patterns Near the Project 29
Figure 3-2. Map of Air Quality Monitoring Stations Located Near the Project 32

Acronyms and Abbreviations

Term	Definition
°F	Degrees Fahrenheit
$\mu g/m^3$	Micrograms per Meter Cubed
AADT	Average Annual Daily Traffic
AB	Assembly Bill
ACM	Asbestos-Containing Material
ADT	Average Daily Traffic
ARB	California Air Resources Board
CAAA	Clean Air Act Amendments
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
Caltrans	California Department of Transportation
CCAA	California Clean Air Act
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CH_4	Methane
CO	Carbon Monoxide
CO Protocol	Transportation Project-Level Carbon Monoxide Protocol
CO_2	Carbon Dioxide
CO_2e	Carbon Dioxide Equivalent
County	Ventura County
DPM	Diesel Particulate Matter
EO	Executive Order
FCAA	Federal Clean Air Act
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
FTIP	Federal Transportation Improvement Program
GHG	Greenhouse Gas
GWP	Global Warming Potential
H_2S	Hydrogen Sulfide
HEI	Health Effects Institute
HEPE	Office of Project Development and Environmental Review
HEPN	Office of Natural Environment
LOS	Level of Service
$MMTCO_2e$	Million Metric Tons Carbon Dioxide Equivalent
MOVES	Motor Vehicle Emission Simulator
mph	Miles per Hour
MPO	Metropolitan Planning Organization
MSAT	Mobile Source Air Toxics
$MTCO_2e$	Metric Tons Carbon Dioxide Equivalent

N_2O	Nitrous Oxide
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NHTSA	National Highway Traffic Safety Administration
NO_2	Nitrogen Dioxide
NOA	Naturally-Occurring Asbestos
NO_x	Nitrogen Oxide
O_3	Ozone
Pb	Lead
PM	Particulate Matter
PM_{10}	Particulate Matter less than 10 Microns in Diameter
$PM_{2.5}$	Particulate Matter less than 2.5 Microns in Diameter
POAQC	Project of Air Quality Concern
ppb	Parts per billion
ppm	Parts per million
project	Hueneme Road Widening Project
ROGs	Reactive Organic Gases
ROW	Right-of-way
RTP	Regional Transportation Plan
SCAG	Southern California Associated Governments
SCCAB	South Central Coast Air Basin
SCE	Southern California Edison
SCS	Sustainable Communities Strategy
SIP	State Implementation Plan
SMAQMD	Sacramento Metropolitan Air Quality Management District
SO_2	Sulfur dioxide
TACs	Toxic Air Contaminants
TCE	Temporary Construction Easements
TIS	Traffic Impact Study
U.S. EPA	United States Environmental Protection Agency
USC	United States Code
USDOT	United States Department of Transportation
v/l/h	vehicles per lane per hour
VCAPCD	Ventura County Air Pollution Control District
VMT	Vehicle Miles Traveled
VOCs	Volatile Organic Compounds

1. Project Description

1.1 Introduction

The County of Ventura (County) proposes to widen an approximate 1.93-mile portion of Hueneme Road, between Edison Drive and Rice Avenue, from a two-lane roadway to a four-lane roadway with buffered bike lanes, a paved median, and turn lanes. The purpose of the project is to improve vehicle and bicycle travel and safety between the Cities of Oxnard and Camarillo. The project is listed in the Southern California Association of Governments (SCAG) 2025 Federal Transportation Improvement Program (FTIP) Amendment #25-09 for the fiscal years 2027/2028.

The California Department of Transportation (Caltrans) is the lead agency under the National Environmental Policy Act (NEPA). The County is the lead agency under the California Environmental Quality Act (CEQA).

1.1.1. Proposed Project

The Hueneme Road Widening Project (project) would include four 12-foot through lanes (two in the eastbound direction and two westbound direction), a 14-foot paved median, two 6-foot bike lanes on either side of the roadway with a 2-foot buffer between the bicycle lanes and the traffic lanes, and two 4-foot shoulders on either side of Hueneme Road between Edison Drive and Rice Avenue. All existing left-turn lanes would be retained as part of the project. The total width of the new roadway would vary between 63 to 72 feet. The widened roadway would taper to the existing configuration of one travel lane in each direction approximately 1,200 feet east of Rice Avenue.

The existing centerline of the road would be shifted as part of the roadway widening. Construction of the widened roadway would require a maximum ground disturbance of approximately 12-14 inches to install the new roadbed. Widening of the roadway would result in approximately 339,000 square feet of increased impervious surface area. It is anticipated that the existing drainage ditch on the north side of the roadway would be shifted north to accommodate the widening of the road. The limits of the relocated ditch would not extend beyond the new County right-of-way (ROW) line.

The project would require three traffic signal modifications, drainage pipe and drainage inlet relocations, culvert extensions and relocations, 41 power pole relocations, and 10 irrigation and water facility relocations. The power poles along Hueneme Road are located within County ROW; however, coordination and preplanning would be needed with Southern California Edison (SCE) to relocate the poles prior to widening the roadway. It is anticipated that SCE would install the poles using auger drilling. Additionally, Frontier Communications (Telecommunications) are located on the SCE overhead poles and have underground lines along Hueneme Road. Sempra Utilities (Gas Company) has gas transmission mains along Hueneme Road near Edison Drive; the existing gas main may be impacted where drainage and/or water facilities are relocated. Signal pole relocations would

require ground disturbance at a maximum depth of 16 feet. The project would not include the relocation of any water lines, recycled water lines, or sewer mains.

The project may include minor work related to 23 driveways located within the project area; this work would be limited to conforming the driveway to the new roadway configuration. Construction would be staged to provide continuous access to each private parcel at all times. In addition, at least one lane would be open to provide continuous access for vehicles through the project area and no detours to adjacent roadways would be required. Due to traffic volumes in the area, night work is anticipated to avoid traffic impacts during construction.

The proposed improvements would require ROW and temporary construction easements (TCE). The project would require permanent ROW of approximately 9.3 acres from 30 properties. This would include approximately 4.7 acres of Farmland of Statewide Importance, 4.5 acres of Prime Farmland, and 0.13 acres of Urban and Built-Up Land and Other Land. Additionally, the project would require TCE from 3.73 Acres of Farmland of Statewide Importance, 3.53 acres of Prime Farmland, and 0.14 acres of Urban and Built-Up Land and Other Land. The total area of disturbance would be approximately 7.8 acres.

Permanent ROW acquisition required to complete the project would include sliver takes from parcels adjacent to the project area; no full acquisitions are anticipated. The roadway widening would require removal of four buildings, including one fruit stand, one auxiliary building, one residence, and one garage. Vegetation removal would be required to accommodate the widening, and approximately 329 eucalyptus trees would also need to be removed. Tree removal would result in a vertical ground disturbance of approximately two feet below existing grade; a stump grinder would be used to remove the trunk and roots.

1.2 Location and Background

The project is located within the County of Ventura, which is within the SCAG planning area and the Ventura County Air Pollution Control District (VCAPCD). According to the County's General Plan, Hueneme Road is identified as an Other Principal Arterial and Major Collector and a City of Port Hueneme and City of Oxnard Commercial Vehicle Route within the project area (County of Ventura, 2020). Between Edison Drive and Rice Avenue, Hueneme Road includes two vehicle travel lanes, one in the eastbound direction and one in the westbound direction. At the western terminus of the project, Hueneme Road intersects with Edison Drive; the current configuration includes four vehicle travel lanes on Hueneme Road west of Edison Drive, two vehicle travel lanes on Hueneme Road east of Edison Drive, and two vehicle travel lanes on Edison Drive to the north and south of Hueneme Road. There are dedicated left-turn lanes in each direction at the intersection of Hueneme Road and Edison Drive. At the eastern terminus of the project, Hueneme Road intersects with Rice Avenue, creating a "T" intersection, where Rice Avenue dead-ends at Hueneme Road and the existing through lanes turn into a left- and right-turn lane. The current configuration includes four vehicle travel lanes on Rice Avenue, north of the "T" intersection, two vehicle travel lanes on Hueneme Road west of Rice Avenue, and two vehicle travel lanes of Hueneme Road east of Rice Avenue. Figure 1-1 presents the regional location, Figure 1-2 presents the project location, and Figure 1-3 presents the project nearby land uses.

The project is included in the regional emissions analysis conducted by SCAG for the conforming 2024-2050 Regional Transportation Plan and Sustainable Communities Strategy (RTP/SCS) also referred to as the Connect SoCal 2024 RTP/SCS. The project is also included in the 2024-2050 RTP/SCS, Amendment #1, and the 2025 FTIP Amendment #25-09. The project is identified in the 2024-2050 RTP/SCS Amendment #1 and the 2025 FTIP Amendment #25-09 as ID #VEN011202. Federal regional conformity determination approval was issued for the 2024-2050 RTP/SCS Amendment #1 on December 16, 2024 and the 2025 FTIP Amendment #25-09 on June 9, 2025. The most recent amendment to the 2025 FTIP is the 2025 FTIP Amendment #25-12, which received federal regional conformity determination approval on August 19, 2025. However, the project is not listed in 2025 FTIP Amendment #25-12 because the project has not changed since the 2025 FTIP Amendment #25-09 was approved on June 9, 2025.

1.3 Purpose and Need

Roadways in the County facilitate the movement of goods throughout the region and state. Hueneme Road serves as the primary freight route to and from Port of Hueneme. Goal one of the Circulation, Transportation, and Mobility Element in the County's General Plan states "To ensure the design, construction, and maintenance of a safe and efficient roadway system for the movement of persons and goods." The project is intended to serve existing transportation demand, improve freight movement corridor, and improve vehicle and bicycle travel and safety. The Project will provide new Class II buffered bicycle lanes along Hueneme Road between Edison Drive and Rice Avenue. In addition, the project is included in the County's General Plan as a segment of the proposed multi-modal coastal trail. Proposed improvements, such as the addition of buffered bike lanes, would support the County's goal to "To provide a continuous trail route along coastal areas of the County that forms a part of the statewide California Coastal Trail system and provides access to other trails, the shoreline, public recreational opportunities, and coastal points of interest" (County of Ventura 2021, Kimley Horn 2023)."

Figure 1-1. Project Regional Location

Figure 1-2. Project Location

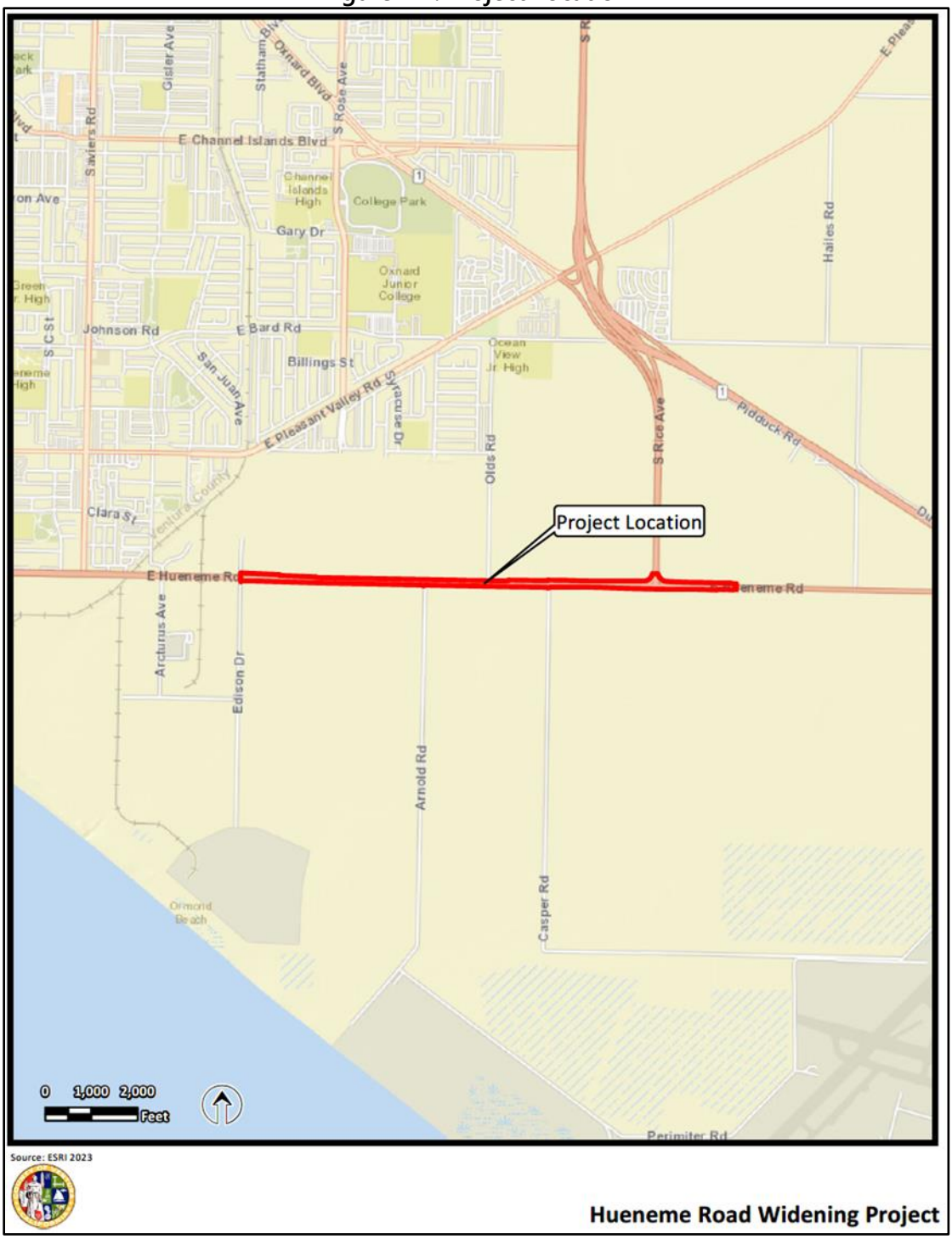
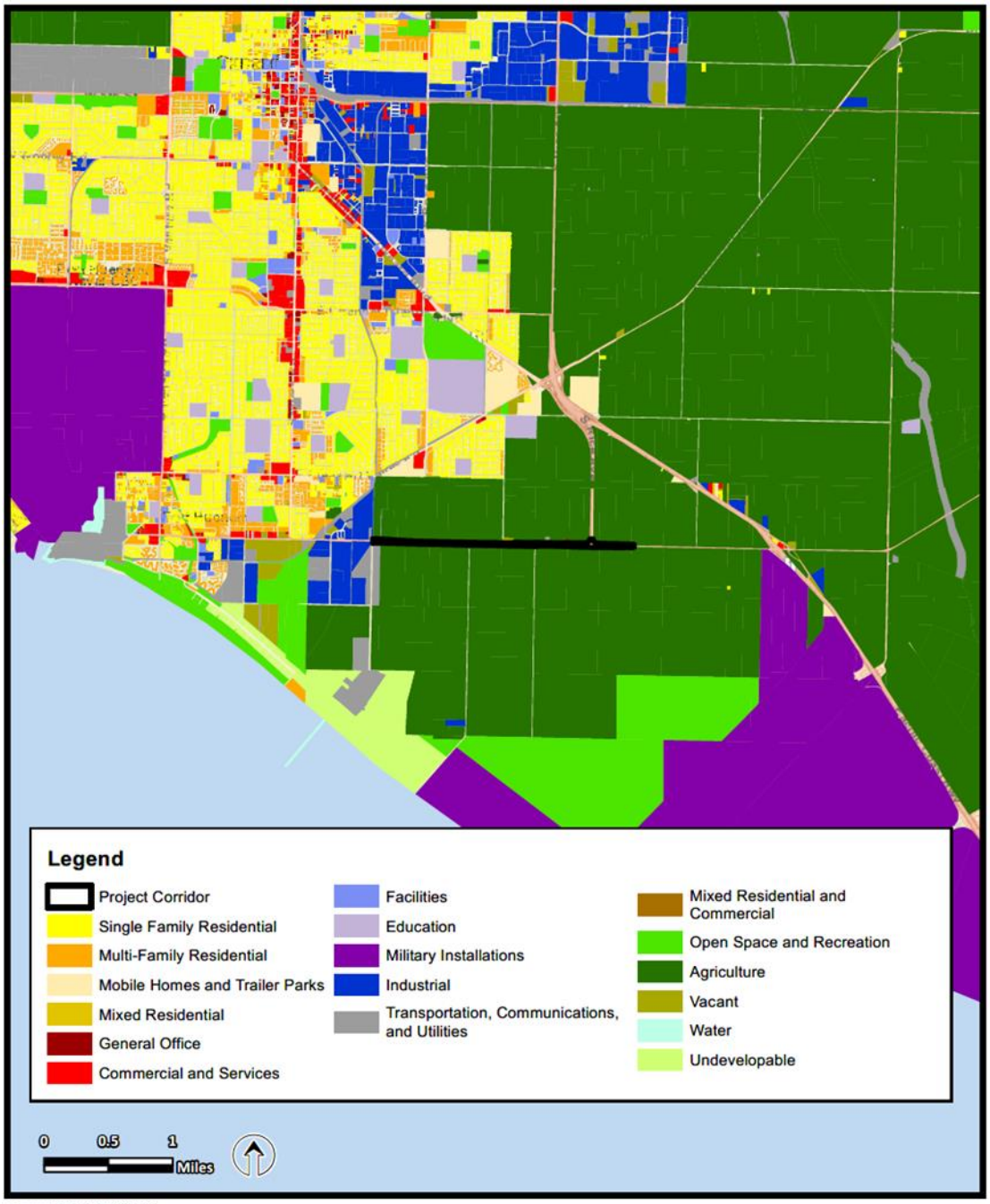


Figure 1-3. Project & Nearby Land Uses



Sources: SCAG 2019; ESRI 2022.

Hueneme Road Widening Project

1.4 Baseline and Forecasted Traffic Conditions

1.4.1 Existing Year 2023/Baseline

Existing (Year 2023) traffic conditions for primarily affected roadway segments are summarized in Table 1-1, while area intersections are summarized in Table 1-2. As noted in Table 1-1, average daily traffic (ADT) volumes on primarily affected roadways range from 1,720 ADT along Edison Drive, south of Hueneme Road, to 15,180 ADT on Hueneme Road, west of Edison Drive. Within the project area, truck percentages are 7.2 percent along Hueneme Road and 6.6 percent along Rice Avenue, north of Hueneme Road. As noted in Table 1-2, existing peak hour level of service (LOS) at signalized area intersections operate at level of service LOS C, or better, and unsignalized area intersections operate at LOS D, or better.

Table 1-1. Summary of Roadway Conditions – Existing Year 2023

Segment	ADT		Truck %	VMT
	Total	Truck		
Edison Drive (South of Hueneme Road)	1,720	124	7.2 %	172
Hueneme Road (Between Edison Drive and Rice Avenue)	15,100	1087	7.2%	25,670
Hueneme Road (East of Rice Avenue)	12,160	876	7.2%	4,864
Hueneme Road (West of Edison Drive)	15,180	1093	7.2%	1,518
Rice Avenue (North of Hueneme Road)	5,430	358	6.6%	543

ADT = average daily traffic VMT = vehicle miles traveled
Source: Kimley Horn 2025

Table 1-2. Intersection LOS Analysis – Existing Year 2023

Intersection	A.M. Peak Hour		P.M. Peak Hour	
Signalized	V/C Ratio	LOS	V/C Ratio	LOS
Hueneme Road and Edison Drive	0.50	A	0.67	B
Hueneme Road and Olds Road	0.50	A	0.66	B
Hueneme Road and Rice Avenue	0.46	A	0.71	C
Unsignalized	Delay	LOS	Delay	LOS
Hueneme Road and Arnold Road	23.4	C	33.1	D
Hueneme Road and Casper Road	19.3	C	30.9	D

V/C = volume to capacity ratio LOS = Level of Service Delay = Average Vehicle Delay (seconds/vehicle)
Source: Kimley Horn 2025

1.4.2 No-Build Alternative

Opening Year 2030 and Design Year 2050 No-Build Alternative roadway traffic volumes are summarized in Table 1-3 for 2030 conditions and Table 1-5 for 2050 conditions. LOS for primarily affected intersections are summarized in Tables 1-4 and 1-6. As indicated in Table 1-3 and Table 1-5, respectively, traffic volumes on area roadways would range from 1,740 to 16,300 ADT under Opening Year 2030 conditions with Design Year 2050 conditions ranging from 1,780 to 16,300 ADT. Under Opening Year 2030 and Design Year 2050 conditions, truck percentages would be 7.2 percent along Hueneme Road and 6.6 percent along Rice Avenue, north of Hueneme Road. Signalized area

intersections would operate at LOS C, or better, and unsignalized intersections would operate at LOS D, or better, for Opening Year 2030 (refer to Table 1-4). Under Design Year 2050 conditions, signalized area intersections would operate at LOS C, or better. Unsignalized intersections would operate at LOS D during the A.M. and P.M. peak hours, with the exception of the Hueneme Road and Casper Road intersection, which is predicted to operate at LOS F during the P.M. peak hour (refer to Table 1-6).

Table 1-3. No-Build Summary of Roadway Conditions – Opening Year 2030

Segment	ADT		Truck %	VMT
	Total	Truck		
Edison Drive (South of Hueneme Road)	1,740	125	7.2%	174
Hueneme Road (Between Edison Drive and Rice Avenue)	15,580	1122	7.2%	26,486
Hueneme Road (East of Rice Avenue)	13,030	938	7.2%	5,212
Hueneme Road (West of Edison Drive)	15,630	1125	7.2%	1,563
Rice Avenue (North of Hueneme Road)	6,600	436	6.6%	660

ADT = average daily traffic VMT = vehicle miles traveled
Note: Opening Year 2030 traffic is considered to be a conservative estimation of year 2027 traffic data (Kimley Horn 2024)
Source: Kimley Horn 2025

Table 1-4. No-Build Intersection LOS Analysis – Opening Year 2030

Intersection	A.M. Peak Hour		P.M. Peak Hour	
Signalized	V/C Ratio	LOS	V/C Ratio	LOS
Hueneme Road and Edison Drive	0.51	A	0.67	B
Hueneme Road and Olds Road	0.51	A	0.67	B
Hueneme Road and Rice Avenue	0.46	A	0.73	C
Unsignalized	Delay	LOS	Delay	LOS
Hueneme Road and Arnold Road	23.8	C	33.1	D
Hueneme Road and Casper Road	20.4	C	34.4	D

V/C = volume to capacity ratio LOS = Level of Service Delay = Average Vehicle Delay (seconds/vehicle)
Note: Opening Year 2030 traffic is considered to be a *conservative* estimation of *year 2027 traffic data (Kimley Horn 2024)*
Source: Kimley Horn 2025

Table 1-5. No-Build Summary of Roadway Conditions – Design Year 2050

Segment	ADT		Truck %	VMT
	Total	Truck		
Edison Drive (South of Hueneme Road)	1,780	128	7.2%	178
Hueneme Road (Between Edison Drive and Rice Avenue)	16,290	1173	7.2%	27,693
Hueneme Road (East of Rice Avenue)	14,380	1035	7.2%	5,752
Hueneme Road (West of Edison Drive)	16,300	1174	7.2%	1,630
Rice Avenue (North of Hueneme Road)	8,730	576	6.6%	873

ADT = average daily traffic VMT = vehicle miles traveled
Source: Kimley Horn 2025

Table 1-6. No-Build Intersection LOS Analysis – Design Year 2050

Intersection	A.M. Peak Hour		P.M. Peak Hour	
Signalized	V/C Ratio	LOS	V/C Ratio	LOS
Hueneme Road and Edison Drive	0.53	A	0.67	B
Hueneme Road and Olds Road	0.53	A	0.69	B
Hueneme Road and Rice Avenue	0.48	A	0.78	C
Unsignalized	Delay	LOS	Delay	LOS
Hueneme Road and Arnold Road	25.1	D	33.3	D
Hueneme Road and Casper Road	23.7	D	54.3	F

V/C = volume to capacity ratio LOS = Level of Service Delay = Average Vehicle Delay (seconds/vehicle)
Source: Kimley Horn 2025

1.4.3 Build Alternative

Opening Year 2030 and Design Year 2050 Build Alternative roadway traffic volumes and LOS for primarily affected intersections are summarized in Tables 1-7, 1-8, 1-9 and 1-10. As indicated in Table 1-7 and Table 1-9, traffic volumes on area roadways would range from 1,740 to 16,050 ADT under Opening Year 2030 conditions and from 1,780 to 16,760 ADT under Design Year 2050 conditions. Truck percentages would be 7.2 percent along Hueneme Road and 6.6 percent along Rice Avenue, north of Hueneme Road. Under Opening Year 2030 conditions, signalized area intersections would operate at LOS C, or better and unsignalized intersections would operate at LOS C (refer to Table 1-8). Under Design Year 2050 conditions, signalized area intersections would operate at LOS C, or better, and unsignalized intersections would operate at LOS D, or better (refer to Table 1-10). The long-term operational impacts on existing traffic conditions relative to the No-Build Alternative and the Build Alternative are summarized in Table 1-11 and Table 1-12, respectively.

Table 1-7. Build Summary of Local Roadway Conditions – Opening Year 2030

Segment	ADT		Truck %	VMT
	Total	Truck		
Edison Drive (South of Hueneme Road)	1,740	125	7.2%	174
Hueneme Road (Between Edison Drive and Rice Avenue)	16,010	1153	7.2%	27,217
Hueneme Road (East of Rice Avenue)	13,250	954	7.2%	5,300
Hueneme Road (West of Edison Drive)	16,050	1156	7.2%	1,605
Rice Avenue (North of Hueneme Road)	6,540	432	6.6%	654

ADT = average daily traffic VMT = vehicle miles traveled
Note: Opening Year 2030 traffic is considered to be a conservative estimation of year 2027 traffic data (Kimley Horn 2024)
Source: Kimley Horn 2025

Table 1-8. Build Intersection LOS Analysis – Opening Year 2030

Intersection	A.M. Peak Hour		P.M. Peak Hour	
Signalized	V/C Ratio	LOS	V/C Ratio	LOS
Hueneme Road and Edison Drive	0.28	A	0.38	A
Hueneme Road and Olds Road	0.30	A	0.71	C
Hueneme Road and Rice Avenue	0.28	A	0.48	A
Unsignalized	Delay	LOS	Delay	LOS
Hueneme Road and Arnold Road	19.9	C	21.4	C
Hueneme Road and Casper Road	17.2	C	20.7	C

V/C = volume to capacity ratio LOS = Level of Service Delay = Average Vehicle Delay (seconds/vehicle)
Note: Opening Year 2030 traffic is considered to be a conservative estimation of year 2027 traffic data (Kimley Horn 2024)
Source: Kimley Horn 2025

Table 1-9. Build Summary of Roadway Conditions – Design Year 2050

Segment	ADT		Truck %	VMT
	Total	Truck		
Edison Drive (South of Hueneme Road)	1,780	128	7.2%	178
Hueneme Road (Between Edison Drive and Rice Avenue)	16,760	1207	7.2%	28,492
Hueneme Road (East of Rice Avenue)	14,620	1053	7.2%	5,848
Hueneme Road (West of Edison Drive)	16,760	1207	7.2%	1,676
Rice Avenue (North of Hueneme Road)	8,680	573	6.6%	868

ADT = average daily traffic VMT = vehicle miles traveled
Source: Kimley Horn 2025

Table 1-10. Build Intersection LOS Analysis – Design Year 2050

Intersection	A.M. Peak Hour		P.M. Peak Hour	
Signalized	V/C Ratio	LOS	V/C Ratio	LOS
Hueneme Road and Edison Drive	0.29	A	0.38	A
Hueneme Road and Olds Road	0.31	A	0.73	C
Hueneme Road and Rice Avenue	0.30	A	0.52	A
Unsignalized	Delay	LOS	Delay	LOS
Hueneme Road and Arnold Road	21.0	C	21.5	C
Hueneme Road and Casper Road	19.7	C	26.9	D

V/C = volume to capacity ratio LOS = Level of Service Delay = Average Vehicle Delay (seconds/vehicle)
Source: Kimley Horn 2025

Table 1-11. Summary of Long-Term Operational Impacts on Traffic Conditions for Existing and Future No-Build Alternatives

Segment	Existing Volumes			Change in Volumes No-Build 2030 Compared to Existing			Change in Volumes No-Build 2050 Compared to Existing		
	ADT		Truck	ADT		Truck	ADT		Truck
	Total	Truck	%	Total	Truck	%	Total	Truck	%
Edison Drive (South of Hueneme Road)	1,720	124	7.2%	20	1	0%	60	4	0%
Hueneme Road (Between Edison Drive and Rice Avenue)	15,100	1,087	7.2%	480	35	0%	1,190	86	0%
Hueneme Road (East of Rice Avenue)	12,160	876	7.2%	870	62	0%	2,220	159	0%
Hueneme Road (West of Edison Drive)	15,180	1,093	7.2%	450	32	0%	1,120	81	0%
Rice Avenue (North of Hueneme Road)	5,430	358	6.6%	1,170	78	0%	3,300	218	0%

ADT = average daily traffic VMT = vehicle miles traveled
Note: Opening Year 2030 traffic is considered to be a conservative estimation of year 2027 traffic data (Kimley Horn 2024)
Source: Kimley Horn 2025

Table 1-12. Summary of Long-Term Operational Impacts on Traffic Conditions for Existing and Future Build Alternatives

Segment	Existing Volumes			Change in Volumes Build 2030 Compared to Existing			Change in Volumes Build 2050 Compared to Existing		
	ADT		Truck	ADT		Truck	ADT		Truck
	Total	Truck	%	Total	Truck	%	Total	Truck	%
Edison Drive (South of Hueneme Road)	1,720	124	7.2%	20	1	0%	60	4	0%
Hueneme Road (Between Edison Drive and Rice Avenue)	15,100	1,087	7.2%	910	66	0%	1,660	120	0%
Hueneme Road (East of Rice Avenue)	12,160	876	7.2%	1,090	78	0%	2,460	177	0%
Hueneme Road (West of Edison Drive)	15,180	1,093	7.2%	870	63	0%	1,580	114	0%
Rice Avenue (North of Hueneme Road)	5,430	358	6.6%	1,110	74	0%	3,250	215	0%

ADT = average daily traffic VMT = vehicle miles traveled
Note: Opening Year 2030 traffic is considered to be a conservative estimation of year 2027 traffic data (Kimley Horn 2024)
Source: Kimley Horn 2025

1.4.4 Comparison of Existing Year 2023/Baseline and Alternatives

In comparison to Existing Year 2023/baseline conditions, No-Build Alternative Opening Year 2030 A.M. peak hour signalized intersections would remain at LOS A and unsignalized intersections would remain at LOS C. P.M. peak hour signalized intersections would remain at LOS C, or better, and unsignalized intersections would remain at LOS D (refer to Table 1-13).

In comparison to the No-Build Alternative, the Build Alternative Opening Year 2030 A.M. peak hour signalized intersections would remain at LOS A and unsignalized intersections would remain at LOS C. Under P.M. peak hour conditions, relative to the No-Build Alternative, the signalized intersections of Hueneme Road and Edison Drive and Hueneme Road and Rice Avenue would improve from LOS B to LOS A, and the intersection of Hueneme Road and Olds Road would change from LOS B to LOS C under future Build Alternative conditions. In comparison to the No-Build Alternative, unsignalized intersections would improve from LOS D to LOS C (refer to Table 1-13).

As demonstrated in Table 1-14, Relative to the No-Build Alternative Opening Year 2030, the Build Alternative Opening Year 2030 roadway ADT volumes on Edison Drive would remain unchanged, ADT volumes on Hueneme Road (between Edison Drive and Rice Avenue) are predicted to increase by approximately 430 vehicles, ADT volumes on Hueneme Road (east of Rice Avenue) are predicted to increase by approximately 220 vehicles, ADT volumes Hueneme Road (west of Edison Drive) are predicted to increase by approximately 420 vehicles, and ADT volumes of Rice Avenue are predicted to decrease by approximately 60 vehicles (refer to Table 1-14).

In comparison to Existing Year 2023/baseline conditions, No-Build Alternative Design Year 2050 A.M. peak hour signalized intersections would remain at LOS A and the unsignalized intersection of Hueneme Road and Arnold Road would deteriorate from LOS C to LOS D. P.M. peak hour signalized intersection would remain at LOS C, or better, the unsignalized intersection of Hueneme Road and Arnold Road would remain at LOS D, and the unsignalized intersection of Hueneme Road and Casper Road would deteriorate from LOS D to LOS F (refer to Table 1-15).

In comparison to the No-Build Alternative, the Build Alternative Design Year 2050 A.M. peak hour signalized intersections would remain at LOS A, the unsignalized intersection of Hueneme Road and Arnold Road would improve to LOS C, and the unsignalized intersection of Hueneme Road and Casper Road would improve to LOS D. Under P.M. peak hour conditions, the signalized intersection of Hueneme Road and Edison Drive would improve from LOS B to LOS A, the intersection of Hueneme Road and Rice Avenue would improve from LOS C to LOS A, and the intersection of Hueneme Road and Olds Road would degrade from LOS B to LOS C under future Build Alternative conditions. Under these same conditions, the unsignalized intersection of Hueneme Road and Arnold Road would improve from LOS D to LOS C, and the unsignalized intersection of Hueneme Road and Casper Road would improve from LOS F to LOS D (refer to Table 1-15).

As demonstrated in Table 1-16, Relative to the No-Build Alternative Design Year 2050, the Build Alternative Design Year 2050 roadway ADT volumes on Edison Drive would remain unchanged, ADT volumes on Hueneme Road (between Edison Drive and Rice Avenue) are predicted to increase by approximately 470 vehicles, ADT volumes on Hueneme Road (east of Rice Avenue) are predicted to

increase by approximately 240 vehicles, ADT volumes Hueneme Road (west of Edison Drive) are predicted to increase by approximately 460 vehicles, and ADT volumes of Rice Avenue are predicted to decrease by approximately 50 vehicles (refer to Table 1-14). A summary for each scenario is presented in Table 1-17.

Table 1-13. Comparison of Intersection Levels of Service – Opening Year 2030

Intersection	A.M. Peak Hour			P.M. Peak Hour		
	Existing	No-Build	Build	Existing	No-Build	Build
Signalized	V/C Ratio / LOS	V/C Ratio / LOS	V/C Ratio / LOS	V/C Ratio / LOS	V/C Ratio / LOS	V/C Ratio / LOS
Hueneme Road and Edison Drive	0.50 / A	0.51 / A	0.28 / A	0.67 / B	0.67 / B	0.38 / A
Hueneme Road and Olds Road	0.50 / A	0.51 / A	0.30 / A	0.66 / B	0.67 / B	0.71 / C
Hueneme Road and Rice Avenue	0.46 / A	0.46 / A	0.28 / A	0.71 / C	0.73 / C	0.48 / A
Unsignalized	Delay / LOS	Delay / LOS	Delay / LOS	Delay / LOS	Delay / LOS	Delay / LOS
Hueneme Road and Arnold Road	23.4 / C	23.8 / C	19.9 / C	33.1 / D	33.1 / D	21.4 / C
Hueneme Road and Casper Road	19.3 / C	20.4 / C	17.2 / C	30.9 / D	34.4 / D	20.7 / C

V/C = volume to capacity ratio Delay expressed in (seconds/vehicle) LOS = Level of Service
Note: Opening Year 2030 traffic is considered to be a conservative estimation of year 2027 traffic data (Kimley Horn 2024)
Source: Kimley Horn 2025

Table 1-14. Comparison of Segment Traffic Average Daily Traffic Volumes – Opening Year 2030

Segment	Average Daily Traffic Volumes (Total Vehicle / Truck / Truck %)		Change in Conditions Build 2030 Compared to (Total Vehicle / Truck / Truck %)	
	No-Build	Build	Existing	No-Build
Edison Drive (South of Hueneme Road)	1,740 / 125 / 7.2%	1,740 / 125 / 7.2%	20 / 1 / 0%	0 / 0 / 0%
Hueneme Road (Between Edison Drive and Rice Avenue)	15,580 / 1122 / 7.2%	16,010 / 1153 / 7.2%	910 / 66 / 0%	430 / 31 / 0%
Hueneme Road (East of Rice Avenue)	13,030 / 938 / 7.2%	13,250 / 954 / 7.2%	1090 / 78 / 0%	220 / 16 / 0%
Hueneme Road (West of Edison Drive)	15,630 / 1125 / 7.2%	16,050 / 1156 / 7.2%	870 / 63 / 0%	420 / 31 / 0%
Rice Avenue (North of Hueneme Road)	6,600 / 436 / 6.6%	6,540 / 432 / 6.6%	1110 / 74 / 0%	-60 / -4 / 0%

Note: Opening Year 2030 traffic is considered to be a conservative estimation of year 2027 traffic data (Kimley Horn 2024)
Source: Kimley Horn 2025

Table 1-15. Comparison of Intersection Levels of Service – Design Year 2050

Intersection	A.M. Peak Hour			P.M. Peak Hour		
	Existing	No-Build	Build	Existing	No-Build	Build
Signalized	V/C Ratio / LOS	V/C Ratio / LOS	V/C Ratio / LOS	V/C Ratio / LOS	V/C Ratio / LOS	V/C Ratio / LOS
Hueneme Road and Edison Drive	0.50 / A	0.53 / A	0.29 / A	0.67 / B	0.67 / B	0.38 / A
Hueneme Road and Olds Road	0.50 / A	0.53 / A	0.31 / A	0.66 / B	0.69 / B	0.73 / C
Hueneme Road and Rice Avenue	0.46 / A	0.48 / A	0.30 / A	0.71 / C	0.78 / C	0.52 / A
Unsignalized	Delay / LOS	Delay / LOS	Delay / LOS	Delay / LOS	Delay / LOS	Delay / LOS
Hueneme Road and Arnold Road	23.4 / C	25.1 / D	21.0 / C	33.1 / D	33.3 / D	21.5 / C
Hueneme Road and Casper Road	19.3 / C	23.7 / C	19.7 / C	30.9 / D	54.3 / F	26.9 / D

V/C = volume to capacity ratio Delay expressed in (seconds/vehicle) LOS = Level of Service
Source: Kimley Horn 2025

Table 1-16. Comparison of Segment Traffic Average Daily Traffic Volumes – Design Year 2050

Segment	Average Daily Traffic Volumes (Total Vehicle/Truck/Truck %)		Change in Conditions Build 2050 Compared to (Total Vehicle/Truck/Truck %)	
	No-Build	Build	Existing	No-Build
Edison Drive (South of Hueneme Road)	1,780 / 128 / 7.2%	1,780 / 128 / 7.2%	60 / 4 / 0%	0 / 0 / 0%
Hueneme Road (Between Edison Drive and Rice Avenue)	16,290 / 1173 / 7.2%	16,760 / 1207 / 7.2%	1,660 / 120 / 0%	470 / 34 / 0%
Hueneme Road (East of Rice Avenue)	14,380 / 1035 / 7.2%	14,620 / 1053 / 7.2%	2,460 / 177 / 0%	240 / 18 / 0%
Hueneme Road (West of Edison Drive)	16,300 / 1174 / 7.2%	16,760 / 1207 / 7.2%	1,580 / 114 / 0%	460 / 33 / 0%
Rice Avenue (North of Hueneme Road)	8,730 / 576 / 6.6%	8,680 / 573 / 6.6%	3,250 / 215 / 0%	-50 / -3 / 0%

Source: Kimley Horn 2025

Table 1-17. Summary of Existing, No-Build Alternative, and Build Alternative Traffic Conditions

Scenario/ Analysis Year	Design Features and Operational Impacts on Traffic Conditions
Existing Year 2023/Baseline	Traffic volumes on area roadways range from 1,720 to 15,180 ADT. Truck percentages are 7.2 percent of the total volume along Hueneme Road and 6.6 percent on Rice Avenue, north of Hueneme Road. Existing signalized intersection operations are LOS A to C for all peak hours. Existing unsignalized intersections operate at LOS D, or better, for all peak hours.
No-Build Alternative Opening Year 2030	Traffic volumes on area roadways would range from 1,740 to 15,630 ADT. Truck percentages would be 7.2 percent of the total volume along Hueneme Road and 6.6 percent on Rice Avenue, north of Hueneme Road. Signalized area intersections would operate at LOS C, or better, during peak hours. Unsignalized area intersections would operate at LOS D, or better, for all peak hours.
Build Alternative Opening Year 2030	Traffic volumes on area roadways would range from 1,740 to 16,050 ADT. Truck percentages would be 7.2 percent of the total volume along Hueneme Road and 6.6 percent on Rice Avenue, north of Hueneme Road. Signalized area intersections would operate at LOS C, or better, during peak hours. Unsignalized area intersections would operate at LOS C, or better, during peak hours.
No-Build Alternative Design Year 2050	Traffic volumes on area roadways would range from 1,780 to 16,300 ADT. Truck percentages would be 7.2 percent of the total volume along Hueneme Road and 6.6 percent on Rice Avenue, north of Hueneme Road. Signalized area intersections would operate at LOS C, or better, during peak hours. Unsignalized area intersections would operate at LOS D, or better, during peak hours except the Hueneme Road and Casper Road intersection which would operate at LOS F during the P.M. peak hour.
Build Alternative Design Year 2050	Traffic volumes on area roadways would range from 1,780 to 16,760 ADT. Truck percentages would be 7.2 percent of the total volumes along Hueneme Road and 6.6 percent on Rice Avenue, north of Hueneme Road. Signalized area intersections would operate at LOS C, or better, during peak hours. Unsignalized area intersections would operate at LOS C, or better, during peak hours except the Hueneme Road and Casper Road intersection which would operate at LOS D during the P.M. peak hour.

1.5 Construction Activities and Schedule

The project engineer estimates the length of project construction to be approximately 12 months. Table 1-18 presents the estimated construction schedule. No construction activities are anticipated to last more than five years at any individual site. Emissions from construction-related activities are thus considered temporary as defined in 40 Code of Federal Regulations (CFR) 93.123 C (5) and are not required to be included in PM hot-spot analyses to meet conformity requirements.

Table 1-18. Construction Phases and Schedule

Phase	Phase Duration (months)	Phase Start Date
Grubbing/Land Clearing	1.8	6/4/2030
Grading/Excavation	7.2	7/10/2030
Drainage/Utilities/Sub-Grade	6.3	1/10/2031
Paving	2.7	4/12/2031

Note: Construction phases and durations are approximate.

2. Regulatory Setting

Many statutes, regulations, plans, and policies have been adopted at the federal, state, and local levels to address air quality issues related to transportation and other sources. The proposed project is subject to air quality regulations at each of these levels. This section introduces the pollutants governed by these regulations and describes the regulations and policies that are relevant to the project.

2.1 Pollutant-Specific Overview

Air pollutants are governed by multiple federal and state standards to regulate and mitigate health impacts. At the federal level, there are six criteria pollutants for which National Ambient Air Quality Standards (NAAQS) have been established: carbon monoxide (CO), lead (Pb), nitrogen dioxide (NO_2), ozone (O_3), particulate matter (PM), and sulfur dioxide (SO_2). The United States Environmental Protection Agency (U.S. EPA) has also identified nine priority mobile source air toxics (MSATs): 1,3-butadiene, acetaldehyde, acrolein, benzene, diesel particulate matter (DPM), ethylbenzene, formaldehyde, naphthalene, and polycyclic organic matter (https://www.fhwa.dot.gov/environment/air_quality/air_toxics/policy_and_guidance/msat/). In California, sulfates, visibility reducing particles, hydrogen sulfide (H_2S), and vinyl chloride are also regulated.

2.1.1 Criteria Pollutants

The FCAA requires the U.S. EPA to set NAAQS for six criteria air contaminants: O_3, PM, CO, NO_2, Pb, and SO_2. It also permits states to adopt additional or more protective air quality standards if needed. California has set standards for certain pollutants. Table 2-1 documents the current state and federal air quality standards while Table 2-2 summarizes the sources and health effects of the six criteria pollutants and pollutants regulated in the state of California.

Table 2-1. Table of State and Federal Ambient Air Quality Standards

Ambient Air Quality Standards						
Pollutant	Averaging Time	California Standards [1]		National Standards [2]		
		Concentration [3]	Method [4]	Primary [3,5]	Secondary [3,6]	Method [7]
Ozone (O_3)[8]	1 Hour	0.09 ppm (180 µg/m^3)	Ultraviolet Photometry	—	Same as Primary Standard	Ultraviolet Photometry
	8 Hour	0.070 ppm (137 µg/m^3)		0.070 ppm (137 µg/m^3)		
Respirable Particulate Matter (PM10)[9]	24 Hour	50 µg/m^3	Gravimetric or Beta Attenuation	150 µg/m^3	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m^3		—		
Fine Particulate Matter (PM2.5)[9]	24 Hour	—	—	35 µg/m^3	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m^3	Gravimetric or Beta Attenuation	9.0 µg/m^3	15.0 µg/m^3	
Carbon Monoxide (CO)	1 Hour	20 ppm (23 mg/m^3)	Non-Dispersive Infrared Photometry (NDIR)	35 ppm (40 mg/m^3)	—	Non-Dispersive Infrared Photometry (NDIR)
	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)		—	—	
Nitrogen Dioxide (NO_2)[10]	1 Hour	0.18 ppm (339 µg/m^3)	Gas Phase Chemiluminescence	100 ppb (188 µg/m^3)	—	Gas Phase Chemiluminescence
	Annual Arithmetic Mean	0.030 ppm (57 µg/m^3)		53 ppb (100 µg/m^3)	Same as Primary Standard	
Sulfur Dioxide (SO_2)[11]	1 Hour	0.25 ppm (655 µg/m^3)	Ultraviolet Fluorescence	75 ppb (196 µg/m^3)	—	Ultraviolet Flourescence; Spectrophotometry (Pararosaniline Method)
	3 Hour	—		—	0.5 ppm (1300 µg/m^3)	
	24 Hour	0.04 ppm (105 µg/m^3)		0.14 ppm (for certain areas)[11]	—	
	Annual Arithmetic Mean	—		0.030 ppm (for certain areas)[11]	—	
Lead[12,13]	30 Day Average	1.5 µg/m^3	Atomic Absorption	—	—	High Volume Sampler and Atomic Absorption
	Calendar Quarter	—		1.5 µg/m^3 (for certain areas)[12]	Same as Primary Standard	
	Rolling 3-Month Average	—		0.15 µg/m^3		
Visibility Reducing Particles[14]	8 Hour	See footnote 14	Beta Attenuation and Transmittance through Filter Tape	No National Standards		
Sulfates	24 Hour	25 µg/m^3	Ion Chromatography			
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m^3)	Ultraviolet Fluorescence			
Vinyl Chloride[12]	24 Hour	0.01 ppm (26 µg/m^3)	Gas Chromatography			

See footnotes on next page …

For more information please call ARB-PIO at (916) 322-2990 **California Air Resources Board (7/16/24)**

1. California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1 and 24 hour), nitrogen dioxide, and particulate matter (PM10, PM2.5, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

2. National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM10, the 24 hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 $\mu g/m^3$ is equal to or less than one. For PM2.5, the 24 hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact the U.S. EPA for further clarification and current national policies.

3. Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

4. Any equivalent measurement method which can be shown to the satisfaction of the ARB to give equivalent results at or near the level of the air quality standard may be used.

5. National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.

6. National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

7. Reference method as described by the U.S. EPA. An "equivalent method" of measurement may be used but must have a "consistent relationship to the reference method" and must be approved by the U.S. EPA.

8. On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.

9. On February 7, 2024, the national annual PM2.5 primary standard was lowered from 12.0 $\mu g/m^3$ to 9.0 $\mu g/m^3$. The existing national 24-hour PM2.5 standards (primary and secondary) were retained at 35 $\mu g/m^3$, as was the annual secondary standard of 15.0 $\mu g/m^3$. The existing 24-hour PM10 standards (primary and secondary) of 150 $\mu g/m^3$ also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.

10. To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 ppb. Note that the national 1-hour standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the national 1-hour standard to the California standards the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

11. On June 2, 2010, a new 1-hour SO_2 standard was established and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO_2 national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.
Note that the 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.

12. The ARB has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

13. The national standard for lead was revised on October 15, 2008 to a rolling 3-month average. The 1978 lead standard (1.5 $\mu g/m^3$ as a quarterly average) remains in effect until one year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

14. In 1989, the ARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

For more information please call ARB-PIO at (916) 322-2990 **California Air Resources Board (7/16/24)**

Table 2-2. State and Federal Criteria Air Pollutant Effects and Sources

Pollutant	Principal Health and Atmospheric Effects	Typical Sources
Ozone (O_3)	High concentrations irritate lungs. Long-term exposure may cause lung tissue damage and cancer. Long-term exposure damages plant materials and reduces crop productivity. Precursor organic compounds include many known toxic air contaminants. Biogenic VOC may also contribute.	Low-altitude ozone is almost entirely formed from reactive organic gases/volatile organic compounds (ROG or VOC) and nitrogen oxides (NO_X) in the presence of sunlight and heat. Common precursor emitters include motor vehicles and other internal combustion engines, solvent evaporation, boilers, furnaces, and industrial processes.
Respirable Particulate Matter (PM_{10})	Irritates eyes and respiratory tract. Decreases lung capacity. Associated with increased cancer and mortality. Contributes to haze and reduced visibility. Includes some toxic air contaminants. Many toxic and other aerosol and solid compounds are part of PM_{10}.	Dust- and fume-producing industrial and agricultural operations; combustion smoke & vehicle exhaust; atmospheric chemical reactions; construction and other dust-producing activities; unpaved road dust and re-entrained paved road dust; natural sources.
Fine Particulate Matter ($PM_{2.5}$)	Increases respiratory disease, lung damage, cancer, and premature death. Reduces visibility and produces surface soiling. Most diesel exhaust particulate matter – a toxic air contaminant – is in the $PM_{2.5}$ size range. Many toxic and other aerosol and solid compounds are part of $PM_{2.5}$.	Combustion including motor vehicles, other mobile sources, and industrial activities; residential and agricultural burning; also formed through atmospheric chemical and photochemical reactions involving other pollutants including NO_X, sulfur oxides (SO_X), ammonia, and ROG.
Carbon Monoxide (CO)	CO interferes with the transfer of oxygen to the blood and deprives sensitive tissues of oxygen. CO also is a minor precursor for photochemical ozone. Colorless, odorless.	Combustion sources, especially gasoline-powered engines and motor vehicles. CO is the traditional signature pollutant for on-road mobile sources at the local and neighborhood scale.
Nitrogen Dioxide (NO_2)	Irritating to eyes and respiratory tract. Colors atmosphere reddish-brown. Contributes to acid rain & nitrate contamination of stormwater. Part of the "NO_X" group of ozone precursors.	Motor vehicles and other mobile or portable engines, especially diesel; refineries; industrial operations.
Sulfur Dioxide (SO_2)	Irritates respiratory tract; injures lung tissue. Can yellow plant leaves. Destructive to marble, iron, steel. Contributes to acid rain. Limits visibility.	Fuel combustion (especially coal and high-sulfur oil), chemical plants, sulfur recovery plants, metal processing; some natural sources like active volcanoes. Limited contribution possible from heavy-duty diesel vehicles if ultra-low sulfur fuel not used.
Lead (Pb)	Disturbs the gastrointestinal system. Causes anemia, kidney disease, and neuromuscular and neurological dysfunction. Also, a toxic air contaminant and water pollutant.	Lead-based industrial processes like battery production and smelters. Lead paint, leaded gasoline. Aerially deposited lead from older gasoline use may exist in soils along major roads.
Visibility-Reducing Particles (VRP)	Reduces visibility. Produces haze. NOTE: not directly related to the Regional Haze program under the Federal Clean Air Act (FCAA), which is oriented primarily toward visibility issues in National Parks and other "Class I" areas. However, some issues and measurement methods are similar.	See particulate matter above. May be related more to aerosols than to solid particles.
Sulfate	Premature mortality and respiratory effects. Contributes to acid rain. Some toxic air contaminants attach to sulfate aerosol particles.	Industrial processes, refineries and oil fields, mines, natural sources like volcanic areas, salt-covered dry lakes, and large sulfide rock areas.
Hydrogen Sulfide (H_2S)	Colorless, flammable, poisonous. Respiratory irritant. Neurological damage and premature death. Headache, nausea. Strong odor.	Industrial processes such as refineries and oil fields, asphalt plants, livestock operations, sewage treatment plants, and mines. Some natural sources like volcanic areas and hot springs.
Vinyl Chloride	Neurological effects, liver damage, cancer. Also considered a toxic air contaminant.	Industrial processes.

2.1.2 Mobile Source Air Toxics

Controlling air toxic emissions became a national priority with the passage of the Clean Air Act Amendments (CAAA) of 1990, whereby Congress mandated that the U.S. EPA regulate 188 air toxics, also known as hazardous air pollutants. The U.S. EPA has assessed this expansive list in its rule on the Control of Hazardous Air Pollutants from Mobile Sources (Federal Register, Vol. 72, No. 37, page 8430, February 26, 2007), and identified a group of 93 compounds emitted from mobile sources that are part of U.S. EPA's Integrated Risk Information System (IRIS) (https://www.epa.gov/iris). In addition, the U.S. EPA identified nine compounds with significant contributions from mobile sources that are among the national and regional-scale cancer risk drivers or contributors and non-hazard contributors from the 2011 National Air Toxics Assessment (https://www.epa.gov/national-air-toxics-assessment). These are 1,3-butadiene, acetaldehyde, acrolein, benzene, DPM, ethylbenzene, formaldehyde, naphthalene, and polycyclic organic matter. While the Federal Highway Administration (FHWA) considers these the priority mobile source air toxics, the list is subject to change and may be adjusted in consideration of future U.S. EPA rules.

The 2007 U.S. EPA rule mentioned above requires controls that will dramatically decrease MSAT emissions through cleaner fuels and cleaner engines. According to an FHWA analysis using U.S. EPA's MOVES2014a model, even if vehicle activity (vehicle-miles traveled, VMT) increases by 31 percent from 2020 to 2060 as forecast, a combined reduction of 76 percent in the total annual emission rate for the priority MSATs is projected for the same time period, as shown in Figure 2-1 (FHWA 2023).

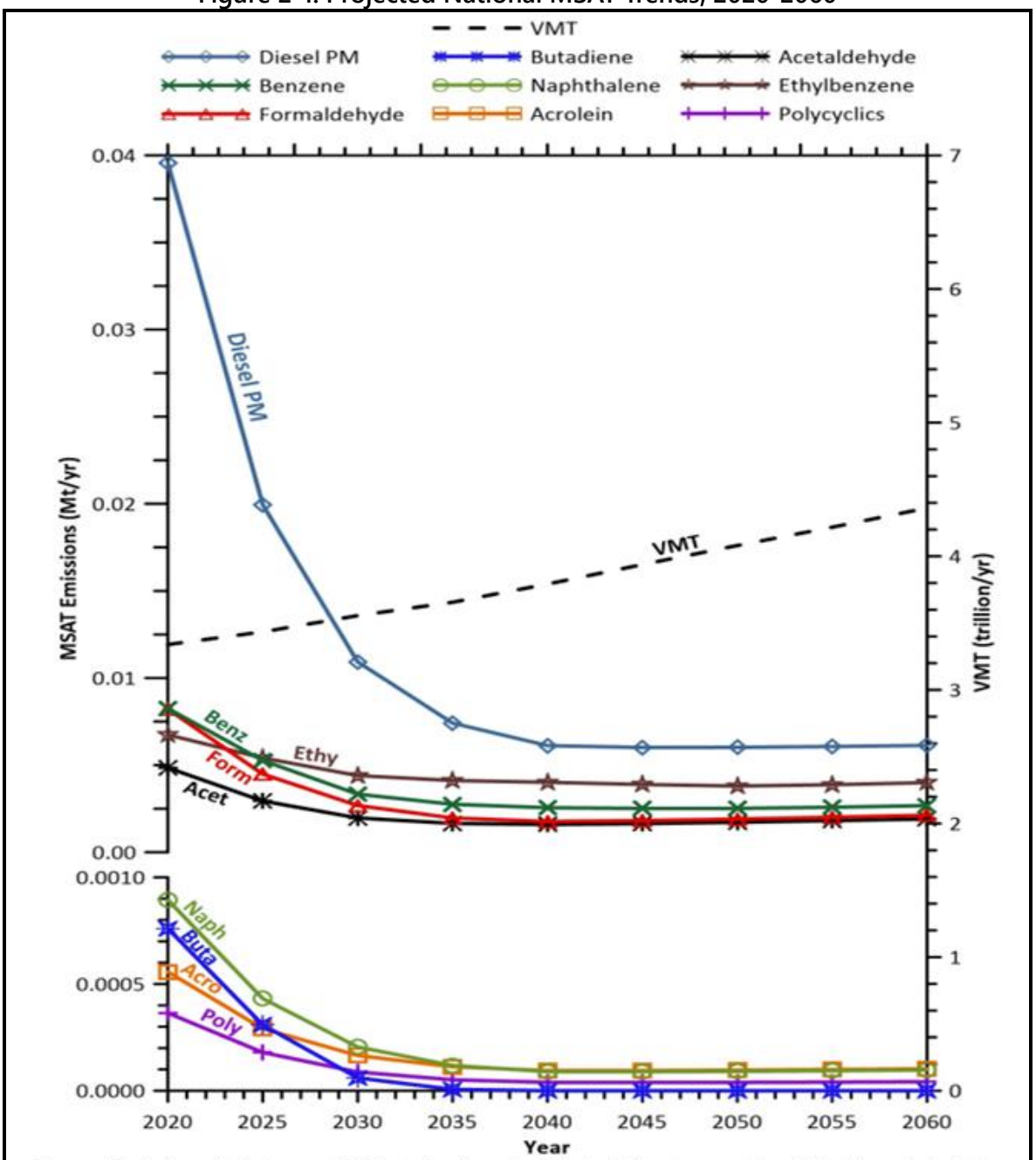
2.1.3 Greenhouse Gases and Climate Change

The term greenhouse gas (GHG) is used to describe atmospheric gases that absorb solar radiation and subsequently emit radiation in the thermal infrared region of the energy spectrum, trapping heat in the Earth's atmosphere. These gases include carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), and water vapor, among others. A growing body of research attributes long-term changes in temperature, precipitation, and other elements of Earth's climate to large increases in GHG emissions since the mid-nineteenth century, particularly from human activity related to fossil fuel combustion. Anthropogenic GHG emissions of particular interest include CO_2, CH_4, N_2O, and fluorinated gases.

GHGs differ in how much heat each gas traps in the atmosphere (global warming potential, GWP). CO_2 is the most important GHG, so amounts of other gases are expressed relative to CO_2, using a metric called "carbon dioxide equivalent" (CO_2e). The GWP of CO_2 is assigned a value of 1, and the warming potential of other gases is assessed as multiples of CO_2. For example, the 2007 Intergoverenmental Panel on Climate Change *Fourth Assessment Report* calculates the GWP of CH_4 as 25 and the GWP of N_2O as 298, over a 100-year time horizon.[1] Generally, estimates of all GHGs are

[1] See Table 2.14 in IPCC Fourth Assessment Report: Climate Change 2007 (AR4): The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change [Solomon, S., D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor and H.L. Miller (eds.)]. Cambridge University Press, Cambridge, United Kingdom, and New York, NY, USA. http://www.ipcc.ch/pdf/assessment-report/ar4/wg1/ar4-wg1-chapter2.pdf.

Figure 2-1. Projected National MSAT Trends, 2020-2060



Source: FHWA 2023

summed to obtain total emissions for a project or given time period, usually expressed in metric tons carbon dioxide equivalent ($MTCO_2e$), or million metric tons carbon dioxide equivalent ($MMTCO_2e$).[2]

[2] See http://www.airquality.org/Businesses/CEQA-Land-Use-Planning/CEQA-Guidance-Tools.

As evidence has mounted for the relationship of climate changes to rising GHGs, federal and state governments have established numerous policies and goals targeted to improving energy efficiency and fuel economy and reducing GHG emissions. Nationally, electricity generation is the largest source of GHG emissions, followed by transportation. In California, however, transportation is the largest contributor to GHGs.[3] [4]

California has enacted aggressive GHG reduction targets, starting with Assembly Bill (AB) 32, the California Global Warming Solutions Act of 2006. AB 32 is California's signature climate change legislation. It set the goal of reducing statewide GHG emissions to 1990 levels by 2020 and required the California Air Resources Board (ARB) to develop a Scoping Plan that describes the approach California will take to achieve that goal and to update it every five years. In 2015, Governor Jerry Brown enhanced the overall adaptation planning effort with Executive Order (EO) B-30-15, establishing an interim GHG reduction goal of 40 percent below 1990 levels by 2030, and requiring state agencies to factor climate change into all planning and investment decisions.

Senate Bill (SB) 375, the Sustainable Communities and Climate Protection Act of 2008, furthered state climate action goals by mandating coordinated transportation and land use planning through preparation of SCS. The ARB sets GHG emissions reduction targets for passenger vehicles for each region. Each regional metropolitan planning organization (MPO) must include in its RTP and SCS proposing actions toward achieving the regional emissions reduction targets.[5]

With these and other State Senate and ABs and EOs, California advances an innovative and proactive approach to dealing with GHG emissions and climate change.

2.1.4 Asbestos

Asbestos is a term used for several types of naturally occurring fibrous minerals that are a human health hazard when airborne. The most common type of asbestos is chrysotile, but other types such as tremolite and actinolite are also found in California. Asbestos is classified as a known human carcinogen by state, federal, and international agencies and was identified as a toxic air contaminant (TAC) by the ARB in 1986. All types of asbestos are hazardous and may cause lung disease and cancer.

Asbestos can be released from serpentine and ultramafic rocks when the rock is broken or crushed. At the point of release, the asbestos fibers may become airborne, causing air quality and human health hazards. These rocks have been commonly used for unpaved gravel roads, landscaping, fill projects, and other improvement projects in some localities. Asbestos may be released into the atmosphere due to vehicular traffic on unpaved roads, during grading for development projects, and

[3] https://www.epa.gov/ghgemissions/sources-greenhouse-gas-emissions#:~:text=The%20largest%20source%20of%20greenhouse,electricity%2C%20heat%2C%20and%20transportation
[4] https://calepa.ca.gov/climate-dashboard/#:~:text=What%20is%20driving%20climate%20change,trends%20in%20greenhouse%20gas%20emissions.&text=This%20pie%20chart%20shows%20California's,tons%20of%20carbon%20dioxide%20equivalent.
[5] https://www.arb.ca.gov/cc/sb375/sb375.htm

at quarry operations. All these activities may have the effect of releasing potentially harmful asbestos into the air. Natural weathering and erosion processes can act on asbestos-bearing rocks and make it easier for asbestos fibers to become airborne if such rocks are disturbed.

Serpentine may contain chrysotile asbestos, especially near fault zones. Ultramafic rock, a rock closely related to serpentinite, may also contain asbestos minerals. Asbestos can also be associated with other rock types in California, though much less frequently than serpentinite and/or ultramafic rock. Serpentinite and/or ultramafic rock are known to be present in 44 of California's 58 counties. These rocks are particularly abundant in counties of the Sierra Nevada foothills, the Klamath Mountains, and Coast Ranges. The California Department of Conservation, Division of Mines and Geology has developed a map showing the general location of ultramafic rock in the state (https://ww2.arb.ca.gov/sites/default/files/classic/toxics/asbestos/ofr_2000-019.pdf).

2.2 Regulations

2.2.1 Federal and California Clean Air Act

The Federal Clean Air Act (FCAA), as amended, is the primary federal law that governs air quality while the California Clean Air Act (CCAA) is its companion state law. These laws and related regulations by the U.S. EPA and the ARB set standards for the concentration of pollutants in the air. At the federal level, these standards are called NAAQS. NAAQS and state ambient air quality standards have been established for six transportation-related criteria pollutants that have been linked to potential health concerns: CO, NO_2, O_3, PM, which is broken down for regulatory purposes into particles of 10 micrometers or smaller (PM_{10}) and particles of 2.5 micrometers and smaller ($PM_{2.5}$), and SO_2. In addition, national and state standards exist for Pb, and state standards exist for visibility reducing particles, sulfates, H_2S, and vinyl chloride. The NAAQS and state standards are set at levels that protect public health with a margin of safety and are subject to periodic review and revision. Both state and federal regulatory schemes also cover toxic air contaminants (air toxics); some criteria pollutants are also air toxics or may include certain air toxics in their general definition.

2.2.2 Transportation Conformity

The conformity requirement is based on FCAA section 176(c), which prohibits the U.S. Department of Transportation (USDOT) and other federal agencies from funding, authorizing, or approving plans, programs, or projects that do not conform to State Implementation Plan (SIP) for attaining the NAAQS. "Transportation Conformity" applies to highway and transit projects and takes place on two levels: the regional or, planning and programming level and the project level. The project must conform to both levels to be approved.

Conformity requirements apply only in nonattainment and "maintenance" (former nonattainment) areas for the NAAQS, and only for the specific NAAQS that are or were violated. The U.S. EPA regulations at 40 CFR 93 govern the conformity process. Conformity requirements do not apply in

unclassifiable/attainment areas for NAAQS and do not apply at all for state standards regardless of the status of the area.

Regional conformity is concerned with how well the regional transportation system supports plans for attaining the NAAQS for CO, NO_2, O_3, PM_{10}, and $PM_{2.5}$, and in some areas (although not in California), SO_2. California has attainment or maintenance areas for all these transportation-related "criteria pollutants" except SO_2, and has a nonattainment area for Pb; however, lead is not currently required by the FCAA to be covered in transportation conformity analysis. Regional conformity is based on emission analysis of RTPs and FTIPs that include all transportation projects planned for a region over a period of at least 20 years (for the RTP), and four years (for the FTIP). RTP and FTIP conformity use travel demand and emission models to determine whether the implementation of those projects would conform to emission budgets or other tests at various analysis years showing that requirements of the FCAA and the SIP are met. If the conformity analysis is successful, the MPO, FHWA, and Federal Transit Administration (FTA) make the determinations that the RTP and FTIP are in conformity with the SIP for achieving the goals of the FCAA. Otherwise, the projects in the RTP and/or FTIP must be modified until conformity is attained. If the design concept, scope, and "open-to-traffic" schedule of a proposed transportation project is the same as described in the RTP and the TIP, then the project meets regional conformity requirements for purposes of project-level analysis.

Project-level conformity is achieved by demonstrating that the project comes from a conforming RTP and TIP and the project has a design concept and scope[6] that has not changed significantly from those in the RTP and TIP. If the design concept and scope have changed substantially from that used in the RTP Conformity analysis, RTP and TIP amendments may be needed. Project-level conformity also needs to demonstrate that project analyses have used the latest planning assumptions and U.S. EPA-approved emissions models; the project complies with any control measures in the SIP in PM areas. Furthermore, additional analyses (known as hot-spot analyses) may be required for projects located in CO and PM nonattainment or maintenance areas to examine localized air quality impacts.

2.2.3 National Environmental Policy Act

NEPA requires that policies and regulations administered by the federal government are consistent with its environmental protection goals. NEPA also requires that federal agencies use an interdisciplinary approach to planning and decision-making for any actions that could impact the environment. It requires an environmental review of federal actions including the creation of Environmental Documents that describe the environmental effects of a project and its alternatives (including a section on air quality impacts).

[6] "Design concept" means the type of facility that is proposed, such as a freeway or arterial highway. "Design scope" refers to those aspects of the project that would clearly affect capacity and thus any regional emissions analysis, such as the number of lanes and the length of the project.

2.2.4 California Environmental Quality Act

CEQA[7] is a statute that requires state and local agencies to identify the significant environmental impacts of their actions and to avoid or mitigate those impacts, if feasible. CEQA documents address CCAA requirements for transportation projects. While state standards are often more strict than federal standards, the state has no conformity process.

2.2.5 Local

The U.S. EPA has delegated responsibility to air districts to establish local rules to protect air quality. The project would comply with all applicable VCAPCD rules and regulations including, but not limited to, Rule 55 for the control of fugitive dust, Rule 62.7 for the control of asbestos-containing material (ACM), and Rule 74.4, which prohibits the use of cutback asphalt.

[7] For general information about CEQA, see: http://resources.ca.gov/ceqa/more/faq.html.

3. Affected Environment

The topography of a region can substantially impact airflow and the resulting pollutant concentrations. California is divided into 15 air basins with similar topography and meteorology to better manage air quality throughout the state. Each air basin has a local air district that is responsible for identifying and implementing air quality strategies to comply with ambient air quality standards.

The project site is located in the County, which is within the South Central Coast Air Basin (SCCAB) and in the jurisdiction of VCAPCD. The SCCAB consists of an approximately 9,613-square mile area bound by the Pacific Ocean to the west and the Topatopa, Sierra Madre, Santa Ynez, and Santa Lucia Mountains to the north and east. The Basin includes all of the County as well as Santa Barbara, and San Luis Obispo Counties. The Basin's terrain and geographical location (i.e., a coastal plain with connecting broad valleys and low hills) contribute to its distinctive climate. Primary factors known to influence air quality within the SCCAB include topography and meteorology, which can affect pollutant transport and dispersion from sources located within and outside of the SCCAB. These air quality-related issues are discussed in more detail, as follows:

3.1 Regional Meteorology & Climate

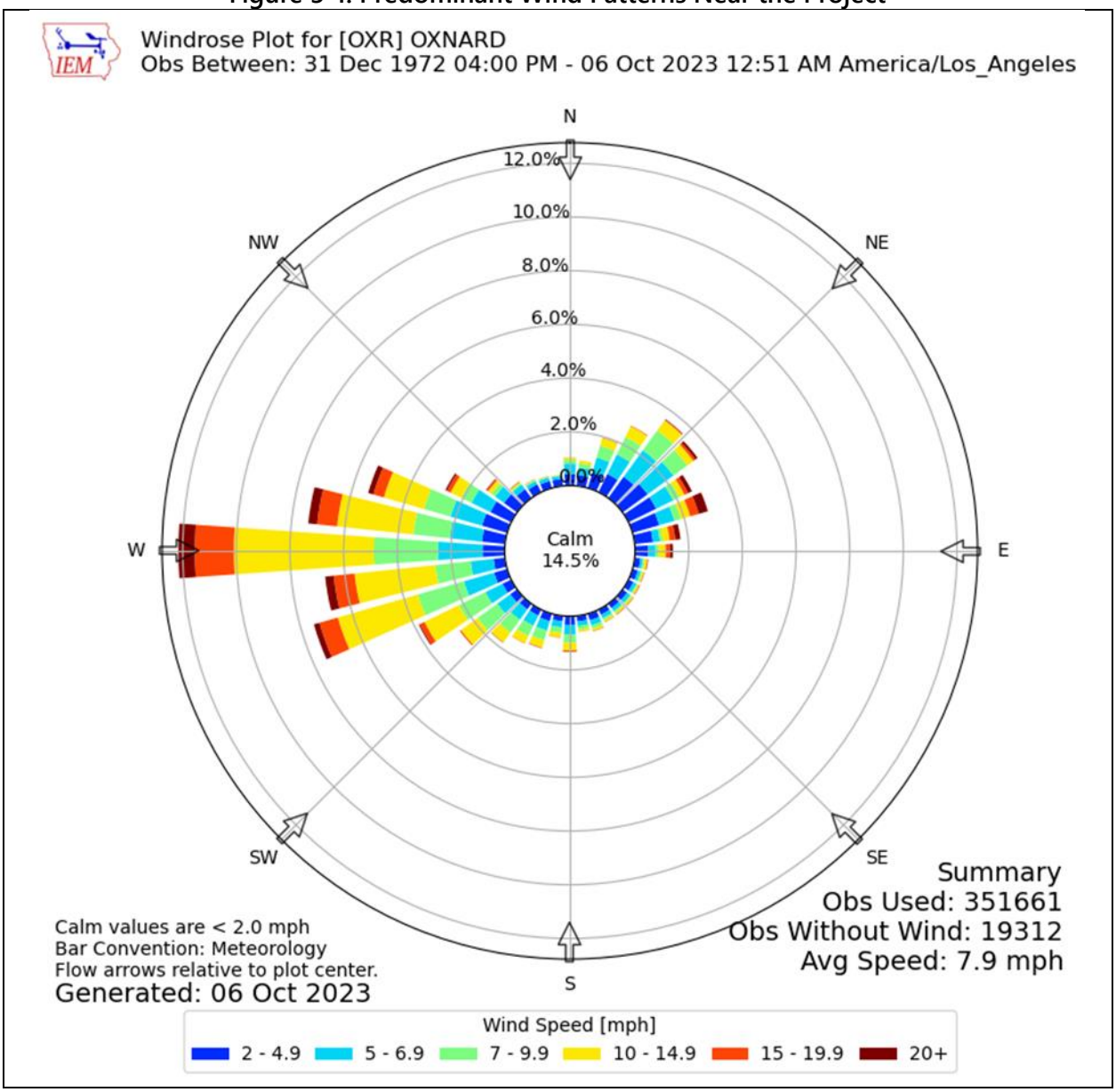
Average wind speeds in the Basin are light and primarily from the west. Mild sea breezes slowly carry pollutants inland. In the general vicinity of the project site, historical wind flow is predominantly from the west with an average annual wind speed of approximately eight miles per hour (mph). A wind rose depicting historical wind flows from December 1972 to October 2023 is depicted in Figure 3-1.

The annual average temperature varies little throughout the SCCAB averaging approximately 62 degrees Fahrenheit (°F). Based on historical data collected from the Oxnard (COOP 046569) meteorology station, average temperatures range from a January low of approximately 43.5 °F to a September high of approximately 74.7 °F (WRCC 2024).

3.1.1 Temperature Inversions

Under normal meteorological conditions, the temperature of the atmosphere decreases with increased altitude. However, when the temperature of the atmosphere increases with altitude, the phenomenon is termed an inversion. These inversions can restrict the vertical mixing of air and pollutants, which can contribute to increased ground-level pollutant concentrations.

Figure 3-1. Predominant Wind Patterns Near the Project



Source: ISU 2024

The air above the County often exhibits weak vertical and horizontal dispersion characteristics, which limit the dispersion of emissions and cause increased ambient air pollutant levels. Persistent temperature inversions prevent vertical dispersion. The inversions act as a "ceiling" that prevents pollutants from rising and dispersing. Mountain ranges act as "walls" that inhibit horizontal dispersion of air pollutants (VCAPCD 2003).

The diurnal land/sea breeze pattern common in the County recirculates air contaminants. Air pollutants are pushed toward the ocean during the early morning by the land breeze, and toward the east during the afternoon, by the sea breeze. This creates a "sloshing" effect, causing pollutants to remain in the area for several days. Residual emissions from previous days accumulate and

chemically react with new emissions in the presence of sunlight, thereby increasing ambient air pollutant levels (VCAPCD 2003).

This pollutant "sloshing" effect happens most predominantly from May through October ("smog" season). Air temperatures are usually higher and sunlight more intense during the "smog" season. This explains why the County experiences the most exceedances of the state and federal ozone standards during this six-month period (VCAPCD 2003).

3.1.2 Topography

The project is within the SCCAB, which covers San Luis Obispo, Santa Barbara, and Ventura counties. The SCCAB is bordered by the Pacific Ocean to the west, the South Coast Air Basin to the south, the Southeast Desert Air Basin and San Joaquin Valley Air Basin to the east, and the North Central Coast Air Basin to the north.

3.2 Existing Air Quality

This section summarizes existing air quality conditions near the project area. It includes attainment statuses for criteria pollutants, describes local ambient concentrations of criteria pollutants for the past five years, and discusses MSAT and GHG emissions.

3.2.1 Ambient Air Quality Monitoring

The VCAPCD maintains and operates a network of ambient air monitoring stations throughout the County. The purpose of the monitoring stations is to measure ambient concentrations of the pollutants and determine whether the ambient air quality meets the California Ambient Air Quality Standards (CAAQS) and NAAQS. The ambient monitoring station closest to the project is the El Rio-Rio Mesa School #2 station, approximately nine miles to the east of the project site. This site provided measurements for O_3, $PM_{2.5}$, PM_{10}, and NO_2. Additionally, the Reseda station was used as the closest ambient monitoring station for CO (Refer to Appendix B).

The locations of the two ambient air quality monitoring stations noted above are depicted in Figure 3-2. Ambient air quality monitoring data for these stations were obtained for the last five years of available data (i.e., 2019 through 2023) and are summarized in Table 3-1. As depicted, state and federal O_3 standards were exceeded on several occasions during the past five years. The federal standards for suspended particulates (i.e., PM_{10} and $PM_{2.5}$) have also been exceeded on various occasions during the past five years. State and federal standards for other pollutants have not been exceeded in recent years.

Table 3-1. Air Quality Concentrations for the Past Five Years Measured at El Rio-Rio Mesa School #2 and Reseda Ambient Air Quality Monitoring Stations

Pollutant	Standard	2020	2021	2022	2023	2024
Ozone [1]						
Max 1-hr concentration		0.104	0.073	0.077	0.071	0.073
No. days exceeded: State	0.09 ppm	2	0	0	0	0
Max 8-hr concentration		0.086	0.059	0.063	0.058	0.060
No. days exceeded: State	0.070 ppm	3	0	0	0	0
Federal	0.070 ppm	3	0	0	0	0
PM_{10} [1]						
Max 24-hr concentration		200.7	377.8	57.9	102.8	272.9
No. days exceeded: State	50 µg/m^3	21	12	3	7	3
Federal	150 µg/m^3	2	1	0	0	1
Annual concentration average		25.2	26.4	22.7	NA	NA
No. days exceeded: State	20 µg/m^3	NA	NA	NA	NA	NA
$PM_{2.5}$ [1]						
Max 24-hr concentration		58.7	31.7	18.5	24.5	90.5
No. days exceeded: Federal	35 µg/m^3	3	0	0	0	2
Annual concentration average		7.5	6.8	6.5	6.1	5.1
No. days exceeded: State	12 µg/m^3	NA	NA	NA	NA	NA
Federal	9.0 µg/m^3	NA	NA	NA	NA	NA
Nitrogen Dioxide [1]						
Max 1-hr concentration		31.0	33.0	32.0	27.0	29.0
No. days exceeded: State	0.18 ppm	0	0	0	0	0
Federal	100 ppb	0	0	0	0	0
Annual concentration average		5	4	4	3	4
No. days exceeded: State	0.030 ppm	NA	NA	NA	NA	NA
Federal	53 ppb	NA	NA	NA	NA	NA
Carbon Monoxide [2,3]						
Max 1-hr concentration		2.6	2.0	2.6	2.2	2.3
No. days exceeded: State	20 ppm	0	0	0	0	0
Federal	35 ppm	0	0	0	0	0
Max 8-hr concentration		2.2	1.7	1.9	1.8	1.7
No. days exceeded: State	9 ppm	0	0	0	0	0
Federal	9 ppm	0	0	0	0	0

1. Data from El Rio-Rio Mesa School #2 Monitoring Station

2. Data from Reseda Monitoring Station

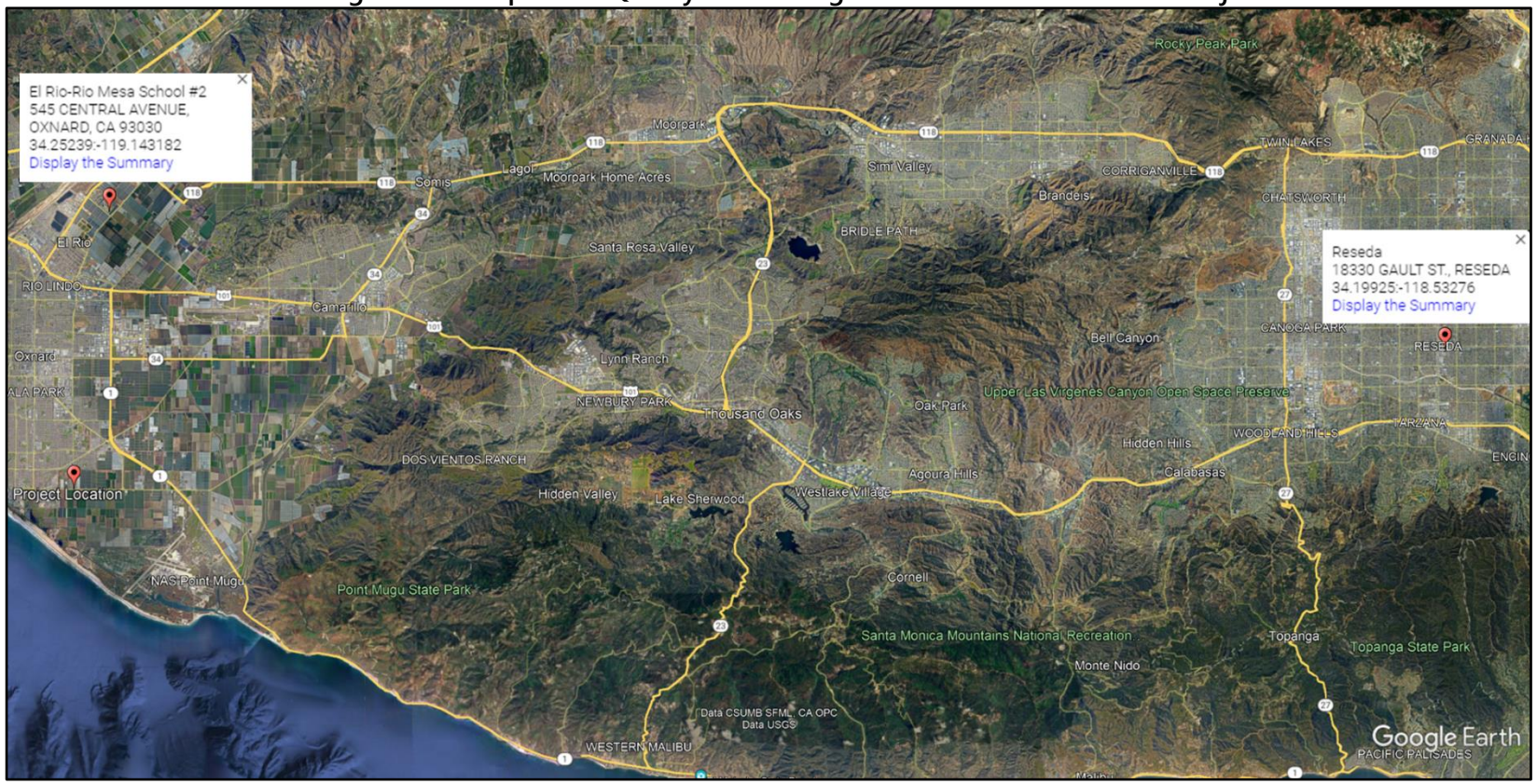
3. Data obtained from U.S. EPA Air Data – Monitor Values Report

ppb = parts per billion ppm = parts per million µg/m^3 = micrograms per cubed meter NA = not available

Refer to Appendix B for ambient air quality monitoring data.

Source: ARB 2025

Figure 3-2. Map of Air Quality Monitoring Stations Located Near the Project



Source: ARB 2025

3.2.2 Criteria Pollutants and Attainment Status

Under the CCAA, the ARB is required to designate areas of the state as "attainment", "nonattainment", or "unclassified" with respect to applicable standards. An "attainment" designation for an area signifies that pollutant concentrations did not violate the applicable standard in that area. A "nonattainment" designation indicates that a pollutant concentration violated the applicable standard at least once, excluding those occasions when a violation was caused by an exceptional event, as defined in the criteria. Depending on the frequency and severity of pollutants exceeding applicable standards, the nonattainment designation can be further classified as serious nonattainment, severe nonattainment, or extreme nonattainment, with extreme nonattainment being the most severe of the classifications. An "unclassified" designation signifies that the data does not support either attainment or nonattainment status. The CCAA divides districts into moderate, serious, and severe air pollution categories, with increasingly stringent control requirements mandated for each category.

The U.S. EPA designates areas for O_3, CO, and NO_2 as "does not meet the primary standards," "cannot be classified," or "better than national standards." For SO_2, areas are designated as "does not meet the primary standards," "does not meet the secondary standards," "cannot be classified," or "better than national standards." However, the ARB terminology of attainment, nonattainment, and unclassified is more frequently used. The U.S. EPA uses the same sub-categories for nonattainment status: serious, severe, and extreme. In 1991, U.S. EPA assigned new nonattainment designations to areas that had previously been classified as Group I, II, or III for PM_{10} based on the likelihood that they would violate national PM_{10} standards. All other areas are designated "unclassified."

The state and national attainment status designations pertaining to the SCCAB are summarized in Table 3-2. The SCCAB is currently designated as a nonattainment area with respect to the state and federal O_3 standards and state PM_{10} standards. The Basin is designated attainment or unclassified for the remaining state and federal standards.

3.2.3 Mobile Source Air Toxics

The primary source of MSAT in the project area is mobile source emissions from major roadways including but not limited to State Route 1, Hueneme Road, and East Pleasant Valley Road. Ambient MSAT data measured at nearby ambient air quality monitoring stations are available from ARB's website (https://www.arb.ca.gov/adam/index.html).

3.2.4 Greenhouse Gas and Climate Change

CO_2, as part of the carbon cycle, is an important compound for plant and animal life, but also accounted for 84 percent of California's total GHG emissions in 2015. Transportation, primarily on-road travel, is the single largest source of CO_2 emissions in the state.

Table 3-2. State and Federal Attainment Status

Pollutant	State Status	Federal Status (classification)
2015 8-Hour Ozone (O_3)	Non-Attainment	Non-Attainment (Serious)
2008 8-Hour Ozone (O_3)	Non-Attainment	Non-Attainment (Serious)
1997 8-Hour Ozone (O_3)	Non-Attainment	Non-Attainment (Serious)
Respirable Particulate Matter (PM_{10})	Non-Attainment	Attainment
2012 Fine Particulate Matter ($PM_{2.5}$)	Attainment	Attainment
2006 Fine Particulate Matter ($PM_{2.5}$)	Attainment	Attainment
1997 Fine Particulate Matter ($PM_{2.5}$)	Attainment	Attainment
Carbon Monoxide (CO)	Attainment	Attainment
Nitrogen Dioxide (NO_2)	Attainment	Attainment
Sulfur Dioxide (SO_2)	Attainment	Attainment
Lead (Pb)	Attainment	Attainment
Visibility-Reducing Particles	Attainment/Unclassified	NA
Sulfates	Attainment/Unclassified	NA
Hydrogen Sulfide (H_2S)	Attainment/Unclassified	NA
Vinyl Chloride	Attainment/Unclassified	NA

Source: U.S. EPA 2024, VCAPCD 2022

The project is located within the SCCAB region of the County and is included in the SCAG 2024-2050 RTP/SCS (ID # VEN011202). The 2024-2050 RTP/SCS is a long-range plan that balances future mobility and housing needs with economic, environmental, and public health goals through the year 2050.

SCAG is required by federal law to prepare and update a long-range (minimum of 20 years) RTP. The RTP is required to meet federal transportation conformity requirements for transportation-related criteria pollutants for which the region is designated as either nonattainment or maintenance. Pursuant to the FCAA, SCAG's 2024-2050 RTP/SCS meets all federal transportation conformity requirements. In addition, California Senate Bill 375 requires that the RTP also includes an SCS, which outlines growth strategies that better integrate land use and transportation planning and help reduce the state's GHG emissions from cars and light trucks (California Government Code §65080 (b)(2)(B). For the SCAG region, the ARB has set GHG reduction targets at 8 percent below 2005 per capita emissions levels by 2020, and 19 percent below 2005 per capita emissions levels by 2035. The 2024-2050 RTP/SCS will meet or exceed these targets, lowering GHG emissions (below 2005 levels) by 8 percent by 2020; 19 percent by 2035 (SCAG 2024).

3.3 Sensitive Receptors

Land uses within the project area consist predominantly agricultural uses. Nearby land uses are depicted in Figure 1-3.

3.4 Conformity Status

3.4.1 Regional Conformity

The project is included in the regional emissions analysis conducted by SCAG for the conforming 2024-2050 RTP/SCS Amendment #1. The project is identified in the 2024-2050 RTP/SCS Amendment #1 as ID # VEN011202 and described as "HUENEME RD FROM OXNARD CITY LIMITS TO RICE RD – WIDEN FROM TWO TO FOUR LANES (PHASE I)". The Connect SoCal 2024 RTP/SCS was found to conform by SCAG on April 4, 2024. FHWA and FTA made a regional conformity determination finding for the Connect SoCal 2024 RTP/SCS on May 10, 2024. The most recent amendment to the Connect SoCal 2024 RTP/SCS is Amendment #1, which was adopted by SCAG on September 5, 2024. The Connect SoCal 2024 RTP/SCS is Amendment #1 received federal regional conformity determination approval on December 16, 2024.

The most recent FTIP amendment within which the project is listed is the 2025 FTIP Amendment #25-09. The project is identified in the 2025 FTIP Amendment #25-09 as ID # VEN011202 and described as "HUENEME RD FROM OXNARD CITY LIMITS TO RICE RD – WIDEN FROM TWO TO FOUR LANES (PHASE I)". FHWA and FTA made a regional conformity determination finding for the 2025 FTIP Amendment #25-09 on June 9, 2025. The most recent amendment to the 2025 FTIP is Amendment #25-12. FHWA and FTA issued a regional conformity determination approval for the 2025 FTIP Amendment #25-12 on August 19, 2025. However, the project is not listed in the 2025 FTIP Amendment #25-12 because there has been no change to the project since the 2025 FTIP Amendment #25-09 was approved on June 9, 2025.

The project's design, concept, and scope have not changed significantly from what was analyzed in the regional emission analysis prepared for the federally approved SCAG 2024-2050 RTP/SCS Amendment #1 and the 2025 FTIP Amendment #25-12. The air quality conformity analysis prepared for these plans found that the plans, which consider regionally significant projects and financial constraints, would conform to the SIP(s) for attaining and maintaining the NAAQS as provided in Section 176(c) of the FCAA. FHWA determined that the 2024-2050 RTP/SCS Amendment #1 conformed to the SIP on December 16, 2024 and that the 2025 FTIP Amendment #25-12 conformed to the SIP on August 19, 2025. Additional documentation related to the regional emissions analysis is contained in Appendix A.

Table 3-3. Status of Plans Related to Regional Conformity

MPO	Plan/TIP	Date of Adoption by MPO	Date of Approval by FHWA	Last Amendment	Date of Approval by FHWA of Last Amendment
SCAG	Connect SoCal 2024-2050 RTP/SCS	April 4, 2024	May 10, 2024	1	December 16, 2024
SCAG	2025 FTIP	October 6, 2022	December 16, 2022	25-12	August 19, 2025

1. The Connect SoCal 2024-2050 RTP/SCS received federal approval on May 10, 2024. The most recent Connect SoCal 2024 RTP/SCS amendment is Amendment #1. The Connect SoCal 2024 RTP/SCS Amendment #1 received federal regional conformity determination approval on December 16, 2024.
2. The most recent federally-approved amendment to the 2025 FTIP within which the project is listed is Amendment #25-09, which received federal regional conformity determination approval on June 9, 2025. The most recent 2025 FTIP amendment is the 2025 FTIP Amendment #25-12. The federal regional conformity determination approval for the 2025 FTIP Amendment #25-12 was issued on August 19, 2025. However, the project is not listed in the 2025 FTIP Amendment #25-12 because there has been no change to the project since the 2025 FTIP Amendment #25-09 was approved on June 9, 2025.

3.4.2 Project-Level Conformity

The project is in Ventura County, which is designated nonattainment for the federal ozone standards. The County is designated attainment for the federal CO, $PM_{2.5}$, PM_{10} standards (refer to Table 3-2). The project does not cause or contribute to any new localized CO, $PM_{2.5}$, and/or PM_{10} violations, or delay the timely attainment of any NAAQS or any required interim emission reductions or other milestones during the timeframe of the transportation plan (or regional emissions analysis). No hot-spot analysis is required for conformity purposes, and project-level conformity analysis requirements are satisfied by the regional conformity analysis described in Section 3.4.1.

3.4.3 Interagency Consultation

The project is located in Ventura County, which is located within the SCCAB. The County is designated attainment for $PM_{2.5}$ and PM_{10} relative to federal standards (VCAPCD 2022). Therefore, a PM hot-spot analysis is not required.

4. Environmental Consequences

This section describes the methods, impact criteria, and results of air quality analyses of the project. Analyses in this report were conducted using methodology and assumptions that are consistent with the requirements of NEPA, CEQA, the CAAAs of 1990, and the CCAA of 1988. The analyses also use guidelines and procedures provided in applicable air quality analysis protocols, such as the *Transportation Project-Level Carbon Monoxide Protocol* (CO Protocol) (Garza et al., 1997), *Transportation Conformity Guidance for Quantitative Hot-Spot Analyses in PM_{10} and $PM_{2.5}$ Nonattainment and Maintenance Areas* (U.S. EPA, 2021), and the *FHWA Updated Interim Guidance on Air Toxics Analysis in NEPA Documents* (FHWA, 2023).

4.1 Impact Criteria

Project-related emissions will have an adverse environmental impact if they result in pollutant emissions levels that either create or worsen a violation of an ambient air quality standard (identified in Table 2-1) or contribute to an existing air quality violation.

4.2 Short-Term Effects (Construction Emissions)

4.2.1 Construction Equipment, Traffic Congestion, and Fugitive Dust

Site preparation and roadway construction will involve clearing, cut-and-fill activities, grading, removing or improving existing roadways, and paving roadway surfaces. During construction, short-term degradation of air quality is expected from the release of particulate emissions (airborne dust) generated by excavation, grading, hauling, and other activities related to construction. Emissions from construction equipment powered by gasoline and diesel engines are also anticipated and would include CO, nitrogen oxide (NO_X), volatile organic compounds (VOCs), directly emitted PM_{10} and $PM_{2.5}$, and TACs such as DPM. Construction activities are expected to increase traffic congestion in the area, resulting in increases in emissions from traffic during the delays. These emissions would be temporary and limited to the immediate area surrounding the construction site.

Under the transportation conformity regulations (40 CFR 93.123(c)(5)), construction-related activities that cause temporary increases in emissions are not required in a hot-spot analysis. These temporary increases in emissions are those that occur only during the construction phase and last five years or less at any individual site. They typically fall into two main categories:

- *Fugitive dust*: A major emission from construction due to ground disturbance. All air districts and the California Health and Safety Code (Sections 41700-41701) prohibit "visible

emissions" exceeding three minutes in 1 hour – this applies not only to dust but also to engine exhaust. In general, this is interpreted as visible emissions crossing the ROW line.

Sources of fugitive dust include disturbed soil at the construction site and trucks carrying uncovered loads of soil. Unless properly controlled, vehicles leaving the site may deposit mud on local streets, which could be an additional source of airborne dust after it dries. PM_{10} emissions may vary from day to day, depending on the nature and magnitude of construction activity and local weather conditions. PM_{10} emissions depend on soil moisture, silt content of the soil, wind speed, and the amount of equipment operating. Larger dust particles would settle near the source, while fine particles would be dispersed over greater distances from the construction site.

- *Construction equipment emissions*: DPM is a California-identified toxic air contaminant, and localized issues may exist if diesel-powered construction equipment is operated near sensitive receptors.

Construction emissions were estimated using the California Emissions Estimator Model (CalEEMod), Version 2022.1.1.30. Emissions modeling was conducted based on off-road equipment requirements and estimated areas to be paved provided by the project engineer, as well as default assumptions contained in the model. The emissions presented are based on the best information available at the time of calculations. The emissions represent the peak daily construction emissions that would be generated by the Build Alternative. Refer to Section 4.3.6 of this report for a discussion of construction generated GHG emissions. Estimated construction-generated emissions are summarized in Table 4-1.

Table 4-1. Construction Emissions of Criteria Air Pollutants & Precursors

Construction Phase	Emissions (lbs/day)				
	ROG	CO	NO_x	PM_{10}	$PM_{2.5}$
Land Clearing/Grubbing	0.4	4.5	3.5	5.8	0.7
Grading/Excavation (2030)	3.2	38.3	24.0	8.2	1.7
Grading/Excavation (2031)	2.9	35.9	22.4	1.9	0.9
Drainage/Utilities/Sub-Grade (2031)	1.7	21.0	13.0	7.0	1.1
Paving (2031)	0.8	13.0	7.1	6.2	0.9
Maximum/Day:	*3.2*	*38.3*	*24.0*	*8.2*	*1.7*
2030 Project Total (tons/year):	*0.2*	*2.5*	*1.6*	*0.6*	*0.1*
2031 Project Total (tons/year):	*0.1*	*1.1*	*0.7*	*0.4*	*0.1*
2030-2031 Project Total (tons):	*0.3*	*3.6*	*2.3*	*1.0*	*0.2*

Construction emissions were estimated using CalEEMod, Version 2022.1.1.30 based, in part, on project-specific information provided by the project engineer. Assumes compliance with VCAPCD Rule 55 for the control of fugitive dust.
Refer to Appendix E for emissions modeling assumptions and results

As depicted in Table 4-1, construction of the proposed Build Alternative would generate maximum daily emissions of approximately 3.2 lbs/day of reactive organic gases (ROG), 38.3 lbs/day of CO, 24.0 lbs/day of NO_X, 8.2 lbs/day of PM_{10}, and 1.7 lbs/day of $PM_{2.5}$. Total emissions generated during construction would be approximately 0.3 tons of ROG, 3.6 tons of CO, 2.3 tons of NO_X, 1.0 tons of PM_{10}, and 0.2 tons of $PM_{2.5}$. As previously noted, construction of the project would occur over an approximately 12-month period.

Implementation of the following measures, some of which may also be required for other purposes such as stormwater pollution control, will reduce air quality impacts resulting from construction activities. Please note that although these measures are anticipated to reduce construction-related emissions, these reductions cannot be quantified at this time.

- The construction contractor would comply with the Caltrans' non-standard special provision Section 14-9.05 (2023). Section 14-9.05 requires identification of the local air quality jurisdiction and for the contract to comply with all applicable rules and best management practices. The project would comply with all applicable VCAPCD rules and regulations including, but not limited to, Rule 55 for the control of fugitive dust, Rule 62.7 for the control of asbestos-containing material (ACM), and Rule 74.4, which prohibits the use of cutback asphalt.
- Water or a dust palliative will be applied to the site and equipment as often as necessary to control fugitive dust emissions.
- Soil binder will be spread on any unpaved roads used for construction purposes, and on all project construction parking areas.
- Trucks will be washed as they leave the ROW as necessary to control fugitive dust emissions.
- Construction equipment and vehicles will be properly tuned and maintained. All construction equipment will use low sulfur fuel as required by the CA Code of Regulations Title 17, Section 93114.
- A dust control plan will be developed documenting sprinkling, temporary paving, speed limits, and timely re-vegetation of disturbed slopes as needed to minimize construction impacts to existing communities.
- Equipment and materials storage sites will be located as far away from residential and park uses as practicable. Construction areas will be kept clean and orderly.
- Environmentally sensitive areas will be established near sensitive air receptors. Within these areas, construction activities involving the extended idling of diesel equipment or vehicles will be prohibited, to the extent feasible.
- Track-out reduction measures, such as gravel pads at project access points to minimize dust and mud deposits on roads affected by construction traffic, will be used.
- All transported loads of soil and wet materials will be covered before transport, or adequate freeboard (space from the top of the material to the top of the truck) will be provided to minimize the emission of dust during transportation.

- Dust and mud that are deposited on paved, public roads due to construction activity and traffic will be promptly and regularly removed to reduce PM emissions.
- To the extent feasible, construction traffic will be scheduled and routed to reduce congestion and related air quality impacts caused by idling vehicles along local roads during peak travel times.
- Mulch will be installed, or vegetation planted as soon as practicable after grading to reduce windblown PM in the area.
- In addition, nonstandard special provision 14-9.05 would mandate contractors to be responsible for complying with all rules and regulations implemented by air districts.

4.2.2 VCAPCD Rules and Regulations

As noted above, the project would be required to comply with all applicable laws and regulations related to air quality, which would include applicable VCAPCD rules and regulations. Applicable rules and regulations may include, but are not limited to, the following:

- *Rule 55 – Fugitive Dust*. The purpose of this Rule is to reduce the amount of PM in the ambient air resulting from anthropogenic fugitive dust sources by requiring projects to prevent, reduce, or mitigate fugitive dust emissions. Accordingly, construction activity sources are required to implement the best available control measures for the control of fugitive dust.
- *Rule 62.7 – Asbestos-Demolition and Renovation*. This rule applies to the demolition and renovation activities associated with the disturbance of ACM.
- *Rule 74.4 – Cutback Asphalt*. This rule prohibits the use of rapid cure cutback asphalt for highway or street paving or maintenance, as well as, the sale of such products.

4.2.3 Asbestos

The project is located in the County, which is not depicted as containing naturally-occurring asbestos (NOA) (i.e., serpentine and ultramafic rock). Refer to Appendix C for the map depicting areas more likely to contain NOA. Therefore, the impact of NOA during project construction would be minimal to none.

Asbestos was used in many materials prior to 1978 and may have been used up until the early 1980s. ACMs include fireproofing, acoustic ceiling material, transit pipe, roofing materials, thermal insulation, support piers, expansion joint material in bridges, asphalt, concrete, and other building materials. It is of primary concern when it is friable (i.e., material that can be easily crumbled). ACM may be encountered with bridges, undercrossings, or underground utilities, as well as, during the demolition of existing structures constructed in the early 1980s and earlier. If not properly identified and mitigated, asbestos fibers could become airborne during the construction of the project, particularly during demolition and site preparation activities. The EPA established the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Asbestos to minimize the release of asbestos fibers during ACM handling activities, including demolition of existing structures containing

ACM. To minimize public exposure and ensure compliance with NESHAP requirements, VCAPCD regulates ACM through implementation of VCAPCD Rule 62.7, Asbestos-Demolition and Renovation (VCAPCD 2025). Compliance with VCAPCD Rule 62.7 would minimize exposure to ACM.

4.2.4 Lead

Lead is normally not an air quality issue for transportation projects unless the project involves disturbance of soils containing high levels of aerially deposited lead or painting or modification of structures with lead-based coatings. The project would require the demolition of major onsite structures or buildings that may contain lead-based coatings or materials. An initial study assessment prepared for the project recommended testing prior to demolition of onsite structures. Implementation of the proposed improvements may require the removal and disposal of yellow traffic striping and pavement marking materials (paint thermoplastic, permanent tape, and temporary tape). Yellow paints made prior to 1995 may exceed hazardous waste criteria under Title 22, California Code of Regulations, and require disposal in a Class I disposal site. In addition, the disturbance of lead paint must meet U.S. EPA and air district rules (Caltrans Standard Specifications 14-9.02 and Caltrans Standard Special Provision 14-11.07, 2023). Lead-based paint may be encountered with painted curbs and protective bollards. Furthermore, the project is not located near an industrial lead emissions source. Therefore, exposure to lead more than applicable standards during construction would be unlikely.

4.2.5 Odors

Minor sources of odors would be present during construction. The predominant source of power for construction equipment is diesel engines. Exhaust odors from diesel engines, as well as emissions associated with asphalt paving, may be considered offensive to some individuals. However, because odors would be temporary and would disperse rapidly with distance from the source, construction-generated odors would not be anticipated to result in the frequent exposure of receptors to objectionable odorous emissions.

4.2.6 Valley Fever

Valley fever is an illness caused by a fungus found in the soil in many parts of California, particularly in the Central Valley and Central Coast areas of the State. For some, Valley Fever can be serious and even fatal. Workers who work outdoors are especially at risk when performing activities associated with the disturbance of soil, particularly soils not previously disturbed. Compliance with VCAPCD Rule 55 for the control of fugitive dust would help to minimize exposure by reducing potential increases in fugitive dust and potential increases in entrained fungal spores.

4.3 Long-Term Effects (Operational Emissions)

Long-term operational emissions of criteria air pollutants associated with the preferred Build Alternative would be associated with the operation of motor vehicles. Long-term operational emissions were quantified using CT-EMFAC2021 version 1.0.2 computer program based on traffic information provided by the project engineer for vehicle travel within the project area. Estimated changes in operational emissions are summarized in Table 4-2. Operational emissions were quantified for Existing Year 2023 (baseline) conditions, No-Build Alternative and the Build Alternative conditions for Opening Year 2030 and Design Year 2050 conditions. In comparison to the No-Build Alternative for Opening Year 2030 and Design Year 2050 conditions, the proposed Build Alternative is predicted to increase emissions of $PM_{2.5}$, PM_{10}, NO_X, CO, and ROG by approximately 3 percent. It is important to note that estimated emissions are based on vehicle travel within the project area. However, on a regional basis, implementation of the proposed build alternative is not anticipated to result in a significant increase in long-term VMT and associated mobile-source emissions (Kimley Horn 2023).

Table 4-2. Summary of Comparative Operational Emissions Analysis

Scenario/Analysis Year	Emissions (Tons/Year)[1]				
	$PM_{2.5}$	PM_{10}	NO_X[2]	CO	ROG
Existing Year 2023	0.33	1.82	2.02	10.15	0.55
No-Build Alternative – Opening Year 2030	0.32	1.80	1.06	6.93	0.39
No-Build Alt. 2030 Compared to Existing:	-0.01	-0.01	-0.96	-3..22	-0.16
Percent Change:	-3%	-1 %	-48 %	-32 %	-29 %
Build Alternative – Opening Year 2030	0.33	1.85	1.09	7.11	0.40
Build Alt. 2030 Compared to Existing:	0.00	0.03	-0.94	-3.04	-0.15
Percent Change:	-0 %	2 %	-46 %	-30 %	-27 %
Build Alt. 2030 Compared to No-Build Alt. 2030:	0.01	0.05	0.03	0.17	0.01
Percent Change:	3 %	3 %	3 %	3 %	3 %
No-Build Alternative – Design Year 2050	0.34	1.96	0.46	5.06	0.26
No-Build Alt. 2050 Compared to Existing:	0.01	0.15	-1.56	-5.09	-0.29
Percent Change:	2 %	8 %	-77 %	-50 %	-53 %
Build Alternative – Design Year 2050	0.35	2.01	0.47	5.19	0.27
Build Alt. 2050 Compared to Existing:	0.02	0.20	-1.55	-4.96	-0.28
Percent Change:	5 %	11 %	-77 %	-49 %	-52 %
Build 2050 Alt. Compared to No-Build Alt. 2050:	0.01	0.05	0.01	0.13	0.01
Percent Change:	3 %	3 %	3 %	3 %	3 %

1. Emissions were calculated using the CT-EMFAC2021 version 1.0.2 computer program based, in part, on traffic data provided for this project and vehicle travel distances within the project area (Kimley Horn 2023a, 2025). Includes exhaust emissions, brake, road, and tire dust. Refer to Appendix E for emissions modeling assumptions and results.

2. NOx is a surrogate for NO_2.

Note: Values may not sum due to rounding

Note: Opening Year 2030 traffic is considered to be a *conservative* estimation of *year 2027 traffic data (Kimley Horn 2024)*

4.3.1 CO Analysis

In 1997, the U.S. EPA approved the CO Protocol[8] for use as an alternative hot-spot analysis method in California. Statewide and regional interagency consultation groups also reviewed the CO Protocol and approved it for federal air quality conformity use. The CO Protocol provides a screening procedure for determining when a project may be of possible concern regarding potential exceedance of CO ambient air quality standards. For projects that do not pass the screening procedure, the CO Protocol provides additional guidance on conducting a more detailed analysis. An evaluation of each CO Protocol Decision Flow Chart, Appendix D, inquiry as they pertain to the project is discussed, as follows:

Section 3

3.1.1 Is this project exempt from all emission analyses?

No. The project is not exempt from all emission analyses as it does not meet the criteria for projects exempt from all emissions analyses listed in the CO Protocol. In addition, the air quality analyses of projects included in the RTP and FTIP do not include the analyses of local CO impacts, which therefore must be addressed on a project level. *(Proceed to 3.1.2)*

3.1.2. Is this project exempt from regional emissions analyses?

No. The project is not exempt from regional emission analyses as it does not meet the criteria for projects exempt from regional emission analyses listed in the CO Protocol. *(Proceed to 3.1.3)*

3.1.3. Is this project locally defined as regionally significant?

Yes. Regionally significant projects are defined in 40 CFR 93.101 as projects that would normally be included in the modeling of a metropolitan area's transportation network, which is the case for this project. *(Proceed to 3.1.4)*

3.1.4. Is this project in a federal attainment area?

No. The project is located within the County, which is within the SCCAB. The County is currently designated as an attainment area with respect to federal pollutants except for O_3. The County is designated nonattainment for both the 1-Hour and 8-Hour O_3 NAAQS (VCAPCD 2022). *(Proceed to 3.1.5)*

3.1.5. Is there a currently conforming RTP and TIP?

Yes. There is a conforming RTP (SCAG 2024-2050 RTP/SCS Amendment #1) and TIP (SCAG 2025 FTIP Amendment #25-12) 2024-2050 RTP/SCS Amendment #1 was approved by the FHWA on December 16, 2024 and the 2025 FTIP Amendment #25-12 was approved by FHWA on August 19, 2025. The project is identified as Project ID # VEN011202. *(Proceed to 3.1.6)*

3.1.6. Is the project included in the regional emissions analysis supporting the currently conforming RTP and TIP?

[8] *Transportation Project-Level Carbon Monoxide Protocol, UCD-ITS-97-21*, University of California, Davis, December 1997

Yes. The project is identified as Project ID # VEN011202 and is included in the regional emissions analysis conducted by SCAG for the conforming 2024-2050 RTP/SCS Amendment #1 and the 2025 FTIP Amendment #25-12. *(Proceed to 3.1.7)*

3.1.7. Has the project design concept and/or scope changed significantly from that in regional analysis?

No. The project is identified in the 2024-2050 RTP/SCS Amendment #1 and the 2025 FTIP Amendment #25-12 as Project # VEN011202 and described as "HUENEME RD FROM OXNARD CITY LIMITS TO RICE RD – WIDEN FROM TWO TO FOUR LANES (PHASE I)". The project has not changed significantly from what was included in the regional emissions analysis conducted for the 2024-2050 RTP/SCS Amendment #1 and the 2025 FTIP Amendment #25-12. *(Proceed to 4.1.1)*

Level 1

4.1.1. Is the project in a CO non-attainment area?

No. The project site is in an area that has demonstrated attainment with the federal CO standards and is currently designated an attainment area. *(Proceed to 4.1.2)*

4.1.2 Was the area redesignated as "attainment" after the 1990 Clean Air Act?

No. The SCCAB was not redesignated to attainment status after the 1990 Clean Air Act. *(Proceed to 4.7.1)*

Level 7

4.7.1. Does the project worsen air quality?

The CO Protocol, Section 4.7.1, recommends the following criteria to be used to determine whether the project is likely to worsen air quality for the area substantially affected by the project.

1. ***The project significantly increases the percentage of vehicles operating in cold start mode Increasing the number of vehicles operating in cold start mode by as little as 2 percent should be considered potentially significant.***

   No. Vehicles operating in "cold start" mode can be an important source of air pollutants, including emissions of CO. EMFAC2021 considers a vehicle to be in "cold start" if the vehicle's engine has been shut-off for 720 minutes (12 hours), or more (ARB 2021).

   The Build Alternative would result in permanent ROW acquisition from 30 properties. The proposed Build Alternative would not result in the construction of new facilities that would result in increases in vehicle "cold starts", such as park-n-ride lots, nor would the proposed Build Alternative result in increases in vehicle delay that would result in increases in "cold start" vehicle operations. Therefore, the Build Alternative would not result in changes in vehicle operations that would result in increased "cold start" vehicle operations.

2. ***The project significantly increases traffic volumes. Increases in traffic volumes in excess of 5 percent should be considered potentially significant. Increasing the traffic volume by less than 5 percent may still be potentially significant if there is also a reduction in average speeds.***
   Yes. A comparison of directional peak hour lane volumes for Opening Year 2030 and future Design Year 2050, with and without project implementation, are summarized in Table 4-3 and Table 4-4, respectively. As shown, the project is predicted to result in a significant increase in traffic volumes on Hueneme Road greater than 5 percent.

3. ***The project worsens traffic flow. For uninterrupted roadway segments, a reduction in average speeds (within a range of three to 50 mph) should be regarded as worsening traffic flow. For intersection segments, a reduction in average speed or an increase in average delay should be considered as worsening traffic flow.***
   Yes. As depicted in Table 4-5, the project is predicted to deteriorate LOS at the signalized intersection of Hueneme Road and Olds Road from LOS B to LOS C under both Opening Year 2030 conditions and Design Year 2050 conditions. Increases in vehicle delay would be anticipated to result in a worsening of traffic flow at this intersection. *(Proceed to 4.7.2)*

Table 4-3. Change in Intersection LOS

Intersection	Opening Year 2030 Change in LOS (No-Build to → Build)		Design Year 2050 Change in LOS (No-Build to → Build)	
Signalized	A.M. Peak Hour	P.M. Peak Hour	A.M. Peak Hour	P.M. Peak Hour
Hueneme Road and Edison Drive	A → A	B → A	A → A	B → A
Hueneme Road and Olds Road	A → A	B → C	A → A	B → C
Hueneme Road and Rice Avenue	A → A	C → A	A → A	C → A
Unsignalized	A.M. Peak Hour	P.M. Peak Hour	A.M. Peak Hour	P.M. Peak Hour
Hueneme Road and Arnold Road	C → C	D → C	D → C	D → C
Hueneme Road and Casper Road	C → C	D → C	D → C	F → D

Source: Kimley Horn 2023a, 2025
Note: Opening Year 2030 traffic is considered to be a conservative estimation of year 2027 traffic data (Kimley Horn 2024)

Table 4-4. Peak Hour Lane Volumes – Opening Year 2030

Intersection/Lane	No-Build		Build		Change		% Change	
Hueneme Road and Edison Drive Intersection	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
Edison Drive Southbound Through	6	8	6	8	0	0	0 %	0 %
Edison Drive Southbound Left	3	1	3	1	0	0	0 %	0 %
Edison Drive Northbound Right	6	48	6	48	0	0	0 %	0 %
Edison Drive Northbound Through	4	7	4	7	0	0	0 %	0 %
Edison Drive Northbound Right +Through	10	55	10	55	0	0	0 %	0 %
Edison Drive Northbound Left	12	12	12	12	0	0	0 %	0 %
Hueneme Road Eastbound Right	49	12	49	12	0	0	0 %	0 %
Hueneme Road Eastbound Through	693	531	730	532	37	1	5 %	0 %
Hueneme Road Eastbound Left	4	3	4	3	0	0	0 %	0 %
Hueneme Road Westbound Right	4	0	4	0	0	0	0 %	0 %
Hueneme Road Westbound Through	459	902	460	961	1	59	0 %	7 %
Hueneme Road Westbound Right + Through	463	902	464	961	1	59	0 %	7 %
Hueneme Road Westbound Left	10	8	10	8	0	0	0 %	0 %
Hueneme Road and Arnold Road Intersection	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
Arnold Road Northbound Right	6	9	6	9	0	0	0 %	0 %
Arnold Road Northbound Left	9	14	9	14	0	0	0 %	0 %
Arnold Road Northbound Right + Left (No-Build)	15	23	15	23	0	0	0 %	0 %
Hueneme Road Eastbound Right	4	3	4	3	0	0	0 %	0 %
Hueneme Road Eastbound Through	695	588	732	589	37	1	5 %	0 %
Hueneme Road Eastbound Right + Through	699	591	736	592	37	1	5 %	0 %
Hueneme Road Westbound Through	485	909	486	969	1	60	0 %	7 %
Hueneme Road Westbound Left	10	4	10	4	0	0	0 %	0 %
Hueneme Road and Olds Road Intersection	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
Olds Road Southbound Right	39	43	39	43	0	0	0 %	0 %
Olds Road Southbound Left	41	14	41	14	0	0	0 %	0 %
Olds Road Southbound Right + Left	80	57	80	57	0	0	0 %	0 %
Hueneme Road Eastbound Through	648	571	686	573	38	2	6 %	0 %
Hueneme Road Eastbound Left	67	28	67	28	0	0	0 %	0 %
Hueneme Road Westbound Right	30	90	30	90	0	0	0 %	0 %
Hueneme Road Westbound Through	463	872	465	932	2	60	0 %	7 %
Hueneme Road Westbound Right + Through	493	962	495	1022	2	60	0 %	6 %
Hueneme Road and Casper Road Intersection	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
Casper Road Northbound Right	7	30	7	30	0	0	0 %	0 %
Casper Road Northbound Left	6	20	6	20	0	0	0 %	0 %
Casper Road Northbound Right + Left	13	50	13	50	0	0	0 %	0 %
Hueneme Road Eastbound Right	10	4	10	4	0	0	0 %	0 %
Hueneme Road Eastbound Through	690	588	729	590	39	2	6 %	0 %
Hueneme Road Eastbound Right + Through	700	592	739	594	39	2	6 %	0 %
Hueneme Road Westbound Through	485	931	486	987	1	56	0 %	6 %
Hueneme Road Westbound Left	13	17	13	17	0	0	0 %	0 %
Hueneme Road and Rice Avenue Intersection	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
Rice Avenue Southbound Right	115	212	115	216	0	4	0 %	2 %
Rice Avenue Southbound Left	41	10	41	10	0	0	0 %	0 %
Hueneme Road Eastbound Through	544	465	583	465	39	0	7 %	0 %
Hueneme Road Eastbound Left	167	149	167	149	0	0	0 %	0 %
Hueneme Road Westbound Right	37	75	37	75	0	0	0 %	0 %
Hueneme Road Westbound Through	415	758	421	780	6	22	1 %	3 %

Source: Kimley Horn 2023a,

Note: Opening Year 2030 traffic is considered to be a conservative estimation of year 2027 traffic data (Kimley Horn 2024)

Table 4-5. Peak Hour Lane Volumes – Design Year 2050

Intersection/Lane	No-Build		Build		Change		% Change	
Hueneme Road and Edison Drive Intersection	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
Edison Drive Southbound Through	6	8	6	8	0	0	0 %	0%
Edison Drive Southbound Left	3	1	3	1	0	0	0 %	0%
Edison Drive Northbound Right	6	48	6	48	0	0	0 %	0%
Edison Drive Northbound Through	4	7	4	7	0	0	0 %	0%
Edison Drive Northbound Right +Through	4	4	4	4	0	0	0 %	0%
Edison Drive Northbound Left	12	12	12	12	0	0	0 %	0%
Hueneme Road Eastbound Right	49	12	49	12	0	0	0 %	0%
Hueneme Road Eastbound Through	723	531	764	532	41	1	6 %	0%
Hueneme Road Eastbound Left	4	3	4	3	0	0	0 %	0%
Hueneme Road Westbound Right	4	0	4	0	0	0	0 %	0%
Hueneme Road Westbound Through	459	903	460	968	1	65	0 %	7%
Hueneme Road Westbound Right + Through	4	4	4	4	0	0	0 %	0%
Hueneme Road Westbound Left	10	9	10	9	0	0	0 %	0%
Hueneme Road and Arnold Road Intersection	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
Arnold Road Northbound Right	6	9	6	9	0	0	0 %	0%
Arnold Road Northbound Left	9	14	9	14	0	0	0 %	0%
Arnold Road Northbound Right + Left	4	4	4	4	0	0	0 %	0%
Hueneme Road Eastbound Right	5	3	5	3	0	0	0 %	0%
Hueneme Road Eastbound Through	727	588	768	589	41	1	6 %	0%
Hueneme Road Eastbound Right + Through	4	4	4	4	0	0	0 %	0%
Hueneme Road Westbound Through	486	914	487	980	1	66	0 %	7%
Hueneme Road Westbound Left	11	4	11	4	0	0	0 %	0%
Hueneme Road and Olds Road Intersection	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
Olds Road Southbound Right	39	46	39	46	0	0	0 %	0%
Olds Road Southbound Left	42	14	42	14	0	0	0 %	0%
Olds Road Southbound Right + Left	4	4	4	4	0	0	0 %	0%
Hueneme Road Eastbound Through	682	571	724	573	42	2	6 %	0%
Hueneme Road Eastbound Left	68	30	68	30	0	0	0 %	0%
Hueneme Road Westbound Right	30	103	30	103	0	0	0 %	0%
Hueneme Road Westbound Through	463	889	465	955	2	66	0 %	7%
Hueneme Road Westbound Right + Through	4	4	4	4	0	0	0 %	0%
Hueneme Road and Casper Road Intersection	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
Casper Road Northbound Right	12	45	12	45	0	0	0 %	0%
Casper Road Northbound Left	11	36	11	36	0	0	0 %	0%
Casper Road Northbound Right + Left	4	4	4	4	0	0	0 %	0%
Hueneme Road Eastbound Right	24	8	24	8	0	0	0 %	0%
Hueneme Road Eastbound Through	722	588	765	590	43	2	6 %	0%
Hueneme Road Eastbound Right + Through	4	4	4	4	0	0	0 %	0%
Hueneme Road Westbound Through	494	931	495	993	1	62	0 %	7%
Hueneme Road Westbound Left	29	30	29	30	0	0	0 %	0%
Hueneme Road and Rice Avenue Intersection	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
Rice Avenue Southbound Right	124	274	124	278	0	4	0 %	1%
Rice Avenue Southbound Left	57	18	57	18	0	0	0 %	0%
Hueneme Road Eastbound Through	558	465	601	465	43	0	8 %	0%
Hueneme Road Eastbound Left	235	149	235	149	0	0	0 %	0%
Hueneme Road Westbound Right	76	86	76	86	0	0	0 %	0%
Hueneme Road Westbound Through	484	758	491	782	7	24	1 %	3%

Source: Kimley Horn 2023a

Note: Opening Year 2030 traffic is considered to be a conservative estimation of year 2027 traffic data (Kimley Horn 2024)

4.7.2. Is the project suspected of resulting in higher CO concentrations than those existing within the region at the time of attainment demonstration?

The attainment demonstration included evaluation of CO concentrations at the Wilshire Boulevard/Veteran Avenue intersection, which is considered the most congested intersection in Los Angeles County, having an ADT volume of approximately 100,000 vehicles per day. The attainment demonstration modeling estimated CO concentrations at this intersection to be 4.6 parts per million (ppm) in the A.M. peak hour and 3.5 ppm in the P.M. peak hour for the year 2002. In accordance with the CO Protocol, peak hour operations for the intersections associated with project build conditions were compared to this modeled intersection to determine if the project would be suspected of resulting in higher CO concentrations. Section 4.7.2 of the CO Protocol recommends evaluation based on the following criteria for determining if the project would be suspected of resulting in higher CO concentrations in comparison to those existing within the region at the time of attainment demonstration.

1. ***The receptors at the location under study are at the same distance or farther from the traveled roadway than the receptors at the location where attainment has been demonstrated.***

   The receptors at the location under study are at the same distance or farther from the traveled roadway than the receptors at the location where attainment has been demonstrated. Predicted concentrations for the attainment demonstration modeling were three meters from the roadway edge. The nearest receptors in the vicinity of the intersections would be no closer than three meters.

2. ***The roadway geometry of the two locations is not significantly different. An example of a significant difference would be a larger number of lanes at the location under study compared to the location where attainment has been demonstrated.***

   The Wilshire Boulevard/Veteran Avenue intersection is a 10-lane facility in the east and west directions and a 9-lane facility in the north and south directions resulting in a 19-lane intersection. At the intersection, the east direction includes two left turn lanes and three through lanes. The west direction includes two left turn lanes and three through lanes. The north direction includes one left turn lane, two though lanes and one right turn lane. The south direction includes one left turn lane, two through lanes, and two right turn lanes. Under the Build Alternative, Hueneme Road and Rice Avenue would be an 8-lane intersection. Therefore, the roadway geometry of the two locations is not significantly different.

3. ***Expected worst-case meteorology at the location under study is the same or better than the worst-case meteorology at the location where attainment has been demonstrated. Relevant meteorological variables include wind speed, wind direction, temperature and stability class.***

   Expected worst-case meteorology at the project location is the same or better than the worst-case meteorology at the location where attainment has been demonstrated.

4. ***Traffic lane volumes at the location under study are the same or lower than those at the location where attainment has been demonstrated.***
   Traffic lane volumes in the project area are the same or lower than those at the location where attainment has been demonstrated. Traffic volumes at the intersections associated with the project would be lower than those identified for the Wilshire Boulevard/Veteran Avenue intersection. For example, the Wilshire Boulevard/Veteran Avenue intersection documented a worst-case 1,238 vehicles per lane per hour (v/l/h) from the east in the A.M. peak hour in 2000.

   In comparison, the highest predicted peak hour lane volume for the Build Alternative would be an eastbound Hueneme Road through lane approaching the Hueneme Road and Edison Drive intersection under Opening Year 2030 and Design Year 2050 conditions. Under Build conditions, the volume is projected to be approximately 730 v/l/h, or less, for Opening Year 2030 conditions. The volume is projected to be 764 v/l/h, or less, for Design Year 2050 conditions. The predicted v/l/h are derived based on intersection turning movements provided in the traffic impact study (TIS) prepared by Kimley Horn (2023a, 2025). Calculations for v/l/h are presented in Appendix D.

   Under both Opening Year 2030 and Design Year 2050 conditions, predicted worst-case lane volumes for the Build Alternative would be less than those identified for the Wilshire Boulevard/Veteran Avenue intersection.

5. ***Percentage of vehicles operating in cold start mode at the location under study are the same or lower than those at the location where attainment has been demonstrated.***
   Percentage of vehicles operating in cold start mode at the location under study are the same or lower than those at the location where attainment has been demonstrated. The proposed Build Alternative would not result in a significant increase in vehicles operating in cold start mode.

6. ***Percentage of heavy-duty gas trucks at the location under study is the same or lower than the percentage at the location where attainment has been demonstrated.***
   The percentage of heavy-duty gas trucks at the location under study is the same or lower than the percentage at the location where attainment has been demonstrated.
   The proposed Build Alternative would not result in a significant increase in truck volumes.

7. ***For projects involving intersections, the average delay and queue length for each approach is the same or smaller for the intersection under study compared to those found in the intersection where attainment has been demonstrated.***
   Given the extreme traffic volumes and congestion reported at the Wilshire Boulevard/Veteran Avenue intersection, the average vehicle delay and queue lengths would be significantly lower at the intersections associated with the proposed Build Alternative.

8. ***Background concentration at the location under study is the same or lower than the background concentration at the location where attainment has been demonstrated.***
   Background CO concentrations have declined in recent years and, as a result, background CO concentrations at the location of the study would be lower than the background concentrations used for the attainment demonstration modeling.

Based on the above screening criteria, the project area intersection would not be suspected of resulting in higher CO concentrations than those existing within the region at the time of attainment demonstration. No further analysis is necessary.

4.3.2 PM Analysis

Emissions Analysis

PM emissions within the project area were estimated for Baseline, No-Build Alternative, and the Build Alternative for Opening Year 2030 and Design Year 2050 conditions (refer to Table 4-2). Under the No-Build Alternative 2030 conditions, emissions of $PM_{2.5}$ would decrease by approximately 3 percent and emissions of PM_{10} would decrease by approximately 1 percent relative to existing conditions. Under the No-Build Alternative 2050 conditions, emissions of $PM_{2.5}$ are projected to increase by approximately 2 percent and PM_{10} emissions are projected to increase approximately 8 percent relative to existing conditions. In comparison to No-Build Alternative year 2030 conditions, the proposed Build Alternative is predicted to increase $PM_{2.5}$ and PM_{10} emissions by approximately 3 percent each. In comparison to No-Build Alternative year 2050 conditions, the proposed Build Alternative is predicted to increase emissions by approximately 3 percent for both $PM_{2.5}$ and PM_{10}.

Hot-Spot Analysis

In October 2021, the U.S. EPA released an updated version of *Transportation Conformity Guidance for Quantitative Hot-Spot Analyses in $PM_{2.5}$ and PM_{10} Nonattainment and Maintenance Areas* (Guidance) for quantifying the local air quality impacts of transportation projects and comparing them to the PM NAAQS (75 FR 79370). The U.S. EPA originally released the quantitative guidance in December 2010 and released a revised version in October 2021 to reflect the approval of EMFAC2021 and U.S. EPA's 2012 PM NAAQS final rule.

The October 2021 version reflects MOVES3 and its subsequent minor revisions, to revise design value calculations to be more consistent with other U.S. EPA programs, and to reflect guidance implementation and experience in the field. Note that EMFAC, not MOVES, should be used for project hot-spot analysis in California. The Guidance requires a hot-spot analysis to be completed for a project of air quality concern (POAQC). The final rule in 40 CFR 93.123(b)(1) defines a POAQC as:

(i) New or expanded highway projects that have a significant number of or a significant increase in diesel vehicles;

(ii) Projects affecting intersections that are at LOS D, E, or F with a significant number of diesel vehicles, or those that will change to LOS D, E, or F because of increased traffic volumes from a significant number of diesel vehicles related to the project;

(iii) New bus and rail terminals and transfer points that have a significant number of diesel vehicles congregating at a single location;

(iv) Expanded bus and rail terminals and transfer points that significantly increase the number of diesel vehicles congregating at a single location; and

(v) Projects in or affecting locations, areas, or categories of sites which are identified in the $PM_{2.5}$ and PM_{10} applicable implementation plan or implementation plan submission, as appropriate, as sites of violation or possible violation.

The project would not be considered a POAQC for PM_{10} and/or $PM_{2.5}$ because it does not meet the definition of a POAQC as defined in U.S. EPA's Guidance. The project is not a new or expanded highway that would result in a significant increase in diesel vehicles. As noted in Table 1-14 and Table 1-16, the project would result in significant increases in traffic volumes along Hueneme Road. However, the project would not result in a significant increase in the number of diesel vehicles operating along area roadways. The proposed Build Alternative is not a new or expanded bus or rail terminal, and would not affect locations, areas, or categories of sites identified in PM implementation plans as sites of a possible violation. The project is in an area designated as attainment for both $PM_{2.5}$ and PM_{10} standards, therefore a project-level PM hot spot analysis is not required.

4.3.3 NO_2 Analysis

The U.S. EPA modified the NO_2 NAAQS to include a 1-hour standard of 100 parts per billion (ppb) in 2010. Currently, there is no federal project-level NO_2 analysis requirement. However, NO_2 is among the near-road pollutants of concern, and project analysts will be expected to explain how transportation projects affect near-road NO_2.

NO_X emissions within the project area were estimated for Existing Year 2023 (baseline), No-Build Alternative, and the Build Alternative for Opening Year 2030 and Design Year 2050 conditions (refer to Table 4-2). In comparison to existing conditions, emissions of NO_X in the project area are projected to decrease by approximately eight tons/year, or more, by 2050 for both alternatives. As discussed earlier in this report and summarized in Tables 1-13, 1-14, 1-15, and 1-16, the proposed Build Alternative would result in changes in traffic volumes along roadway segments within the project area. The project would not affect vehicle mix or result in increased heavy-duty truck operations within the project area. No meaningful change in NO_2 concentrations along area roadways would be anticipated to occur with the implementation of the proposed Build Alternative. As a result, the Build Alternative would not be anticipated to cause or result in a worsening of violations of the ambient air quality standards for NO_2.

4.3.4 Mobile Source Air Toxics Analysis

FHWA released updated guidance in January 2023 (FHWA, 2023) for determining when and how to address MSAT impacts in the NEPA process for transportation projects. FHWA identified three levels of analysis:

1) No analysis for projects with no potential for meaningful MSAT effects;
2) Qualitative analysis for projects with low potential MSAT effects; or
3) Quantitative analysis to differentiate alternatives for projects with higher potential MSAT effects. For projects warranting MSAT analysis, all nine priority MSATs should be considered.

1) Projects with No Meaningful Potential MSAT Effects, or Exempt Projects

The types of projects included in this category are:

- Projects qualifying as a categorical exclusion under 23 CFR 771.117;
- Projects exempt under the FCAA conformity rule under 40 CFR 93.126; and
- Other projects with no meaningful impacts on traffic volumes or vehicle mix.

For projects that are categorically excluded under 23 CFR 771.117, or are exempt from conformity requirements under the FCAA pursuant to 40 CFR 93.126, no analysis or discussion of MSAT is necessary. Documentation sufficient to demonstrate that the project qualifies as a categorical exclusion and/or exempt project will suffice. For other projects with no or negligible traffic impacts, regardless of the class of NEPA environmental document, no MSAT analysis is recommended. However, the project record should document in the expenditure authorization or environmental impact statement the basis for the determination of no meaningful potential impacts with a brief description of the factors considered.

2) Projects with Low Potential MSAT Effects

The types of projects included in this category are those that serve to improve operations of highway, transit, or freight without adding substantial new capacity or without creating a facility that is likely to meaningfully increase MSAT emissions. This category covers a broad range of projects. We anticipate that most highway projects that need an MSAT assessment will fall into this category. Examples of these types of projects are minor widening projects; new interchanges; replacing a signalized intersection on a surface street; and projects where design year traffic is projected to be less than 140,000 to 150,000 annual average daily traffic (AADT). For these projects, a qualitative assessment of emissions projections should be conducted. This qualitative assessment should compare, in narrative form, the expected effect of the project on traffic volumes, vehicle mix, or routing of traffic and the associated changes in MSAT for the project alternatives, including no-build, based on VMT, vehicle mix, and speed. It should also discuss national trend data projecting substantial overall reductions in emissions due to stricter engine and fuel regulations issued by U.S. EPA. Because the emission effects of these projects typically are low, we expect there would be no appreciable difference in overall MSAT emissions among the various alternatives.

Examples of four types of projects: (1) a minor widening project; (2) a new interchange connecting an existing roadway with a new roadway; (3) a new interchange connecting new roadways; and (4) minor improvements or expansions to intermodal centers or other projects that affect truck traffic.

In addition to the qualitative assessment, a NEPA document for this category of projects must include a discussion of information that is incomplete or unavailable for a project specific assessment of MSAT impacts, in compliance with the Council on Environmental Quality (CEQ) regulations (40 CFR 1502.21(b)). This discussion should explain how current scientific techniques, tools, and data are not sufficient to accurately estimate human health impacts that could result from a transportation project in a way that would be useful to decision-makers. Also, in compliance with 40 CFR 1502.21(b), this discussion should contain information regarding the health impacts of MSAT.

3) Projects with Higher Potential MSAT Effects

This category includes projects that have the potential for meaningful differences in MSAT emissions among project alternatives. We expect a limited number of projects to meet this two-pronged test. To fall into this category, a project should:

- Create or significantly alter a major intermodal freight facility that has the potential to concentrate high levels of DPM in a single location, involving a significant number of diesel vehicles for new projects or accommodating a significant increase in the number of diesel vehicles for expansion projects; or
- Create new capacity or add significant capacity to urban highways such as interstates, urban arterials, or urban collector-distributor routes with traffic volumes where the AADT is projected to be in the range of 140,000 to 150,0005 or greater by the design year;
- Be proposed to be located in proximity to populated areas.

Projects falling within this category should be more rigorously assessed for impacts. If a project falls within this category, you should contact the Office of Natural Environment (HEPN) and the Office of Project Development and Environmental Review (HEPE) in FHWA Headquarters for assistance in developing a specific approach for assessing impacts. This approach would include a quantitative analysis to forecast local-specific emission trends of the priority MSAT for each alternative, to use as a basis of comparison. This analysis also may address the potential for cumulative impacts, where appropriate, based on local conditions. How and when cumulative impacts should be considered would be addressed as part of the assistance outlined above. The NEPA document for this project should also include relevant language on unavailable information described below.

If the analysis for a project in this category indicates meaningful differences in levels of MSAT emissions among alternatives, mitigation options should be identified and considered.

For the Build Alternative, the amount of MSAT emitted would be proportional to the VMT, assuming that other variables such as fleet mix are the same for each alternative. The VMT estimated for the Build Alternative is slightly higher than that for the No-Build Alternative, because the roadways new development attracts trips that would not otherwise occur in the area. Refer to Table 4-6. This increase in VMT means MSAT under the Build Alternatives would probably be higher than the No Build Alternative in the study area. There could also be localized differences in MSAT from indirect

effects of the project such as associated access traffic, emissions of evaporative MSAT (e.g., benzene) from parked cars, and emissions of DPM from delivery trucks (modify depending on the type and extent of the associated development). Travel to other destinations would be reduced with subsequent decreases in emissions at those locations.

For all Alternatives, emissions are virtually certain to be lower than present levels in the design year as a result of the U.S. EPA national control programs that are projected to reduce annual MSAT emissions by over 76 percent from 2020 to 2060 (Updated Interim Guidance on MSAT Analysis in NEPA Documents, FHWA, January 18, 2023). Local conditions may differ from these national projections in terms of fleet mix and turnover, VMT growth rates, and local control measures. However, the magnitude of the EPA-projected reductions is so great (even after accounting for VMT growth) that MSAT emissions in the study area are likely to be lower in the future than they are today.

4.3.5 For Incomplete or Unavailable Information

In FHWA's view, information is incomplete or unavailable to credibly predict the project-specific health impacts due to changes in MSAT emissions associated with a proposed set of highway alternatives. The outcome of such an assessment, adverse or not, would be influenced more by the uncertainty introduced into the process through assumption and speculation rather than any genuine insight into the actual health impacts directly attributable to MSAT exposure associated with a proposed action.

The U.S. EPA is responsible for protecting the public health and welfare from any known or anticipated effect of an air pollutant. They are the lead authority for administering the FCAA and its amendments and have specific statutory obligations with respect to hazardous air pollutants and MSAT. The U.S. EPA is in the continual process of assessing human health effects, exposures, and risks posed by air pollutants. They maintain the IRIS, which is "a compilation of electronic reports on specific substances found in the environment and their potential to cause human health effects" (U.S. EPA, https://www.epa.gov/iris/). Each report contains assessments of non-cancerous and cancerous effects for individual compounds and quantitative estimates of risk levels from lifetime oral and inhalation exposures with uncertainty spanning perhaps an order of magnitude.

Other organizations are also active in the research and analyses of the human health effects of MSAT, including the Health Effects Institute (HEI). A number of HEI studies are summarized in Appendix D of FHWA's Updated Interim Guidance on MSAT Analysis in NEPA Documents. Among the adverse health effects linked to MSAT compounds at high exposures are: cancer in humans in occupational settings; cancer in animals; and irritation to the respiratory tract, including the exacerbation of asthma. Less obvious are the adverse human health effects of MSAT compounds at current environmental concentrations (HEI Special Report 16, https://www.healtheffects.org/publication/mobile-source-air-toxics-critical-reviewliterature-exposure-and-health-effects) or in the future as vehicle emissions substantially decrease.

The methodologies for forecasting health impacts include emissions modeling; dispersion modeling; exposure modeling; and then final determination of health impacts – each step in the process builds on the model predictions obtained in the previous step. All are encumbered by technical shortcomings or uncertain science that prevents a more complete differentiation of the MSAT health impacts among a set of project alternatives. These difficulties are magnified for lifetime (i.e., 70-year) assessments, particularly because unsupportable assumptions would have to be made regarding changes in travel patterns and vehicle technology (which affects emissions rates) over that time frame since such information is unavailable.

It is particularly difficult to reliably forecast 70-year lifetime MSAT concentrations and exposure near roadways; to determine the portion of time that people are actually exposed at a specific location; and to establish the extent attributable to a proposed action, especially given that some of the information needed is unavailable.

There are considerable uncertainties associated with the existing estimates of toxicity of the various MSATs, because of factors such as low-dose extrapolation and translation of occupational exposure data to the general population, a concern expressed by HEI (Special Report 16, https://www.healtheffects.org/publication/mobile-source-air-toxicscritical-review-literature-exposure-and-health-effects). As a result, there is no national consensus on air dose-response values assumed to protect the public health and welfare for MSAT compounds, and in particular for diesel PM. The U.S. EPA states that with respect to diesel engine exhaust, "[t]he absence of adequate data to develop a sufficiently confident dose-response relationship from the epidemiologic studies has prevented the estimation of inhalation carcinogenic risk." (U.S. EPA IRIS database, Diesel Engine Exhaust, Section II.C. https://iris.epa.gov/static/pdfs/0642_summary.pdf).

There is also the lack of a national consensus on an acceptable level of risk. The current context is the process used by the U.S. EPA as provided by the FCAA to determine whether more stringent controls are required to provide an ample margin of safety to protect public health or to prevent an adverse environmental effect for industrial sources subject to the maximum achievable control technology standards (such as benzene emissions from refineries). The decision framework is a two-step process. The first step requires U.S. EPA to determine an "acceptable" level of risk due to emissions from a source, which is generally no greater than approximately 100 in a million. Additional factors are considered in the second step, the goal of which is to maximize the number of people with risks less than one in a million due to emissions from a source. The results of this statutory two-step process do not guarantee that cancer risks from exposure to air toxics are less than one in a million; in some cases, the residual risk determination could result in maximum individual cancer risks that are as high as approximately 100 in a million. In a June 2008 decision, the U.S. Court of Appeals for the District of Columbia Circuit upheld U.S. EPA's approach to addressing risk in its two-step decision framework. Information is incomplete or unavailable to establish that even the largest of highway projects would result in levels of risk greater than deemed acceptable (https://www.cadc.uscourts.gov/internet/opinions.nsf/284E23FFE079CD5985257800005 0C9DA/$file/07-1053-1120274.pdf).

Because of the limitations in the methodologies for forecasting health impacts described, any predicted difference in health impacts between alternatives is likely to be much smaller than the uncertainties associated with predicting the impacts. Consequently, the results of such assessments

would not be useful to decision makers, who would need to weigh this information against project benefits, such as reducing traffic congestion, accident rates, and fatalities plus improved access for emergency response, that are better suited for quantitative analysis (FHWA 2023).

4.3.6 Greenhouse Gas Emissions Analysis

Long-term Operational GHG Emissions

Long-term operational GHG emissions associated with the project would be associated with the operation of motor vehicles along area roadways. Motor vehicle operational emissions were quantified for existing, Opening Year 2030 and Design Year 2050 conditions. Emissions were quantified using the CT-EMFAC2021 version 1.0.2 computer program based, in part, on traffic data provided for this project and vehicle travel distances within the project area (Kimley Horn 2023a, 2025). Estimated annual operational mobile-source GHG emissions and traffic conditions for the project study area are summarized in Table 4-6.

As depicted in Table 4-6, existing mobile-source GHG emissions within the project study area total approximately 4,077.94 $MTCO_2e$/year. Under No-Build Alternative year 2030 and 2050 conditions, mobile-source GHG emissions within the project study area are predicted to total approximately 3,416.91 $MTCO_2e$/year and 2,964.77 $MTCO_2e$/year, respectively. In comparison to existing conditions, the No-Build Alternative would result in an approximately 16 percent decrease in mobile-source GHG emissions under 2030 conditions and an approximate 27 percent decrease under 2050 conditions. In comparison to existing conditions, the Build Alternative would result in an approximately 14 percent decrease in mobile-source GHG emissions under 2030 conditions and an approximate 25 percent decrease under 2050 conditions. In comparison to No-Build Alternative conditions, the proposed Build Alternative is predicted to increase mobile-source GHGs of approximately 3 percent under both 2030 and 2050 conditions. It is important to note that estimated emissions are based on vehicle travel within the project area. However, on a regional basis, implementation of the proposed build alternative is not anticipated to result in a significant increase in long-term VMT and associated mobile-source emissions (Kimley Horn 2023b, 2025).

Table 4-6. Summary of Comparative GHG Emissions & Traffic Conditions

Scenario/Analysis Year	Annual VMT[2]	Change in VMT (%)	$MTCO_2e$/Year[1] (% Change)
Existing Year 2023	11,370,149	N/A	4,077.94
No-Build Alternative – Opening Year 2030	11,830,965	N/A	3,416.91
No-Build Alt. 2030 Compared to Existing:		460,816 (4 %)	-661.03 (-16 %)
Build Alternative – Opening Year 2030	12,127,650	N/A	3,502.97
Build Alt. Compared to Existing:		757,501 (7 %)	-574.98 (-14 %)
Build Alt. Compared to No-Build Alt. 2030:		296,685 (3 %)	86.06 (3 %)
No-Build Alternative – Design Year 2050	12,535,722	N/A	2,964.77
No-Build Alt. 2050 Compared to Existing:		1,165,573 (10 %)	-1,113.18 (-27 %)
Build Alternative – Design Year 2050	12,860,514	N/A	3,039.72
Build Alt. 2050 Compared to Existing:		1,490,365 (13 %)	-1,038.22 (-25 %)
Build Alt. 2050 Compared to No-Build Alt. 2050:		324,792 (3 %)	74.95 (3 %)

VMT = vehicle miles traveled $MTCO_2e$ = metric tons of carbon dioxide equivalents N/A = not applicable
1. Emissions were quantified using EMFAC2021 emission factors and traffic data provided for this project and vehicle travel distances within the project area.
2. Annual VMT is derived from Daily VMT multiplied by 347. ARB methodology (ARB 2008)
Refer to Appendix E for emission modeling assumptions and results.
Note: Opening Year 2030 traffic is considered to be a conservative estimation of year 2027 traffic data (Kimley Horn 2024)

It is also important to note that predicted GHG emissions can vary depending on multiple factors, such as fuel mix (including additives like ethanol and the source of the fuel components), rate of acceleration, and the aerodynamics and efficiency of the vehicles. However, the estimated GHG emissions are useful for comparison purposes. It is also important to note that the project area is not located in an area that is considered directly vulnerable to projected future sea level rise.

Senate Bill 1 Section 2030(e) directs Caltrans "To the extent deemed cost effective, and where feasible, in the context of both the project scope and the risk level for the asset due to global climate change to better adapt the asset to withstand the negative effects of climate change and make the asset more resilient to impacts such as fires, floods, and sea level rise."

Construction GHG Emissions

Construction GHG emissions are predominantly associated with emissions generated by motorized off-road equipment and on-road vehicles, including material transport trips and employees traveling to and from the project area. The emissions generated would vary depending on multiple factors, such as the type and number of equipment required and hours of use. GHG emissions can be reduced by using cleaner, more efficient equipment and by implementing traffic management during construction phases to minimize associated vehicle delays on area roadways. The project would comply with applicable state, federal, and/or local rules and regulations developed as a result of implementing control and mitigation measures proposed as part of their respective SIPs.

Emissions modeling was conducted using CalEEMod based on off-road equipment requirements and estimated areas to be paved provided by the project engineer. All other construction activity assumptions, including on-road vehicle travel distances, were based on the default parameters contained in the model. The emissions presented are based on the best information available at the time of calculations. Construction-generated GHG emissions are summarized in Table 4-7. Emissions modeling assumptions and results are included in Appendix E.

Construction of the Build Alternative would occur over an approximately 12-month period. Construction would generate a total of approximately 505.5 $MTCO_2e$ in 2030 and approximately 217.8 $MTCO_2e$ in 2031. In total, construction of the project would generate approximately 723.3 $MTCO_2e$. The project would be required to comply with all applicable rules and regulations for the control of construction-generated emissions, including ARB's emission-reduction requirements and idling limitations for construction equipment and vehicles. These measures would result in reductions in construction-generated GHG emissions. In addition, with innovations such as longer pavement lives, improved traffic management plans, and changes in materials, the GHG emissions produced during construction can be further mitigated, to some degree, by longer intervals between

maintenance and rehabilitation events. These measures would reduce project-generated increases in GHGs.

Table 4-7. Construction-Generated GHG Emissions

Construction Phase	$MTCO_2e$
Land Clearing/ Grubbing (Year 2030)	14.9
Grading/Excavation (Year 2030)	490.6
Grading/Excavation (Year 2031)	25.2
Drainage/Utilities/Sub-Grade (Year 2031)	147.2
Paving (Year 2031)	45.4
Maximum/Phase:	490.6
Project Total – Year 2030:	505.5
Project Total – Year 2031:	217.8
Project Total – Years 2030 & 2031:	723.3

$MTCO_2e$ = metric tons of carbon dioxide equivalents
Construction GHG emissions were estimated using CalEEMod, Version 2022.1.1.30. Refer to Appendix E for emissions modeling assumptions and results.

5. Minimization Measures

5.1 Construction

Construction of the project would be required to comply with all applicable laws and regulations related to air quality, including air pollution control district and air quality management district regulations and local ordinances. The project would comply with all applicable VCAPCD rules and regulations including, but not limited to, Rule 55 for the control of fugitive dust, Rule 62.7 for the control of asbestos-containing material (ACM), and Rule 74.4, which prohibits the use of cutback asphalt. The project would also be required to comply with ARB's *In-Use Off-Road Diesel-Fueled Fleets Regulation* and idling limitations for construction equipment and vehicles. In addition, all trucks that are to haul excavated or graded material on site would be required to comply with State Vehicle Code Section 23114 regarding the prevention of material spilling onto public streets and roads.

Compliance with applicable rules and regulations would reduce air quality impacts resulting from construction activities. As noted above, the project would be required to comply with all applicable laws and regulations related to air quality, which would include applicable local and state regulations, such as ARB's *In-Use Off-Road Diesel-Fueled Fleets Regulation* for the reduction of DPM. A significant portion of DPM is comprised of black carbon, which is considered a major short-lived contributor to climate change. Compliance with ARB's *In-Use Off-Road Diesel-Fueled Fleets Regulation* would reduce construction-generated GHGs and related impacts to climate change.

6. Conclusions

As previously noted, construction of the project would occur over an approximately 12-month period. Construction of the Build Alternative would be short-term occurring over an estimated 12-month period. Construction of the proposed Build Alternative would generate maximum daily emissions of approximately 3.2 lbs/day of ROG, 38.3 lbs/day of CO, 24.0 lbs/day of NO_X, 8.2 lbs/day of PM_{10}, and 1.7 lbs/day of $PM_{2.5}$. Total emissions generated during construction would be approximately 0.3 tons of ROG, 3.6 tons of CO, 2.3 tons of NO_X, 1.0 tons of PM_{10}, and 0.2 tons of $PM_{2.5}$. (refer to Table 4-1). Construction-generated GHG emissions for the proposed Build Alternative would total approximately 723.3 $MTCO_2e$ (refer to Table 4-7). Other construction-related impacts, including exposure to lead, asbestos, and MSATs would be negligible. It is important to note that the construction of the project would be required to comply with Caltrans' Standard Specifications, as well as VCAPCD rules and regulations. Compliance with these requirements would reduce any air quality impacts resulting from construction activities.

In comparison to the No-Build Alternative, the Build Alternative is predicted to result in an approximately 3 percent increase in mobile-source emissions for $PM_{2.5}$, PM_{10}, NO_X, CO, and ROG relative to Opening Year 2030 and Design Year 2050 conditions (refer to Table 4-2). In comparison to existing conditions, the Build Alternative would result in an approximately 14 percent decrease in mobile-source GHG emissions under 2030 conditions and an approximate 25 percent decrease under 2050 conditions. In comparison to the No-Build Alternative, the Build Alternative is predicted to result in an approximately 3 percent increase of mobile-source GHG emissions for both Opening Year 2030 and Design Year 2050 conditions (refer to Table 4-6).

The project's design, concept, and scope have not changed significantly from what was analyzed in the regional emission analysis prepared for the federally approved SCAG 2024-2050 RTP/SCS Amendment #1 and the 2025 FTIP Amendment #25-12. The air quality conformity analysis prepared for these plans found that the plans, which consider regionally significant projects and financial constraints, would conform to the SIP(s) for attaining and maintaining the NAAQS as provided in Section 176(c) of the FCAA. FHWA determined that the SCAG 2024-2050 RTP/SCS Amendment #1 to conform to the SIP on December 16, 2024. and the 2025 FTIP Amendment #25-12 to conform to the SIP on August 19, 2025. In addition, the proposed Build Alternative would not contribute to existing or projected future mobile-source CO concentrations that would be projected to exceed federal or state CO standards.

7. References

California Air Resource Board (ARB 2008) Climate Change Draft Scoping Plan: Measure Documentation Supplement. Accessed November 6, 2019. url: https://ww3.arb.ca.gov/cc/scopingplan/document/measure_documentation.pdf

California Air Resource Board (ARB 2021). March 2021. EMFAC2021 Volume II – Handbook for Project-Level Analysis. url: https://ww2.arb.ca.gov/sites/default/files/2021-03/emfac2021_volume_2_pl_handbook.pdf.

California Air Resource Board (ARB 2024). Accessed April 2024. iADAM: Air Quality Data Statistics. url: https://www.arb.ca.gov/adam/index.html

California Department of Transportation (Caltrans). 2012. Near-Road Nitrogen Dioxide Assessment. Final report, CTAQ-RT-12-270.09.02.

California Department of Transportation (Caltrans). 2023. Standard Specifications. Prepared by the State of California Department of Transportation. Available at

https://dot.ca.gov/-/media/dot-media/programs/design/documents/2023_stdspecs-a11y.pdf

City of Ventura. August 8, 2005. *Achieving the Vision, 2005 Ventura General Plan*. Available at http://www.cityofventura.net/files/file/comm-develop/General%20Plan/General%20Plan.pdf

County of Ventura. January 2021. *Preliminary Enviornmental Study HIPL-5952(215)*.

Federal Highway Administration (FHWA). Januaray 2023. Updated Interim Guidance Update On Mobile Source Air Toxic Analysis In NEPA Documents. Available at https://www.fhwa.dot.gov/environMent/air_quality/air_toxics/policy_and_guidance/msat/.

Federal Highway Administration (FHWA). 2022. Sustainability. https://www.fhwa.dot.gov/environment/sustainability/resilience/. Last updated July 29, 2022. Accessed: November 2, 2022.

Garza V., Graney P., Sperling D., Niemeier D., Eisinger D., Kear T., and Chang D. 1997. Transportation project-level carbon monoxide protocol revised. Prepared for Environmental Program California Department of Transportation by the Institute of Transportation Studies, University of California, Davis, UCD-ITS-RR-97-21, December. Available at http://www.dot.ca.gov/hq/env/air/pages/coprot.htm.

Iowa State University (ISU). Accessed: April 2024. Iowa Environmental Mesonet. Website url: https://mesonet.agron.iastate.edu/.

Kimley Horn. November 2023a. *Hueneme Road Widening Project: Traffic Impact Study*.

Kimley Horn. October 12, 2023b. Vehicle Miles Traveled Analysis in Support of Environmental Services *Hueneme Road Widening Federal Project HIPL-5952(215).*

Kimley Horn. September 25, 2024. Personal communication with Kurt Legleiter.

Kimley Horn. August 15, 2025. *Traffic Impact Study Addendum. Hueneme Road Widening, Federal Project HIPL-5952(215).*

National Highway Traffic Safety Administration (NHTSA). 2022. USDOT Announces New Vehicle Fuel Economy Standards for Model Year 2024–2026. Press release. April 21. https://www.nhtsa.gov/press-releases/usdot-announces-new-vehicle-fuel-economy-standards-model-year-2024-2026. Accessed: November 2, 2022.

Southern California Association of Governments (SCAG). April 2024. *Connect SoCal (2024-2050 Regional Transportation Plan/Sustainable Communities Strategy).* Avaliable at: https://scag.ca.gov/connect-socal.

Southern California Association of Governments (SCAG). Accessed June 2023. *Federal Transportation Improvement Plan.* Website url: https://scag.ca.gov/2023-ftip.

U.S. Environmental Protection Agency (U.S. EPA). 1995. Compilation of air pollutant emission factors, AP-42. Vol. 1: stationary point and area sources. 5th ed. (January 1995). Report prepared by the Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency, Research Triangle Park, NC. Available at http://www.epa.gov/ttnchie1/ap42/.

U.S. Environmental Protection Agency (U.S. EPA). 2021. Transportation conformity guidance for quantitative hot-spot analyses in $PM_{2.5}$ and PM_{10} nonattainment and maintenance areas. Prepared by the U.S. EPA Office of Transportation and Air Quality, Transportation and Climate Division, EPA-420-B-15-084, November. Available at https://www.epa.gov/state-and-local-transportation/project-level-conformity-and-hot-spot-analyses#pmguidance.

U.S. Environmental Protection Agency (U.S. EPA). 2022a. Final Rule to Revise Existing National GHG Emissions Standards for Passenger Cars and Light Trucks Through Model Year 2026. December. https://www.epa.gov/regulations-emissions-vehicles-and-engines/final-rule-revise-existing-national-ghg-emissions. Accessed: November 2, 2022.

U.S. Environmental Protection Agency (U.S. EPA). Accessed: December 2024. *Nonattainment Areas for Criteria Pollutants (Green Book).* Website url: https://www.epa.gov/green-book.

Ventura County Air Pollution Control District (VCAPCD). October 2003. *Ventura County Air Quality Assessment Guidelines*. Available at: http://www.vcapcd.org/pubs/Planning/VCAQGuidelines.pdf

Ventura County Air Pollution Control District (VCAPCD). Accessed: August 17, 2022. *Air Quality Standards*. Available at: http://www.vcapcd.org/air_quality_standards.htm.

Ventura County Air Pollution Control District (VCAPCD). Accessed: August 17, 2025. *Asbestos Notification*. Website url: https://www.vcapcd.org/asbestos/.

Western Regional Climate Center (WRCC). Accessed: April 17, 2024. *Climate Summaries*. Available at: http://www.wrcc.dri.edu/climate-summaries/.

8. Appendices

Appendix A: RTP and TIP Listings for the Project and FHWA Conformity Determination

U.S. Department of Transportation
Federal Highway Administration

California Division

650 Capitol Mall, Suite 4-100
Sacramento, CA 95814
(916) 498-5001
(916) 498-5008 (FAX)

May 10, 2024

In Reply Refer To:
HDA-CA

Mr. Kome Ajise, Executive Director
Southern California Association of Governments
900 Wilshire Blvd., Ste. 1700
Los Angeles, CA 90017

SUBJECT: Conformity Determination for SCAG's Connect SoCal 2024 (2024-2050 Regional Transportation Plan/Sustainable Communities Strategy)

Dear Mr. Ajise:

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have completed our review of the conformity determination for the Southern California Association of Governments' (SCAG) SCAG's Connect SoCal 2024 (2024-2050 Regional Transportation Plan/Sustainable Communities Strategy). An FTA/FHWA air quality conformity determination is required for the new 2024 RTP/SCS pursuant to the Environmental Protection Agency's (EPA) *Transportation Conformity Rule*, 40 Code of Regulations (CFR) Parts 51 and 93, and the United States Department of Transportation's *Final Rule on Statewide and Metropolitan Planning*, 23 CFR Part 450.

On April 4, 2024, SCAG adopted Connect SoCal 2024 and the associated Consistency Amendment No. 23-26 to the 2023 FTIP via Resolution 24-664-2. The conformity analysis given by SCAG indicates all air quality conformity requirements have been met. Based on our review, and after consultation with the EPA Region 9 office, we find that Connect SoCal 2024 conforms to the applicable State Implementation Plan (SIP) in accordance with the provisions of 40 CFR Parts 51 and 93. This conformity determination will remain in effect for four (4) years from the date of this letter and replaces the previous determination. In accordance with the December 15, 2014, *Memorandum of Understanding (MOU) between the Federal Highway Administration, California Division, and the Federal Transit Administration, Region IX*, the FTA has agreed with this conformity determination, and a single signature constitutes FHWA and FTA's joint air quality conformity determination for SCAG's 2024 RTP/SCS. If you have questions on this conformity finding, please contact Michael Morris of the FHWA California Division's Cal-South office at (213) 894-4014, or by email at michael.morris@dot.gov..

Sincerely,

Antonio D. Johnson
Director of Planning, Environment,
& Right of Way
Federal Highway Administration

cc: (email)
Johnson, Antonio (FHWA) antonio.johnson@dot.gov
Tellis, Ray (FTA) Ray.Tellis@dot.gov
Acebo, Mervin (FTA) mervin.acebo@dot.gov
Morris, Michael (FHWA) Michael.Morris@dot.gov
Oconnor, Karina (EPA) OConnor.Karina@epa.gov
Dorantes, Michael (EPA) Dorantes.Michael@epa.gov
Walter, Hannah (Caltrans) Hannah.Walter@dot.ca.gov
Robinson, Keri (Caltrans) Keri.Robinson@dot.ca.gov
Thompson, Erin (Caltrans) Erin.Thompson@dot.ca.gov
Le, Kien (Caltrans) kien.le@dot.ca.gov
Caruso, Brenda(Caltrans) Brenda.H.Caruso@dot.ca.gov
Espinosa Araiza, Erika (Caltrans) Erika.Espinosa.Araiza@dot.ca.gov
Tavitas, Rodney (Caltrans) rodney.tavitas@dot.ca.gov

Table 1. FTIP Projects

COUNTY	SYSTEM	FTIP ID	ROUTE	LEAD AGENCY	PROJECT DESCRIPTION	PROJECT COST ($1,000's)
VENTURA	LOCAL	VEN210606		VENTURA COUNTY	EL RIO PEDESTRIAN IMPROVEMENT AND SAFE ROUTE TO SCHOOL PROJECT: INSTALL SIDEWALKS, CURBS, GUTTERS, WATER-RETENTION AREAS, CURB EXTENSIONS, RRFBS, AND INTERSECTION IMPROVEMENTS, FOR SRTS AND DISADVANTAGED COMMUNITY.	$6,960
VENTURA	LOCAL	VEN210603		VENTURA COUNTY	VENTURA AVENUE PEDESTRIAN AND BIKE LANE IMPROVEMENTS: CONSTRUCT 1,135 FEET OF SIDEWALK ON EAST SIDE OF VENTURA AVE; 1580 FEET OF CLASS II BIKE LANES ON WEST SIDE; 1580 FEET OF CLASS III BIKE LANES ON EAST SIDE; ACCESS RAMPS; TRAFFIC CALMING MEASURES.	$957
VENTURA	LOCAL	VEN011202		VENTURA COUNTY	HUENEME RD FROM OXNARD CITY LIMITS TO RICE RD - WIDEN FROM 2 TO 4 LANES (PHASE I)	$18,318
VENTURA	LOCAL	VEN230901		VENTURA COUNTY	IN VENTURA COUNTY, IN THE COMMUNITY OF PIRU, INSTALL SIDEWALKS, CURBS, GUTTERS, CURB EXTENSIONS, RRFB AND INTERSECTION IMPROVEMENTS FOR SAFE ROUTES TO SCHOOL AND A DISADVANTAGED COMMUNITY, AT LOCATIONS INCLUDING MAIN STREET, CENTER STREET, CHURCH STREET, CAMULOS STREET, MARKET STREET, AND VIA FUSTERO.	$3,450
VENTURA	LOCAL	VEN230702		VENTURA COUNTY TRANS COMMISSION (VCTC)	IN VENTURA COUNTY, INSTALLATION OF TWO EV CHARGERS AT CAMARILLO, OXNARD, AND E. VENTURA RAIL STATION FOR A TOTAL OF 6 CHARGERS.	$60
VENTURA	LOCAL	VEN93017		VENTURA COUNTY TRANS COMMISSION (VCTC)	REGIONAL RIDESHARE PROGRAM FOR 22/23, 23/24, 24/25 & 25/26. TOLL CREDITS IN THE AMOUNT OF $51 PER YEAR FOR 22/23, & 25/26, AND $102 FOR FY 23/24.	$1,772
VENTURA	STATE	VEN991226	1	CALTRANS	THE ADAPTATION PLANNING STUDY WILL CONTRIBUTE TO ADVANCING A CLIMATE RESILIENT PLANNING APPROACH FOR THE STATE ROUTE 1 CORRIDOR ALONG RINCON PARKWAY IN VENTURA COUNTY. THE STUDY WILL INCLUDE A ROBUST TECHNICAL ANALYSIS OF EXISTING AND ANTICIPATED CLIMATE CHANGE IMPACTS IN THE LOCATION, ANALYZE VARIOUS CLIMATE CHANGE ADAPTATION OPTIONS FOR THE TRANSPORTATION SYSTEM, WITH A FOCUS ON SHORELINE MODELING AND WAVE RUNUP STUDIES (AND OTHER TECHNICAL AREAS AS REQUIRED BY THE COASTAL COMMISSION).	$680
VENTURA	STATE	VENLS02		CALTRANS	GROUPED PROJECTS LISTING FOR PAVEMENT RESURFACING AND/OR REHABILITATION ON THE STATE HIGHWAY SYSTEM - ROADWAY PRESERVATION PROJECTS (PROJECTS CONSISTENT W/40CFR PART 93.126 EXEMPT TABLES 2 & 3 CATEGORIES - PAVEMENT RESURFACING AND/OR REHABILITATON)	$195,650
VENTURA	STATE	VENLS10		CALTRANS	GROUPED PROJECTS FOR EMERGENCY REPAIR - SHOPP EMERGENCY RESPONSE PROGRAM SCOPE: PROJ CONSISTENT W/ 40 CFR PART 93.126 EXEMPT TABLES 2 CATEGORIES - REPAIR DAMAGE CAUSED BY NATURAL DISASTERS, CIVIL UNREST, OR TERRORIST ACTS. THIS APPLIES TO DAMAGES THAT DON'T QUALIFY FOR FED EMER RELIEF FUNDS OR TO DAMAGES THAT QUALIFY FOR FED EMER RELIEF FUNDS BUT EXTEND BEYOND THE FED-DECLARED DISASTER PERIOD.	$58,273
VENTURA	STATE	VENLS08		CALTRANS	GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - SHOPP MANDATES PROGRAM (SCOPE: PROJ CONSISTENT W/ 40 CFR PART 93.126 EXEMPT TABLES 2 &3 CAT - RR/HWY XING, SAFER NON-FED-AID SYSTEM RDS, SHOULDER IMPR, TRAFFIC CONTROL DEVICES & OPER ASSISTANCE OTH THAN SIGNALIZATION PROJ, INTERSECTION SIGNALIZATION PROJ AT INDIVID INTERSECTIONS, PAVEMENT MARKING DEMO, TRUCK CLIMBING LANES OUTSIDE URBANIZED AREA, LIGHTIN	$82,250
VENTURA	STATE	VENLS03		CALTRANS	GROUPED PROJECTS FOR BRIDGE REHABILITATION AND RECONSTRUCTION - SHOPP PROGRAM COPE: PROJECTS ARE CONSISTENT WITH 40 CFR PART 93.126 EXEMPT TABLES 2 CATEGORIES - WIDENING NARROW PAVEMENTS OR RECONSTRUCTING BRIDGES (NO ADDITIONAL TRAVEL LANES).	$110,889

Table 2. Financially Constrained Projects

COUNTY	SYSTEM	LEAD AGENCY	RTP ID	ROUTE #	ROUTE NAME	FROM	TO	DESCRIPTION	COMPLETION YEAR	PROJECT COST ($1,000'S)
VENTURA	LOCAL HIGHWAY	VENTURA COUNTY	5A0719		SANTA CLARA AVENUE WIDENING IMPROVEMENT	N/O OXNARD CITY LIMITS	SR 118	WIDEN FROM TWO TO FOUR LANES (FROM 1 TO 2 LANES EACH DIRECTION)	2034	$130,000
VENTURA	LOCAL HIGHWAY	VENTURA COUNTY	5A0720					HARBOR BOULEVARD - WIDEN APPROXIMATELY 1.99 MILES OF ROADWAY FROM TWO TO FOUR LANES FROM OXNARD CL TO VENTURA CL (MILEAGE INCLUDES 545.6 FOOT BRIDGE OVER SANTA CLARA RIVER)	2034	$130,000
VENTURA	LOCAL HIGHWAY	VENTURA COUNTY	5A0721		PLEASANT VALLEY ROAD WIDENING IMPROVEMENT	DODGE RD	LAS POSAS ROAD	WIDEN FROM TWO TO FOUR LANES (TOTAL OF BOTH DIRECTIONS)	2034	$596,123
VENTURA	LOCAL HIGHWAY	VENTURA COUNTY	5A0722		VICTORIA AVENUE WIDENING IMPROVEMENT - A	GONZALES ROAD	VENTURA CITY LIMITS	WIDEN FROM FOUR LANES TO SIX LANES (TOTAL OF BOTH DIRECTIONS -INCLUDING BRIDGE)	2031	$16,500
VENTURA	LOCAL HIGHWAY	VENTURA COUNTY	VEN011202		HUENEME RD.	OXNARD CL	RICE RD	HUENEME RD FROM OXNARD CITY LIMITS TO RICE RD - WIDEN FROM 2 TO 4 LANES (PHASE I)	2027	$18,319
VENTURA	LOCAL HIGHWAY	VENTURA COUNTY	VEN170109					HUENEME ROAD FROM RICE ROAD TO LAS POSAS ROAD - WIDEN 3.66 ROAD MILES TO FOUR LANES (PE ONLY)	2035	$3,400
VENTURA	LOCAL HIGHWAY	VENTURA COUNTY TRANS COMMISSION (VCTC)	VEN93017					REGIONAL RIDESHARE PROGRAM FOR 18/19, 19/20, 20/21 AND 21/22. TOLL CREDITS IN THE AMOUNT OF $51 PER YEAR FOR 18/19, 19/20, 20/21, AND 21/22.	2027	$1,772
VENTURA	LOCAL HIGHWAY	VENTURA COUNTY TRANSPORTATION COMMISSION (VCTC)	5AL04		MISC. ARTERIAL IMPROVEMENTS (NON-CAPACITY)	COUNTYWIDE	COUNTYWIDE	MISC. ARTERIAL IMPROVEMENTS (NON-CAPACITY)	2039	$129,409
VENTURA	LOCAL HIGHWAY	VENTURA COUNTY TRANSPORTATION COMMISSION (VCTC)	5AL07		ARTERIAL IMPROVEMENTS	COUNTYWIDE	COUNTYWIDE	ARTERIAL IMPROVEMENTS LUMP SUM	2040	$467,179
VENTURA	LOCAL HIGHWAY	VENTURA COUNTY TRANSPORTATION COMMISSION (VCTC)	5GL04		GRADE SEPARATION	COUNTYWIDE	COUNTYWIDE	GRADE SEPARATION IMPROVEMENTS	2031	$147,271
VENTURA	LOCAL HIGHWAY	VENTURA COUNTY TRANSPORTATION COMMISSION (VCTC)	5N011		ALONG SP BRANCH RAIL LINE	MONTALVO	LOS ANGELES COUNTY LINE	SANTA PAULA BRANCH LINE MULTIUSE PATH (CLASS I BIKE PATH)	2030	$48,618

2025 Federal Transportation Improvement Program
Ventura County
Local Highway - Project Listing
Including Amendments 1 - 9
(In $000`s)

PHASE	FUND SOURCE	PRIOR	24/25	25/26	26/27	27/28	28/29	29/30	FUTURE	TOTAL
CON	AGENCY	$118	$174	$339	$0	$0	$6,905	$0	$0	$7,536
CON	BRIDGE - LOCAL	$841	$924	$2,620	$0	$0	$43,437	$0	$0	$47,822
TOTAL	TOTAL	$959	$1,098	$2,959	$0	$0	$50,342	$0	$0	$55,358

FTIP ID	LEAD AGENCY	COUNTY	CONFORM CATEGORY	AIR BASIN	PROJECT COST	RTP ID	SYSTEM
VEN011202	VENTURA COUNTY	Ventura	NON-EXEMPT	SCCAB	$18,318	VEN011202	Local

PRIMARY PROGRAM CODE	PROJECT LIMITS	MODELING	FTIP AMENDMENT
CAY63 - HIGHWAY/ROAD IMP - LANE ADD'S (NO HOV LANES): GM	From OXNARD CITY LIMIT to RICE ROAD	YES	25-00

SCAG_APPROVED	STATE_APPROVED	FEDERAL_APPROVED
09/05/2024	11/15/2024	

DESCRIPTION

HUENEME RD FROM OXNARD CITY LIMITS TO RICE RD - WIDEN FROM 2 TO 4 LANES (PHASE I)

PHASE	FUND SOURCE	PRIOR	24/25	25/26	26/27	27/28	28/29	29/30	FUTURE	TOTAL
PE	COUNTY	$1,055	$0	$0	$0	$0	$0	$0	$0	$1,055
PE	HIGHWAY INFRASTRUCTURE	$1,172	$0	$0	$0	$0	$0	$0	$0	$1,172
PE	PRIVATE FUNDS	$0	$0	$0	$0	$1,698	$0	$0	$0	$1,698
ROW	PRIVATE FUNDS	$0	$0	$0	$0	$910	$0	$0	$0	$910
CON	PRIVATE FUNDS	$0	$0	$0	$0	$13,483	$0	$0	$0	$13,483
TOTAL	TOTAL	$2,227	$0	$0	$0	$16,091	$0	$0	$0	$18,318

SCAG. Accessed: August 20, 2025. 2025 FTIP, Amendments 1-9, Project Listing. https://scag.ca.gov/sites/default/files/2025-06/25FTIP_LocalAmend25-01-09VEN.pdf

Table 1. Modifications to FTIP Projects

#	COUNTY	LEAD AGENCY	FTIP ID	RTP ID	SYSTEM	ROUTE #	DESCRIPTION	COMPLETION YEAR	PROJECT COST ($1,000's)	FISCAL IMPACT	REASON FOR AMENDMENT
301	SAN BERNARDINO	VICTOR VALLEY TRANSIT AUTHORITY	200086	200086	TRANSIT		BUS SYSTEM - PASSENGER FACILITIES. FY16 - 10 SHELTERS/BENCHES/AMENITIES; FY17 - 12 SHELTERS/BENCHES; FY19 - 9 SHELTERS/BENCHES AND AMENITIES	EXISTING: 2023 REVISED: 2025	$1,622		SCHEDULE UPDATE
302	SAN BERNARDINO	CHINO	200202	200202	LOCAL HIGHWAY		IN CHINO - ON CHINO AVENUE FROM MONTE VISTA TO SIXTH STREET-WIDEN EXISTING 2 LANES TO 4 LANES AND INSTALL SIGNAL AT INTERSECTION OF CHINO AVE. AND MONTE VISTA	EXISTING: 2027 REVISED: 2032	$584		SCHEDULE UPDATE
303	SAN BERNARDINO	REDLANDS	200419	200419	LOCAL HIGHWAY		EXISTING: ALABAMA STREET WIDENING - WIDEN FROM 2-4 LANES FROM NORTH CITY LIMITS TO PALMETTO REVISED: ALABAMA STREET WIDENING - WIDEN FROM 2-4 LANES FROM NORTH CITY LIMITS TO 3,000 FT. NORTH PALMETTO	EXISTING: 2025 REVISED: 2027	$7,200		SCOPE AND SCHEDULE UPDATE
304	SAN BERNARDINO	ONTARIO	200602	200602	STATE HIGHWAY	60	SR 60 AND VINEYARD AVE. INTERCHANGE RECONSTRUCTION-LENGTHEN BRIDGE TO ACOMMODATE VINEYARD AVE WIDENING AND RAMP WIDENING 4-6 LANES	EXISTING: 2025 REVISED: 2027	$7,621		SCHEDULE UPDATE
305	VENTURA	CAMARILLO	VEN051211	5A0721	LOCAL HIGHWAY		IN CAMARILLO ON LAS POSAS ROAD FROM VENTURA BLVD TO PLEASANT VALLEY ROAD WIDEN FROM 4 TO 6 LANES.	EXISTING: 2030 REVISED: 2031	$10,521		SCHEDULE UPDATE
306	VENTURA	VARIOUS AGENCIES	VEN54032	VEN54032	LOCAL HIGHWAY		GROUPED PROJECTS FOR PAVEMENT RESURFACING AND/OR REHABILITATION LOCAL STREETS & ROADS SCOPE: PROJECTS ARE CONSISTENT WITH 40 CFR PART 93.126 EXEMPT TABLES 2 CATEGORIES - PAVEMENT RESURFACING AND/OR REHABILITATION, EMERGENCY RELIEF (23 U.S.C. 125), WIDENING NARROW PAVEMENTS OR RECONSTRUCTING BRIDGES (NO ADD TRAVEL LANES) TOLL CREDITS WILL BE USED FOR STPL.	2024	EXISTING: $14,328 REVISED: $2,082	COST DECREASE	COST UPDATE
307	VENTURA	VENTURA COUNTY	VEN170105	5A0708	LOCAL HIGHWAY		HARBOR BOULEVARD AT GONZALES ROAD - ADD 2ND SOUTHBOUND THROUGH LANE AND 2ND NORTHBOUND THROUGH LANE.	2032	$2,560	COST REMOVAL	DELETED PROJECT
308	VENTURA	VENTURA COUNTY	VEN170110	5A0720	LOCAL HIGHWAY		HARBOR BOULEVARD - WIDEN APPROXIMATELY 1.99 MILES OF ROADWAY FROM TWO TO FOUR LANES FROM OXNARD CL TO VENTURA CL (MILEAGE INCLUDES 545.6 FOOT BRIDGE OVER SANTA CLARA RIVER)	EXISTING: 2034 REVISED: 2037	EXISTING: $130,000 REVISED: $131,630	COST INCREASE	SCHEDULE AND COST UPDATE
309	VENTURA	VENTURA COUNTY	VEN011202	VEN011202	LOCAL HIGHWAY		HUENEME RD FROM OXNARD CITY LIMITS TO RICE RD - WIDEN FROM 2 TO 4 LANES (PHASE I)	EXISTING: 2027 REVISED: 2031	$18,318		SCHEDULE UPDATE
310	VENTURA	VENTURA COUNTY	VEN170109	VEN170109	LOCAL HIGHWAY		HUENEME ROAD FROM RICE ROAD TO LAS POSAS ROAD - WIDEN 3.66 ROAD MILES TO FOUR LANES	EXISTING: 2035 REVISED: 2038	EXISTING: $3,400 REVISED: $19,518	COST INCREASE	SCHEDULE AND COST UPDATE
311	VENTURA	VENTURA COUNTY TRANS COMMISSION (VCTC)	VEN93017	VEN93017	LOCAL HIGHWAY		REGIONAL RIDESHARE PROGRAM FOR 18/19, 19/20, 20/21 AND 21/22. TOLL CREDITS IN THE AMOUNT OF $51 PER YEAR FOR 18/19, 19/20, 20/21, AND 21/22.	2027	EXISTING: $1,772 REVISED: $1,329	COST DECREASE	COST UPDATE
312	VENTURA	CAMARILLO	VEN031226	VEN031226	STATE HIGHWAY	101	IN CAMARILLO ROUTE 101 AT PLEASANT VALLEY ROAD IMPROVE INTERSECTION WITH SOUTHBOUND RAMPS - WIDEN ONRAMP ENTRANCE FROM 1 TO 2 LANES	EXISTING: 2032 REVISED: 2033	EXISTING: $3,000 REVISED: $4,308	CONST INCREASE	SCHEDULE AND COST UPDATE
313	VENTURA	CAMARILLO	VEN051210	VEN051210	STATE HIGHWAY	101	IN CAMARILLO RECONFIGURE CENTRAL AVENUE / ROUTE 101 INTERCHANGE (INCLUDES CENTRAL AVE BRIDGE WIDENING FROM 1 TO 2 LANES EACH DIRECTION)	EXISTING: 2032 REVISED: 2031	$50,000		SCHEDULE UPDATE

VEN011202	VEN011202	LOCAL HIGHWAY		HUENEME RD FROM OXNARD CITY LIMITS TO RICE RD - WIDEN FROM 2 TO 4 LANES (PHASE I)

SCAG. Accessed: August 20, 2025. Connect SoCal 2024, Amendment 1, Project List. https://scag.ca.gov/sites/default/files/2024-09/24-2987-final-amendment-01-connect-socal-2024.pdf

Appendix B: Ambient Air Quality Monitoring Data

Monitor Values Report

Geographic Area: Ventura County, CA
Pollutant: Ozone
Year: 2023
Exceptional Events: Included (if any)

First Max 8hr	Second Max 8hr	Third Max 8hr	Fourth Max 8hr	Days 8hr Max >STD	Required Days 8hr	Valid Days 8hr	Percent Days 8hr	First Max 1hr	Second Max 1hr	Days 1hr Max >STD	Est Days 1hr Max >STD	Required Days 1hr	Valid Days 1hr	Missing Days 1hr	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
0.07	0.068	0.068	0.068	0	365	360	99	0.085	0.081	0	0	365	363	2	None	1	061110007	2323 Moorpark Road, Thousand Oaks, Ca 91360	Thousand Oaks	Ventura	CA	09
0.07	0.068	0.066	0.066	0	365	361	99	0.089	0.081	0	0	365	362	1	None	1	061110009	3301 Pacific Avenue, Piru, Ca 93040	Piru	Ventura	CA	09
0.068	0.067	0.066	0.065	0	365	363	99	0.076	0.074	0	0	365	365	0	None	1	061111004	1201 E. Ojai Avenue, Ojai, Ca 93023	Ojai	Ventura	CA	09
0.081	0.077	0.077	0.076	12	365	358	98	0.094	0.093	0	0	365	357	4	None	1	061112002	5400 Cochran Street, Simi Valley, Ca 93063	Simi Valley	Ventura	CA	09
0.058	0.055	0.054	0.054	0	365	362	99	0.071	0.069	0	0	365	364	1	None	1	061113001	545 Central Avenue, Oxnard, Ca 93030	Not in a City	Ventura	CA	09

Get detailed information about this report, including column descriptions, at https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <https://www.epa.gov/air-data>
Generated: April 22, 2024

Top 4 Summary: Highest 4 Daily Maximum 8-Hour Ozone Averages

at El Rio-Rio Mesa School #2

	2022		2023		2024	
	Date	8-Hr Average	Date	8-Hr Average	Date	8-Hr Average
National 2015 Std (0.070 ppm):						
First High:	Sep 4	0.063	Aug 7	0.058	Oct 24	0.060
Second High:	Jun 10	0.062	Nov 3	0.055	Oct 10	0.054
Third High:	Sep 3	0.062	Apr 20	0.054	Oct 20	0.054
Fourth High:	Sep 9	0.062	Aug 30	0.054	Apr 13	0.052
National 2008 Std (0.075 ppm):						
First High:	Sep 4	0.063	Aug 7	0.058	Oct 24	0.060
Second High:	Jun 10	0.062	Nov 3	0.055	Oct 10	0.054
Third High:	Sep 3	0.062	Apr 20	0.054	Oct 20	0.054
Fourth High:	Sep 9	0.062	Aug 30	0.054	Apr 13	0.052
National 1997 Std (0.08 ppm):						
First High:	Sep 4	0.063	Aug 7	0.058	Oct 24	0.060
Second High:	Jun 10	0.062	Nov 3	0.055	Oct 10	0.054
Third High:	Sep 3	0.062	Apr 20	0.054	Oct 20	0.054
Fourth High:	Sep 9	0.062	Aug 30	0.054	Apr 13	0.052
California Std (0.070 ppm):						
First High:	Jun 10	0.063	Aug 7	0.059	Oct 24	0.060
Second High:	Sep 4	0.063	Nov 3	0.056	Oct 20	0.055
Third High:	Sep 9	0.063	Aug 30	0.055	Oct 10	0.054
Fourth High:	Sep 3	0.062	Nov 4	0.055	Apr 13	0.053
National 2015 Std (0.070 ppm):						
# Days Above the Standard:		0		0		0
Nat'l Standard Design Value:		0.062		0.057		0.056
National Year Coverage:		100		100		100
National 2008 Std (0.075 ppm):						
# Days Above the Standard:		0		0		0
Nat'l Standard Design Value:		0.062		0.057		0.056
National Year Coverage:		100		100		99
National 1997 Std (0.08 ppm):						
# Days Above the Standard:		0		0		0
Nat'l Standard Design Value:		0.062		0.057		0.056
National Year Coverage:		100		100		99
California Std (0.070 ppm):						
# Days Above the Standard:		0		0		0
California Designation Value:		0.067		0.059		0.060
Expected Peak Day Concentration:		0.067		0.061		0.061
California Year Coverage:		100		98		99

Notes:

Eight-hour ozone averages and related statistics are available at El Rio-Rio Mesa School #2 between 1980 and 2024. Some years in this range may not be represented.

All averages expressed in parts per million.

orange exceeds a national ambient air quality standard.

An exceedance of a standard is not necessarily related to a violation of the standard.

Daily maximum 8-hour averages associated with the National 0.070 ppm standard exclude those 8-hour averages that have first hours between midnight and 6:00 am, Pacific Standard Time.

Daily maximum 8-hour averages associated with the National 0.070 ppm standard include only those 8-hour averages from days that have sufficient data for the day to be considered valid.

Daily maximum 8-hour averages associated with the National 0.075 ppm and 0.08 ppm standards may come from days that don't have sufficient data for the day to be considered valid, provided the daily maximum 8-hour average itself includes sufficient data to be considered valid.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* means there was insufficient data available to determine the value.

Top 4 Summary: Highest 4 Daily Maximum 8-Hour Ozone Averages

at El Rio-Rio Mesa School #2

	2020		2021		2022	
	Date	8-Hr Average	Date	8-Hr Average	Date	8-Hr Average
National 2015 Std (0.070 ppm):						
First High:	Oct 2	0.086	Oct 3	0.059	Sep 4	0.063
Second High:	Oct 3	0.081	Apr 1	0.058	Jun 10	0.062
Third High:	Oct 14	0.071	Apr 2	0.057	Sep 3	0.062
Fourth High:	Oct 1	0.069	Mar 31	0.055	Sep 9	0.062
National 2008 Std (0.075 ppm):						
First High:	Oct 2	0.086	Oct 4	0.067	Sep 4	0.063
Second High:	Oct 3	0.081	Oct 3	0.059	Jun 10	0.062
Third High:	Oct 14	0.071	Apr 1	0.058	Sep 3	0.062
Fourth High:	Oct 1	0.069	Apr 2	0.057	Sep 9	0.062
National 1997 Std (0.08 ppm):						
First High:	Oct 2	0.086	Oct 4	0.067	Sep 4	0.063
Second High:	Oct 3	0.081	Oct 3	0.059	Jun 10	0.062
Third High:	Oct 14	0.071	Apr 1	0.058	Sep 3	0.062
Fourth High:	Oct 1	0.069	Apr 2	0.057	Sep 9	0.062
California Std (0.070 ppm):						
First High:	Oct 2	0.087	Oct 4	0.067	Jun 10	0.063
Second High:	Oct 3	0.082	Apr 1	0.059	Sep 4	0.063
Third High:	Oct 14	0.071	Oct 3	0.059	Sep 9	0.063
Fourth High:	Oct 1	0.069	Apr 2	0.058	Sep 3	0.062
National 2015 Std (0.070 ppm):						
# Days Above the Standard:		3		0		0
Nat'l Standard Design Value:		0.061		0.061		0.062
National Year Coverage:		99		99		100
National 2008 Std (0.075 ppm):						
# Days Above the Standard:		2		0		0
Nat'l Standard Design Value:		0.061		0.062		0.062
National Year Coverage:		99		99		100
National 1997 Std (0.08 ppm):						
# Days Above the Standard:		1		0		0
Nat'l Standard Design Value:		0.061		0.062		0.062
National Year Coverage:		99		99		100
California Std (0.070 ppm):						
# Days Above the Standard:		3		0		0
California Designation Value:		0.068		0.067		0.067
Expected Peak Day Concentration:		0.068		0.067		0.067
California Year Coverage:		99		98		100

Notes:

Eight-hour ozone averages and related statistics are available at El Rio-Rio Mesa School #2 between 1980 and 2024. Some years in this range may not be represented.

All averages expressed in parts per million.

orange exceeds a national ambient air quality standard.

An exceedance of a standard is not necessarily related to a violation of the standard.

Daily maximum 8-hour averages associated with the National 0.070 ppm standard exclude those 8-hour averages that have first hours between midnight and 6:00 am, Pacific Standard Time.

Daily maximum 8-hour averages associated with the National 0.070 ppm standard include only those 8-hour averages from days that have sufficient data for the day to be considered valid.

Daily maximum 8-hour averages associated with the National 0.075 ppm and 0.08 ppm standards may come from days that don't have sufficient data for the day to be considered valid, provided the daily maximum 8-hour average itself includes sufficient data to be considered valid.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* means there was insufficient data available to determine the value.

Top 4 Summary: Highest 4 Daily Maximum Hourly Ozone Measurements

at El Rio-Rio Mesa School #2

	2022		2023		2024	
	Date	Measurement	Date	Measurement	Date	Measurement
First High:	Sep 9	0.077	Nov 3	0.071	Oct 24	0.073
Second High:	Sep 3	0.070	Aug 7	0.069	Aug 20	0.066
Third High:	Oct 20	0.067	Aug 30	0.066	Nov 10	0.064
Fourth High:	Jun 10	0.066	Nov 4	0.066	Apr 13	0.063
California:						
# Days Above the Standard:		0		0		0
California Designation Value:		0.08		0.07		0.07
Expected Peak Day Concentration:		0.075		0.068		0.068
National:						
# Days Above the Standard:		*0*		*0*		*0*
3-Year Estimated Expected Number of Exceedance Days:		*0.0*		*0.0*		*0.0*
1-Year Estimated Expected Number of Exceedance Days:		*0.0*		*0.0*		*0.0*
Nat'l Standard Design Value:		*0.082*		*0.071*		*0.070*
Year Coverage:		100		100		100

◄ Shift Backward 1 year Shift Forward ►

Notes:

Hourly ozone measurements and related statistics are available at El Rio-Rio Mesa School #2 between 1980 and 2024. Some years in this range may not be represented.

All concentrations expressed in parts per million.

The national 1-hour ozone standard was revoked in June 2005. Statistics related to the national 1-hour ozone standard are shown in *italics* or *italics*.

yellow exceeds a California ambient air quality standard. *orange* exceeds the revoked 1-hour national ambient air quality standard.

An exceedance of a standard is not necessarily related to a violation of the standard.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* means there was insufficient data available to determine the value.

Top 4 Summary: Highest 4 Daily Maximum Hourly Ozone Measurements

at El Rio-Rio Mesa School #2

	2020		2021		2022	
	Date	Measurement	Date	Measurement	Date	Measurement
First High:	Oct 3	0.104	Oct 3	0.073	Sep 9	0.077
Second High:	Oct 2	0.098	Oct 4	0.073	Sep 3	0.070
Third High:	Oct 14	0.084	Oct 1	0.068	Oct 20	0.067
Fourth High:	Oct 1	0.082	Mar 31	0.063	Jun 10	0.066
California:						
# Days Above the Standard:		2		0		0
California Designation Value:		0.08		0.08		0.08
Expected Peak Day Concentration:		0.078		0.077		0.075
National:						
# Days Above the Standard:		*0*		*0*		*0*
3-Year Estimated Expected Number of Exceedance Days:		*0.0*		*0.0*		*0.0*
1-Year Estimated Expected Number of Exceedance Days:		*0.0*		*0.0*		*0.0*
Nat'l Standard Design Value:		*0.082*		*0.082*		*0.082*
Year Coverage:		99		99		100

◄ Shift Backward 1 year Shift Forward ►

Notes:

Hourly ozone measurements and related statistics are available at El Rio-Rio Mesa School #2 between 1980 and 2024. Some years in this range may not be represented.

All concentrations expressed in parts per million.

The national 1-hour ozone standard was revoked in June 2005. Statistics related to the national 1-hour ozone standard are shown in *italics* or *italics*.

yellow exceeds a California ambient air quality standard. *orange* exceeds the revoked 1-hour national ambient air quality standard.

An exceedance of a standard is not necessarily related to a violation of the standard.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* means there was insufficient data available to determine the value.

Top 4 Summary: Highest 4 Daily 24-Hour PM2.5 Averages

at El Rio-Rio Mesa School #2

	2022		2023		2024	
	Date	24-Hr Average	Date	24-Hr Average	Date	24-Hr Average
National:						
First High:	Apr 9	18.5	Sep 22	24.5	Nov 6	90.5
Second High:	Jan 8	18.4	Sep 23	24.0	Nov 7	47.8
Third High:	Sep 2	15.8	Sep 21	23.2	Nov 9	18.2
Fourth High:	Sep 1	15.7	Sep 24	21.7	Dec 5	17.7
California:						
First High:	Apr 9	18.5	Sep 22	24.5	Nov 7	47.8
Second High:	Jan 8	18.4	Sep 23	24.0	Nov 9	18.2
Third High:	Sep 2	15.8	Sep 21	23.2	Dec 5	17.7
Fourth High:	Sep 1	15.7	Sep 24	21.7	Nov 8	17.0
National:						
'06 Estimated # Days > 24-Hr Std:		0.0		0.0		2.0
'06 Measured # Days > 24-Hr Std:		0		0		2
2006 24-Hr Std Design Value:		21		15		13
2006 24-Hr Std 98th Percentile:		14.1		14.0		11.2
2006 Annual Std Design Value:		7.0		6.5		5.9
2006 Annual Average:		6.4		6.1		5.1
2012 Annual Std Design Value:		7.0		6.5		5.9
2012 Annual Average:		6.4		6.1		5.1
2024 Annual Std Design Value:		7.0		6.5		5.9
2024 Annual Average:		6.4		6.1		5.1
California:						
Annual Std Designation Value:		8		6		6
Annual Average:		6.5		*		4.9
Year Coverage:		100		98		99

◄ Shift Backward 1 year Shift Forward ►

Notes:

Daily PM2.5 averages and related statistics are available at El Rio-Rio Mesa School #2 between 1999 and 2024. Some years in this range may not be represented.

All averages expressed in micrograms per cubic meter.

yellow exceeds a California ambient air quality standard. orange exceeds a national ambient air quality standard.

An exceedance of a standard is not necessarily related to a violation of the standard.

State statistics are based on California approved samplers, whereas national statistics are based on samplers using federal reference or equivalent methods. State and national statistics may therefore be based on different samplers.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* means there was insufficient data available to determine the value.

Top 4 Summary: Highest 4 Daily 24-Hour PM2.5 Averages

at El Rio-Rio Mesa School #2

	2020		2021		2022	
	Date	24-Hr Average	Date	24-Hr Average	Date	24-Hr Average
National:						
First High:	Sep 15	58.7	Dec 7	31.7	Apr 9	18.5
Second High:	Sep 14	56.7	Dec 6	26.4	Jan 8	18.4
Third High:	Sep 13	44.0	Nov 8	21.3	Sep 2	15.8
Fourth High:	Aug 21	35.1	Sep 6	20.9	Sep 1	15.7
California:						
First High:	Sep 15	58.7	Dec 7	31.7	Apr 9	18.5
Second High:	Sep 14	56.7	Dec 6	26.4	Jan 8	18.4
Third High:	Sep 13	44.0	Nov 8	21.3	Sep 2	15.8
Fourth High:	Aug 21	35.1	Sep 6	20.9	Sep 1	15.7
National:						
'06 Estimated # Days > 24-Hr Std:		3.0		0.0		0.0
'06 Measured # Days > 24-Hr Std:		3		0		0
2006 24-Hr Std Design Value:		23		21		21
2006 24-Hr Std 98th Percentile:		30.3		17.1		14.1
2006 Annual Std Design Value:		7.5		7.0		7.0
2006 Annual Average:		7.5		6.8		6.4
2012 Annual Std Design Value:		7.5		7.0		7.0
2012 Annual Average:		7.5		6.8		6.4
2024 Annual Std Design Value:		7.5		7.0		7.0
2024 Annual Average:		7.5		6.8		6.4
California:						
Annual Std Designation Value:		8		8		8
Annual Average:		7.6		*		6.5
Year Coverage:		100		82		100

◄ Shift Backward 1 year Shift Forward ►

Notes:

Daily PM2.5 averages and related statistics are available at El Rio-Rio Mesa School #2 between 1999 and 2024. Some years in this range may not be represented.

All averages expressed in micrograms per cubic meter.

yellow exceeds a California ambient air quality standard. orange exceeds a national ambient air quality standard.

An exceedance of a standard is not necessarily related to a violation of the standard.

State statistics are based on California approved samplers, whereas national statistics are based on samplers using federal reference or equivalent methods. State and national statistics may therefore be based on different samplers.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* means there was insufficient data available to determine the value.

Top 4 Summary: Highest 4 Daily 24-Hour PM10 Averages

at El Rio-Rio Mesa School #2

	2022		2023		2024	
	Date	24-Hr Average	Date	24-Hr Average	Date	24-Hr Average
National:						
First High:	Jul 18	57.9	Oct 29	102.8	Nov 6	272.9
Second High:	Sep 9	53.5	Nov 20	71.2	Nov 7	89.6
Third High:	Apr 9	52.1	Feb 21	69.9	Dec 10	69.1
Fourth High:	Sep 2	47.7	Dec 9	64.8	Mar 14	58.5
California:						
First High:	Jul 18	57.5	Oct 29	104.0	Nov 7	90.8
Second High:	Apr 9	52.5	Nov 20	72.1	Dec 10	70.6
Third High:	Sep 9	51.1	Feb 21	71.9	Mar 14	59.4
Fourth High:	Sep 2	47.1	Dec 9	66.5	Dec 9	45.8
National:						
Estimated # Days > 24-Hr Std:		0.0		0.0		1.0
Measured # Days > 24-Hr Std:		0		0		1
3-Yr Avg Est # Days > 24-Hr Std:		1.0		0.0		0.0
Annual Average:		*22.7*		*20.3*		*19.6*
3-Year Average:		*25*		*23*		*21*
California:						
Estimated # Days > 24-Hr Std:		3.0		7.0		3.0
Measured # Days > 24-Hr Std:		3		7		3
Annual Average:		23.1		20.4		19.3
3-Year Maximum Annual Average:		25		25		23
Year Coverage:		0		0		0

◄ Shift Backward 1 year Shift Forward ►

Notes:

Daily PM10 averages and related statistics are available at El Rio-Rio Mesa School #2 between 1988 and 2024. Some years in this range may not be represented.

All averages expressed in micrograms per cubic meter.

The national annual average PM10 standard was revoked in December 2006 and is no longer in effect. Statistics related to the revoked standard are shown in *italics* or *italics*.

yellow exceeds a California ambient air quality standard. orange exceeds a national ambient air quality standard.

An exceedance of a standard is not necessarily related to a violation of the standard.

All values listed above represent midnight-to-midnight 24-hour averages and may be related to an exceptional event.

State and national statistics may differ for the following reasons:

State statistics are based on California approved samplers, whereas national statistics are based on samplers using federal reference or equivalent methods. State and national statistics may therefore be based on different samplers.

State statistics for 1998 and later are based on local conditions (except for sites in the South Coast Air Basin, where State statistics for 2002 and later are based on local conditions). National statistics are based on standard conditions.

State criteria for ensuring that data are sufficiently complete for calculating valid annual averages are more stringent than the national criteria.

Measurements are usually collected every six days. Measured days counts the days that a measurement was greater than the level of the standard; Estimated days mathematically estimates how many days concentrations would have been greater than the level of the standard had each day been monitored.

3-Year statistics represent the listed year and the 2 years before the listed year.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* means there was insufficient data available to determine the value.

Top 4 Summary: Highest 4 Daily 24-Hour PM10 Averages

at El Rio-Rio Mesa School #2

	2020		2021		2022	
	Date	24-Hr Average	Date	24-Hr Average	Date	24-Hr Average
National:						
First High:	Oct 26	200.7	Jan 19	377.8	Jul 18	57.9
Second High:	Dec 3	162.3	Sep 30	127.5	Sep 9	53.5
Third High:	Dec 23	110.0	Nov 21	125.0	Apr 9	52.1
Fourth High:	Dec 7	109.3	Feb 25	107.1	Sep 2	47.7
California:						
First High:	Oct 26	206.0	Nov 21	125.0	Jul 18	57.5
Second High:	Dec 3	166.4	Sep 30	125.0	Apr 9	52.5
Third High:	Dec 23	112.4	Feb 25	110.7	Sep 9	51.1
Fourth High:	Dec 7	110.0	Oct 11	91.9	Sep 2	47.1
National:						
Estimated # Days > 24-Hr Std:		2.0		1.1		0.0
Measured # Days > 24-Hr Std:		2		1		0
3-Yr Avg Est # Days > 24-Hr Std:		2.0		2.0		1.0
Annual Average:		*25.2*		*26.4*		*22.7*
3-Year Average:		*26*		*25*		*25*
California:						
Estimated # Days > 24-Hr Std:		21.0		12.1		3.0
Measured # Days > 24-Hr Std:		21		12		3
Annual Average:		25.3		24.7		23.1
3-Year Maximum Annual Average:		27		25		25
Year Coverage:		0		0		0

◄ Shift Backward 1 year Shift Forward ►

Notes:

Daily PM10 averages and related statistics are available at El Rio-Rio Mesa School #2 between 1988 and 2024. Some years in this range may not be represented.

All averages expressed in micrograms per cubic meter.

The national annual average PM10 standard was revoked in December 2006 and is no longer in effect. Statistics related to the revoked standard are shown in *italics* or *italics*.

yellow exceeds a California ambient air quality standard. orange exceeds a national ambient air quality standard.

An exceedance of a standard is not necessarily related to a violation of the standard.

All values listed above represent midnight-to-midnight 24-hour averages and may be related to an exceptional event.

State and national statistics may differ for the following reasons:

State statistics are based on California approved samplers, whereas national statistics are based on samplers using federal reference or equivalent methods. State and national statistics may therefore be based on different samplers.

State statistics for 1998 and later are based on local conditions (except for sites in the South Coast Air Basin, where State statistics for 2002 and later are based on local conditions). National statistics are based on standard conditions.

State criteria for ensuring that data are sufficiently complete for calculating valid annual averages are more stringent than the national criteria.

Measurements are usually collected every six days. Measured days counts the days that a measurement was greater than the level of the standard; Estimated days mathematically estimates how many days concentrations would have been greater than the level of the standard had each day been monitored.

3-Year statistics represent the listed year and the 2 years before the listed year.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* means there was insufficient data available to determine the value.

Top 4 Summary: Highest 4 Daily Maximum Hourly Nitrogen Dioxide Measurements

at El Rio-Rio Mesa School #2

	2022		2023		2024	
	Date	Measurement	Date	Measurement	Date	Measurement
National:						
First High:	Jan 13	32.0	Dec 5	27.0	Dec 18	29.0
Second High:	Feb 24	29.0	Dec 15	24.0	Jan 8	24.0
Third High:	Feb 26	29.0	Feb 1	23.0	Dec 11	22.0
Fourth High:	Nov 15	25.0	Nov 27	23.0	Feb 24	21.0
California:						
First High:	Jan 13	32	Dec 5	27	Dec 18	29
Second High:	Feb 24	29	Dec 15	24	Jan 8	24
Third High:	Feb 26	29	Feb 1	23	Dec 11	22
Fourth High:	Nov 15	25	Nov 27	23	Feb 24	21
National:						
1-Hour Standard Design Value:		23		21		21
1-Hour Standard 98th Percentile:		22.0		20.0		20.0
# Days Above the Standard:		0		0		0
Annual Standard Design Value:		4		3		4
California:						
1-Hour Std Designation Value:		30		30		30
Expected Peak Day Concentration:		29		28		27
# Days Above the Standard:		0		0		0
Annual Std Designation Value:		5		4		4
Annual Average:		4		3		4
Year Coverage:		99		100		99

◄ Shift Backward 1 year Shift Forward ►

Notes:

Hourly nitrogen dioxide measurements and related statistics are available at El Rio-Rio Mesa School #2 between 1982 and 2024. Some years in this range may not be represented.

All concentrations expressed in parts per billion.

yellow exceeds a California ambient air quality standard. orange exceeds a national ambient air quality standard.

An exceedance of a standard is not necessarily related to a violation of the standard.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* means there was insufficient data available to determine the value.

Top 4 Summary: Highest 4 Daily Maximum Hourly Nitrogen Dioxide Measurements

at El Rio-Rio Mesa School #2

	2020		2021		2022	
	Date	Measurement	Date	Measurement	Date	Measurement
National:						
First High:	Feb 27	31.0	Oct 15	33.0	Jan 13	32.0
Second High:	Jan 3	29.0	Apr 1	28.0	Feb 24	29.0
Third High:	Nov 5	29.0	Mar 2	26.0	Feb 26	29.0
Fourth High:	Nov 16	29.0	Oct 14	25.0	Nov 15	25.0
California:						
First High:	Feb 27	31	Oct 15	33	Jan 13	32
Second High:	Jan 3	29	Apr 1	28	Feb 24	29
Third High:	Nov 5	29	Mar 2	26	Feb 26	29
Fourth High:	Nov 16	29	Oct 14	25	Nov 15	25
National:						
1-Hour Standard Design Value:		26		24		23
1-Hour Standard 98th Percentile:		24.0		22.0		22.0
# Days Above the Standard:		0		0		0
Annual Standard Design Value:		5		4		4
California:						
1-Hour Std Designation Value:		40		30		30
Expected Peak Day Concentration:		35		31		29
# Days Above the Standard:		0		0		0
Annual Std Designation Value:		5		5		5
Annual Average:		5		4		4
Year Coverage:		100		98		99

◄ Shift Backward 1 year Shift Forward ►

Notes:

Hourly nitrogen dioxide measurements and related statistics are available at El Rio-Rio Mesa School #2 between 1982 and 2024. Some years in this range may not be represented.

All concentrations expressed in parts per billion.

yellow exceeds a California ambient air quality standard. orange exceeds a national ambient air quality standard.

An exceedance of a standard is not necessarily related to a violation of the standard.

Year Coverage indicates the extent to which available monitoring data represent the time of the year when concentrations are expected to be highest. 0 means that data represent none of the high period; 100 means that data represent the entire high period. A high Year Coverage does not mean that there was sufficient data for annual statistics to be considered valid.

* means there was insufficient data available to determine the value.

Monitor Values Report

Geographic Area: Ventura County, CA
Pollutant: PM10
Year: 2023
Exceptional Events: Included (if any)

Required Days	Valid Days	First Max	Second Max	Days >STD	Est Days >STD	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
365	359	85	62	0	0	None	3	061112002	5400 Cochran Street, Simi Valley, Ca 93063	Simi Valley	Ventura	CA	09
365	361	102	71	0	0	None	3	061113001	545 Central Avenue, Oxnard, Ca 93030	Not in a City	Ventura	CA	09

Get detailed information about this report, including column descriptions, at https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <https://www.epa.gov/air-data>
Generated: April 22, 2024

Monitor Values Report

Geographic Area: Ventura County, CA
Pollutant: PM2.5
Year: 2023
Exceptional Events: Included (if any)
Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs	First Max	Second Max	Third Max	Fourth Max	98th Percentile	Weighted Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
360	23	21	20.3	18.2	15	6.5	None	3	061110007	2323 Moorpark Road, Thousand Oaks, Ca 91360	Thousand Oaks	Ventura	CA	09
361	20	17	17	16.7	14	5.4	None	3	061110009	3301 Pacific Avenue, Piru, Ca 93040	Piru	Ventura	CA	09
361	20.4	18.5	16.2	16.1	11	4.2	None	3	061111004	1201 E. Ojai Avenue, Ojai, Ca 93023	Ojai	Ventura	CA	09
354	19.9	18.2	17.9	17.9	16	5.9	None	3	061112002	5400 Cochran Street, Simi Valley, Ca 93063	Simi Valley	Ventura	CA	09
358	19.8	19.6	19.3	18.9	17	6.7	None	4	061112002	5400 Cochran Street, Simi Valley, Ca 93063	Simi Valley	Ventura	CA	09
346	24.5	24	23.2	21.7	14	6.1	None	3	061113001	545 Central Avenue, Oxnard, Ca 93030	Not in a City	Ventura	CA	09

Get detailed information about this report, including column descriptions, at https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <https://www.epa.gov/air-data>
Generated: April 22, 2024

Monitor Values Report

Geographic Area: Ventura County, CA
Pollutant: NO2
Year: 2023
Exceptional Events: Included (if any)
Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs	First Max 1hr	Second Max 1hr	98th Percentile	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8287	32	32	29	5.1	None	1	061112002	5400 Cochran Street, Simi Valley, Ca 93063	Simi Valley	Ventura	CA	09
8355	27	24	20	3.44	None	1	061113001	545 Central Avenue, Oxnard, Ca 93030	Not in a City	Ventura	CA	09

Get detailed information about this report, including column descriptions, at https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <https://www.epa.gov/air-data>
Generated: April 22, 2024

Monitor Values Report

Geographic Area: Los Angeles County, CA
Pollutant: CO
Year: 2019
Exceptional Events: Included (if any)

Obs	First Max 8hr	Second Max 8hr	Days 8hr Max >STD	First Max 1hr	Second Max 1hr	Days 1hr Max >STD	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8588	1.1	1	0	1.6	1.6	0	None	1	060370002	803 N. Loren Ave., Azusa	Azusa	Los Angeles	CA	09
8514	0.8	0.7	0	1.2	1.1	0	None	2	060370016	840 Laurel, Glendora	Glendora	Los Angeles	CA	09
8657	1.2	1.1	0	1.9	1.8	0	None	1	060370113	Va Hospital, West Los Angeles	West Los Angeles	Los Angeles	CA	09
8624	1.6	1.5	0	2	1.9	0	None	1	060371103	1630 N Main St, Los Angeles	Los Angeles	Los Angeles	CA	09
3191	1.6	1.4	0	2	1.8	0	None	9	060371103	1630 N Main St, Los Angeles	Los Angeles	Los Angeles	CA	09
8599	2.2	1.8	0	2.6	2.5	0	None	1	060371201	18330 Gault St., Reseda	Reseda	Los Angeles	CA	09
8564	3.2	2.9	0	3.8	3.8	0	None	1	060371302	700 North Bullis Road	Compton	Los Angeles	CA	09
8672	1.5	1.4	0	1.9	1.8	0	None	1	060371602	4144 San Gabriel River Pkwy, Pico Rivera	Pico Rivera	Los Angeles	CA	09
8680	1.3	1.2	0	1.7	1.6	0	None	1	060371701	924 N. Garey Ave., Pomona	Pomona	Los Angeles	CA	09
8581	1.2	1.1	0	1.5	1.5	0	None	1	060372005	752 S. Wilson Ave., Pasadena	Pasadena	Los Angeles	CA	09
7999	2.1	1.8	0	3	2.4	0	None	1	060374006	2425 Webster St., Long Beach, Ca	Long Beach	Los Angeles	CA	09
8655	1.3	1.3	0	1.8	1.7	0	None	1	060375005	7201 W. Westchester Parkway	Los Angeles	Los Angeles	CA	09
8510	1.2	1	0	1.5	1.3	0	None	1	060376012	22224 Placerita Canyon Rd, Santa Clarita	Santa Clarita	Los Angeles	CA	09
8162	0.9	0.8	0	1.4	1.4	0	None	1	060379033	43301 Division St., Lancaster, Ca	Lancaster	Los Angeles	CA	09

Get detailed information about this report, including column descriptions, at https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <https://www.epa.gov/air-data>
Generated: April 23, 2024

Monitor Values Report

Geographic Area: Los Angeles County, CA
Pollutant: CO
Year: 2020
Exceptional Events: Included (if any)

Obs	First Max 8hr	Second Max 8hr	Days 8hr Max >STD	First Max 1hr	Second Max 1hr	Days 1hr Max >STD	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8423	2	1.9	0	2.4	2.3	0	None	1	060370002	803 N. Loren Ave., Azusa	Azusa	Los Angeles	CA	09
7538	1.9	1.6	0	2.3	2.2	0	None	2	060370016	840 Laurel, Glendora	Glendora	Los Angeles	CA	09
8701	1.2	1.2	0	2	1.8	0	None	1	060370113	Va Hospital, West Los Angeles	West Los Angeles	Los Angeles	CA	09
8511	1.6	1.6	0	2.1	1.9	0	None	1	060371103	1630 N Main St, Los Angeles	Los Angeles	Los Angeles	CA	09
4888	1.4	1.4	0	1.8	1.6	0	None	9	060371103	1630 N Main St, Los Angeles	Los Angeles	Los Angeles	CA	09
8376	1.7	1.7	0	2	2	0	None	1	060371201	18330 Gault St., Reseda	Reseda	Los Angeles	CA	09
8698	3.1	2.8	0	4.5	3.7	0	None	1	060371302	700 North Bullis Road	Compton	Los Angeles	CA	09
8656	1.7	1.6	0	3.1	2.3	0	None	1	060371602	4144 San Gabriel River Pkwy, Pico Rivera	Pico Rivera	Los Angeles	CA	09
8697	1.1	1.1	0	1.5	1.4	0	None	1	060371701	924 N. Garey Ave., Pomona	Pomona	Los Angeles	CA	09
8601	2.2	1.8	0	2.6	2.5	0	None	1	060372005	752 S. Wilson Ave., Pasadena	Pasadena	Los Angeles	CA	09
8692	1.3	1.2	0	1.6	1.5	0	None	1	060375005	7201 W. Westchester Parkway	Los Angeles	Los Angeles	CA	09
8678	0.8	0.8	0	1.2	1	0	None	1	060376012	22224 Placerita Canyon Rd, Santa Clarita	Santa Clarita	Los Angeles	CA	09
8033	1.1	1.1	0	1.6	1.5	0	None	1	060379033	43301 Division St., Lancaster, Ca	Lancaster	Los Angeles	CA	09

Get detailed information about this report, including column descriptions, at https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <https://www.epa.gov/air-data>
Generated: April 23, 2024

Monitor Values Report

Geographic Area: Los Angeles County, CA
Pollutant: CO
Year: 2021
Exceptional Events: Included (if any)

Obs	First Max 8hr	Second Max 8hr	Days 8hr Max >STD	First Max 1hr	Second Max 1hr	Days 1hr Max >STD	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8535	1.4	1.3	0	1.5	1.4	0	None	1	060370002	803 N. Loren Ave., Azusa	Azusa	Los Angeles	CA	09
8503	0.9	0.9	0	1.4	1.2	0	None	2	060370016	840 Laurel, Glendora	Glendora	Los Angeles	CA	09
4153	1	0.9	0	1.5	1.5	0	None	1	060370113	Va Hospital, West Los Angeles	West Los Angeles	Los Angeles	CA	09
8674	1.6	1.5	0	2	1.9	0	None	1	060371103	1630 N Main St, Los Angeles	Los Angeles	Los Angeles	CA	09
6255	1.5	1.5	0	1.9	1.8	0	None	9	060371103	1630 N Main St, Los Angeles	Los Angeles	Los Angeles	CA	09
8699	1.9	1.9	0	2.6	2.2	0	None	1	060371201	18330 Gault St., Reseda	Reseda	Los Angeles	CA	09
8661	3.7	3.4	0	4.3	4.3	0	None	1	060371302	700 North Bullis Road	Compton	Los Angeles	CA	09
8664	1.5	1.5	0	1.8	1.7	0	None	1	060371602	4144 San Gabriel River Pkwy, Pico Rivera	Pico Rivera	Los Angeles	CA	09
8447	1.3	1.3	0	1.7	1.6	0	None	1	060371701	924 N. Garey Ave., Pomona	Pomona	Los Angeles	CA	09
8695	1.6	1.5	0	1.9	1.8	0	None	1	060372005	752 S. Wilson Ave., Pasadena	Pasadena	Los Angeles	CA	09
5993	1.3	1.2	0	1.7	1.6	0	None	1	060375005	7201 W. Westchester Parkway	Los Angeles	Los Angeles	CA	09
8694	0.7	0.7	0	1	0.9	0	None	1	060376012	22224 Placerita Canyon Rd, Santa Clarita	Santa Clarita	Los Angeles	CA	09
8202	1.1	1	0	1.4	1.4	0	None	1	060379033	43301 Division St., Lancaster, Ca	Lancaster	Los Angeles	CA	09

Get detailed information about this report, including column descriptions, at https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <https://www.epa.gov/air-data>
Generated: April 23, 2024

Monitor Values Report

Geographic Area: Los Angeles County, CA
Pollutant: CO
Year: 2022
Exceptional Events: Included (if any)

Obs	First Max 8hr	Second Max 8hr	Days 8hr Max >STD	First Max 1hr	Second Max 1hr	Days 1hr Max >STD	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
6245	0.9	0.8	0	1.3	1.2	0	None	1	060370002	803 N. Loren Ave., Azusa	Azusa	Los Angeles	CA	09
8644	0.6	0.6	0	0.9	0.8	0	None	2	060370016	840 Laurel, Glendora	Glendora	Los Angeles	CA	09
8700	1.5	1.4	0	1.7	1.6	0	None	1	060371103	1630 N Main St, Los Angeles	Los Angeles	Los Angeles	CA	09
8560	1.4	1.4	0	1.5	1.5	0	None	9	060371103	1630 N Main St, Los Angeles	Los Angeles	Los Angeles	CA	09
8701	1.8	1.8	0	2.2	2.2	0	None	1	060371201	18330 Gault St., Reseda	Reseda	Los Angeles	CA	09
8571	3	2.7	0	3.4	3.4	0	None	1	060371302	700 North Bullis Road	Compton	Los Angeles	CA	09
8515	1.5	1.4	0	1.6	1.5	0	None	1	060371602	4144 San Gabriel River Pkwy, Pico Rivera	Pico Rivera	Los Angeles	CA	09
8654	1.1	1.1	0	1.6	1.5	0	None	1	060371701	924 N. Garey Ave., Pomona	Pomona	Los Angeles	CA	09
8716	1.3	1.2	0	1.6	1.5	0	None	1	060372005	752 S. Wilson Ave., Pasadena	Pasadena	Los Angeles	CA	09
8699	0.6	0.6	0	1.5	1.1	0	None	1	060376012	22224 Placerita Canyon Rd, Santa Clarita	Santa Clarita	Los Angeles	CA	09

Get detailed information about this report, including column descriptions, at https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <https://www.epa.gov/air-data>
Generated: April 23, 2024

Monitor Values Report

Geographic Area: Los Angeles County, CA
Pollutant: CO
Year: 2023
Exceptional Events: Included (if any)

Obs	First Max 8hr	Second Max 8hr	Days 8hr Max >STD	First Max 1hr	Second Max 1hr	Days 1hr Max >STD	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8669	0.6	0.6	0	0.8	0.8	0	None	2	060370016	840 Laurel, Glendora	Glendora	Los Angeles	CA	09
6551	1.1	1.1	0	1.3	1.3	0	None	1	060371103	1630 N Main St, Los Angeles	Los Angeles	Los Angeles	CA	09
8634	1.2	1.2	0	1.4	1.4	0	None	9	060371103	1630 N Main St, Los Angeles	Los Angeles	Los Angeles	CA	09
8191	1.7	1.6	0	2.3	2.1	0	None	1	060371201	18330 Gault St., Reseda	Reseda	Los Angeles	CA	09
8606	2.6	2.6	0	3.2	3.1	0	None	1	060371302	700 North Bullis Road	Compton	Los Angeles	CA	09
8380	1.3	1.2	0	1.8	1.5	0	None	1	060371602	4144 San Gabriel River Pkwy, Pico Rivera	Pico Rivera	Los Angeles	CA	09
8458	1.3	1.1	0	1.5	1.4	0	None	1	060371701	924 N. Garey Ave., Pomona	Pomona	Los Angeles	CA	09
8681	1	0.9	0	1.3	1.2	0	None	1	060372005	752 S. Wilson Ave., Pasadena	Pasadena	Los Angeles	CA	09
8702	0.6	0.5	0	1.1	1	0	None	1	060376012	22224 Placerita Canyon Rd, Santa Clarita	Santa Clarita	Los Angeles	CA	09

Get detailed information about this report, including column descriptions, at https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <https://www.epa.gov/air-data>
Generated: April 23, 2024

Monitor Values Report

Geographic Area: Los Angeles County, CA
Pollutant: CO
Year: 2024
Exceptional Events: Included (if any)

Obs	First Max 8hr	Second Max 8hr	Days 8hr Max >STD	First Max 1hr	Second Max 1hr	Days 1hr Max >STD	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8035	1.1	0.9	0	1.4	1.2	0	None	2	060370016	840 Laurel, Glendora	Glendora	Los Angeles	CA	09
8509	1.6	1.6	0	1.8	1.7	0	None	9	060371103	1630 N Main St, Los Angeles	Los Angeles	Los Angeles	CA	09
8633	1.8	1.7	0	2.2	2.1	0	None	1	060371201	18330 Gault St., Reseda	Reseda	Los Angeles	CA	09
8321	3.1	2.6	0	3.5	3.5	0	None	1	060371302	700 North Bullis Road	Compton	Los Angeles	CA	09
8407	1.5	1.3	0	1.9	1.7	0	None	1	060371602	4144 San Gabriel River Pkwy, Pico Rivera	Pico Rivera	Los Angeles	CA	09
8716	1.2	1.2	0	1.7	1.7	0	None	1	060371701	924 N. Garey Ave., Pomona	Pomona	Los Angeles	CA	09
8619	1.1	1.1	0	1.4	1.4	0	None	1	060372005	752 S. Wilson Ave., Pasadena	Pasadena	Los Angeles	CA	09
8716	0.7	0.7	0	1.2	1.1	0	None	1	060376012	22224 Placerita Canyon Rd, Santa Clarita	Santa Clarita	Los Angeles	CA	09

Get detailed information about this report, including column descriptions, at https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

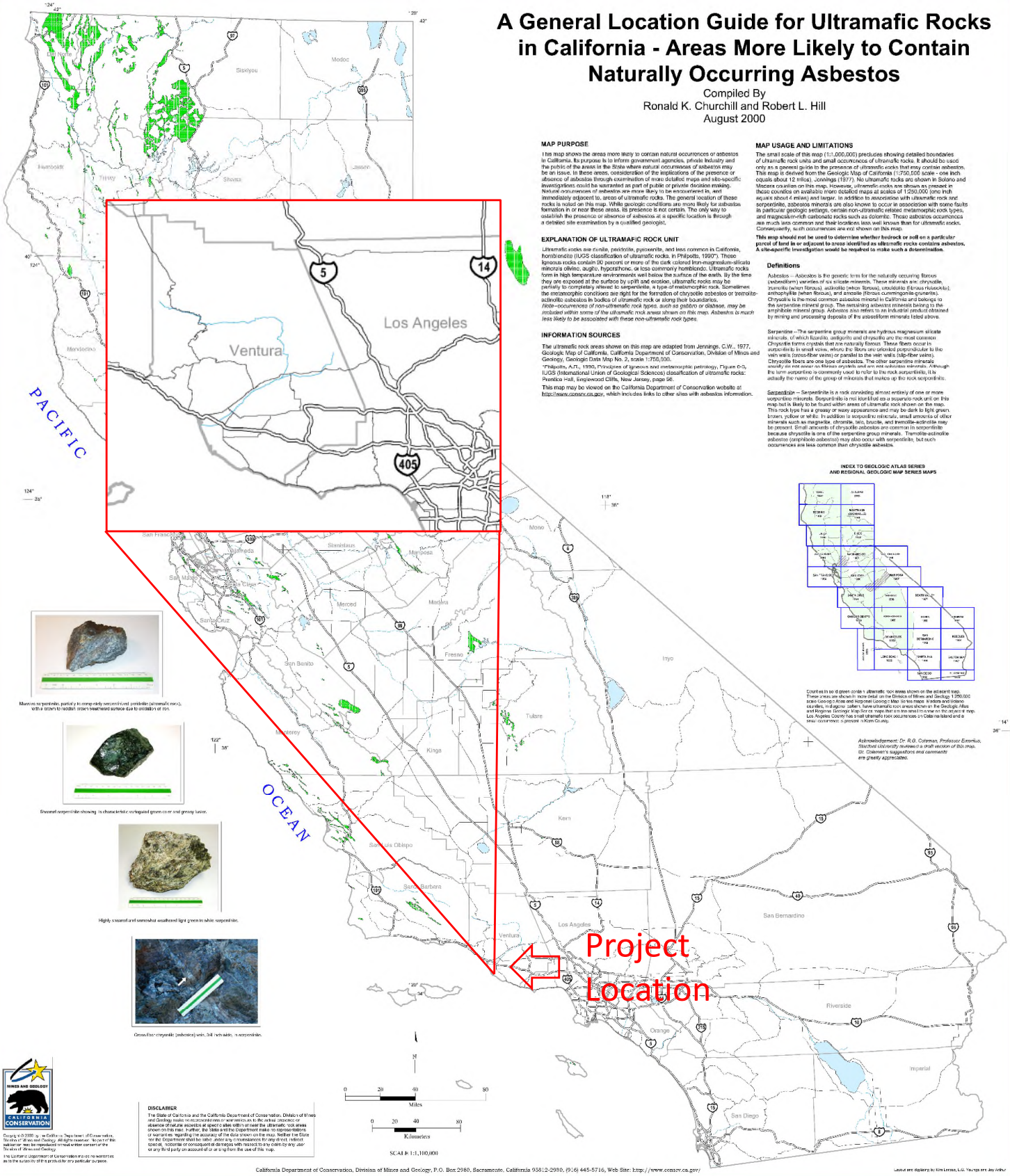
Source: U.S. EPA AirData <https://www.epa.gov/air-data>
Generated: August 28, 2025

Appendix C: Areas More Likely to Contain Naturally-Occurring Asbestos

A General Location Guide for Ultramafic Rocks in California - Areas More Likely to Contain Naturally Occurring Asbestos

Compiled By
Ronald K. Churchill and Robert L. Hill

August 2000



MAP PURPOSE

This map shows the areas more likely to contain natural occurrences of asbestos in California. Its purpose is to inform government agencies, private industry and the public of the areas in the State where natural occurrences of asbestos may be an issue. In these areas, consideration of the implications of the presence or absence of asbestos through examination of more detailed maps and site-specific investigations could be warranted as part of public or private decision making. Natural occurrences of asbestos are more likely to be encountered in, and immediately adjacent to, areas of ultramafic rocks. The general location of these rocks is noted on this map. While geologic conditions are more likely for asbestos formation in or near these areas, its presence is not certain. The only way to establish the presence or absence of asbestos at a specific location is through a detailed site examination by a qualified geologist.

EXPLANATION OF ULTRAMAFIC ROCK UNIT

Ultramafic rocks are dunite, peridotite, pyroxenite, and less common in California, hornblendite (IUGS classification of ultramafic rocks, in Philpotts, 1990*). These igneous rocks contain 90 percent or more of the dark colored iron-magnesium-silicate minerals olivine, augite, hypersthene, or less commonly hornblende. Ultramafic rocks form in high temperature environments well below the surface of the earth. By the time they are exposed at the surface by uplift and erosion, ultramafic rocks may be partially to completely altered to serpentinite, a type of metamorphic rock. Sometimes the metamorphic conditions are right for the formation of chrysotile asbestos or tremolite-actinolite asbestos in bodies of ultramafic rock or along their boundaries.
Note--occurrences of non-ultramafic rock types, such as gabbro or diabase, may be intruded within some of the ultramafic rock areas shown on this map. Asbestos is much less likely to be associated with these non-ultramafic rock types.

INFORMATION SOURCES

The ultramafic rock areas shown on this map are adapted from Jennings, C.W., 1977, Geologic Map of California, California Department of Conservation, Division of Mines and Geology, Geologic Data Map No. 2, scale 1:750,000.
*Philpotts, A.R., 1990, Principles of igneous and metamorphic petrology, Figure 0-5, IUGS (International Union of Geological Sciences) classification of ultramafic rocks: Prentice Hall, Englewood Cliffs, New Jersey, page 56.

This map may be viewed on the California Department of Conservation website at http://www.consrv.ca.gov, which includes links to other sites with asbestos information.

MAP USAGE AND LIMITATIONS

The small scale of this map (1:1,000,000) precludes showing detailed boundaries of ultramafic rock units and small occurrences of ultramafic rocks. It should be used only as a general guide to the presence of ultramafic rocks that may contain asbestos. This map is derived from the Geologic Map of California (1:750,000 scale - one inch equals about 12 miles), Jennings (1977). No ultramafic rocks are shown in Solano and Marin counties on this map. However, ultramafic rocks are shown as present in those counties on available more detailed maps at scales of 1:250,000 (one inch equals about 4 miles) and larger. In addition to association with ultramafic rock and serpentinite, asbestos minerals are also known to occur in association with some faults in particular geologic settings, certain non-ultramafic related metamorphic rock types, and magnesium-rich carbonate rocks such as dolomite. Those asbestos occurrences are much less common and their locations less well known than for ultramafic rocks. Consequently, such occurrences are not shown on this map.

This map should not be used to determine whether bedrock or soil on a particular parcel of land is or adjacent to areas identified as ultramafic rocks contains asbestos. A site-specific investigation would be required to make such a determination.

Definitions

Asbestos -- Asbestos is the generic term for the naturally occurring fibrous (asbestiform) varieties of six silicate minerals. These minerals are: chrysotile, tremolite (when fibrous), actinolite (when fibrous), crocidolite (fibrous riebeckite), anthophyllite (when fibrous), and amosite (fibrous cummingtonite-grunerite). Chrysotile is the most common asbestos mineral in California and belongs to the serpentine mineral group. The remaining asbestos minerals belong to the amphibole mineral group. Asbestos also refers to an industrial product obtained by mining and processing deposits of the asbestiform minerals listed above.

Serpentine -- The serpentine group minerals are hydrous magnesium silicate minerals, of which lizardite, antigorite and chrysotile are the most common. Chrysotile forms crystals that are naturally fibrous. These fibers occur in serpentinite in small veins, where the fibers are oriented perpendicular to the vein walls (cross-fiber veins) or parallel to the vein walls (slip-fiber veins). Chrysotile fibers are one type of asbestos. The other serpentine minerals usually do not occur as fibrous crystals and are not asbestos minerals. Although the term serpentine is commonly used to refer to the rock serpentinite, it is actually the name of the group of minerals that makes up the rock serpentinite.

Serpentinite -- Serpentinite is a rock consisting almost entirely of one or more serpentine minerals. Serpentinite is not identified as a separate rock unit on this map but is likely to be found within areas of ultramafic rock shown on the map. This rock type has a greasy or waxy appearance and may be dark to light green, brown, yellow or white. In addition to serpentine minerals, small amounts of other minerals such as magnetite, chromite, talc, brucite, and tremolite-actinolite may be present. Small amounts of chrysotile asbestos are common in serpentinite because chrysotile is one of the serpentine group minerals. Tremolite-actinolite asbestos (amphibole asbestos) may also occur with serpentinite, but such occurrences are less common than chrysotile asbestos.

INDEX TO GEOLOGIC ATLAS SERIES AND REGIONAL GEOLOGIC MAP SERIES MAPS

Counties in solid green contain ultramafic rock areas shown on the adjacent map. These areas are shown in more detail on the Division of Mines and Geology 1:250,000 scale Geologic Atlas and Regional Geologic Map Series maps. Numbers and letters in diagonal pattern have ultramafic rock areas shown on the Geologic Atlas and Regional Geologic Map Series maps that are too small to show on the adjacent map. Los Angeles County has small ultramafic rock occurrences on Catalina Island and a small occurrence is present in Kern County.

Acknowledgement: Dr. R.G. Coleman, Professor Emeritus, Stanford University reviewed a draft version of this map. Dr. Coleman's suggestions and comments are greatly appreciated.

Massive serpentinite, partially to strongly altered serpentinized peridotite (ultramafic rock), within brown to reddish brown weathered surface due to oxidation of iron.

Sheared serpentinite showing its characteristic variegated green color and greasy luster.

Highly sheared and somewhat weathered light green to white serpentinite.

Cross-fiber chrysotile (asbestos) vein, 3/4 inch wide, in serpentinite.

Copyright © 2000 State of California, Department of Conservation, Division of Mines and Geology. All rights reserved. No part of this publication may be reproduced without written consent of the Division of Mines and Geology.

The California Department of Conservation makes no warranties as to the suitability of this product for any particular purpose.

DISCLAIMER

The State of California and the California Department of Conservation, Division of Mines and Geology make no representations or warranties as to the actual presence or absence of natural asbestos at specific sites within or near the ultramafic rock areas shown on this map. Further, the State and the Department make no representations or warranties regarding the accuracy of the data shown on the map. Neither the State nor the Department shall be liable under any circumstances for any direct, indirect, special, incidental or consequential damages with respect to any claim by any user or any third party on account of or arising from the use of this map.

Layout and digitizing by Kim Lorton, L.G. Youngs and Jay Arthur

Appendix D: CO Flow Chart (Based on the CO Protocol)

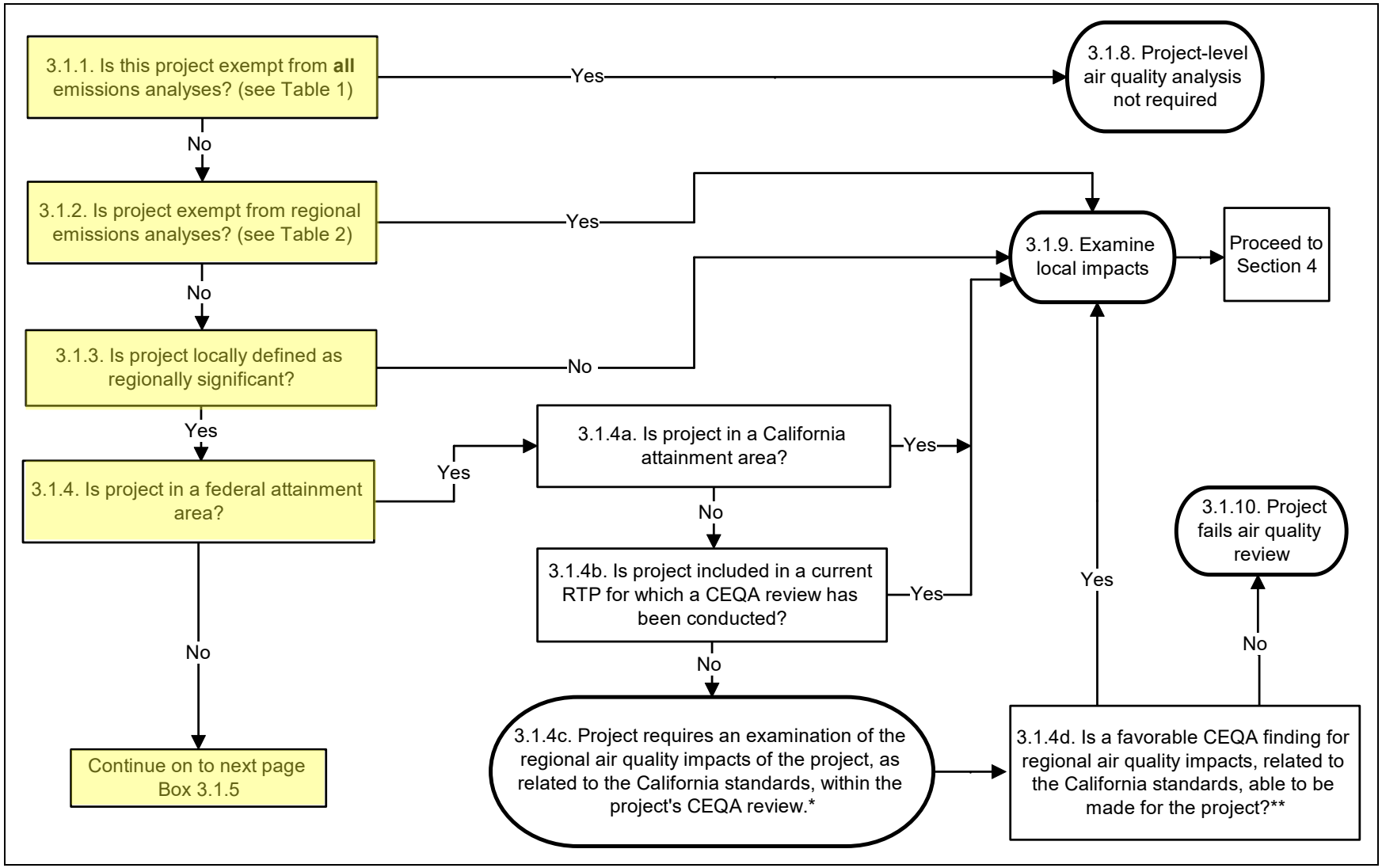


Figure 1. Requirements for New Projects

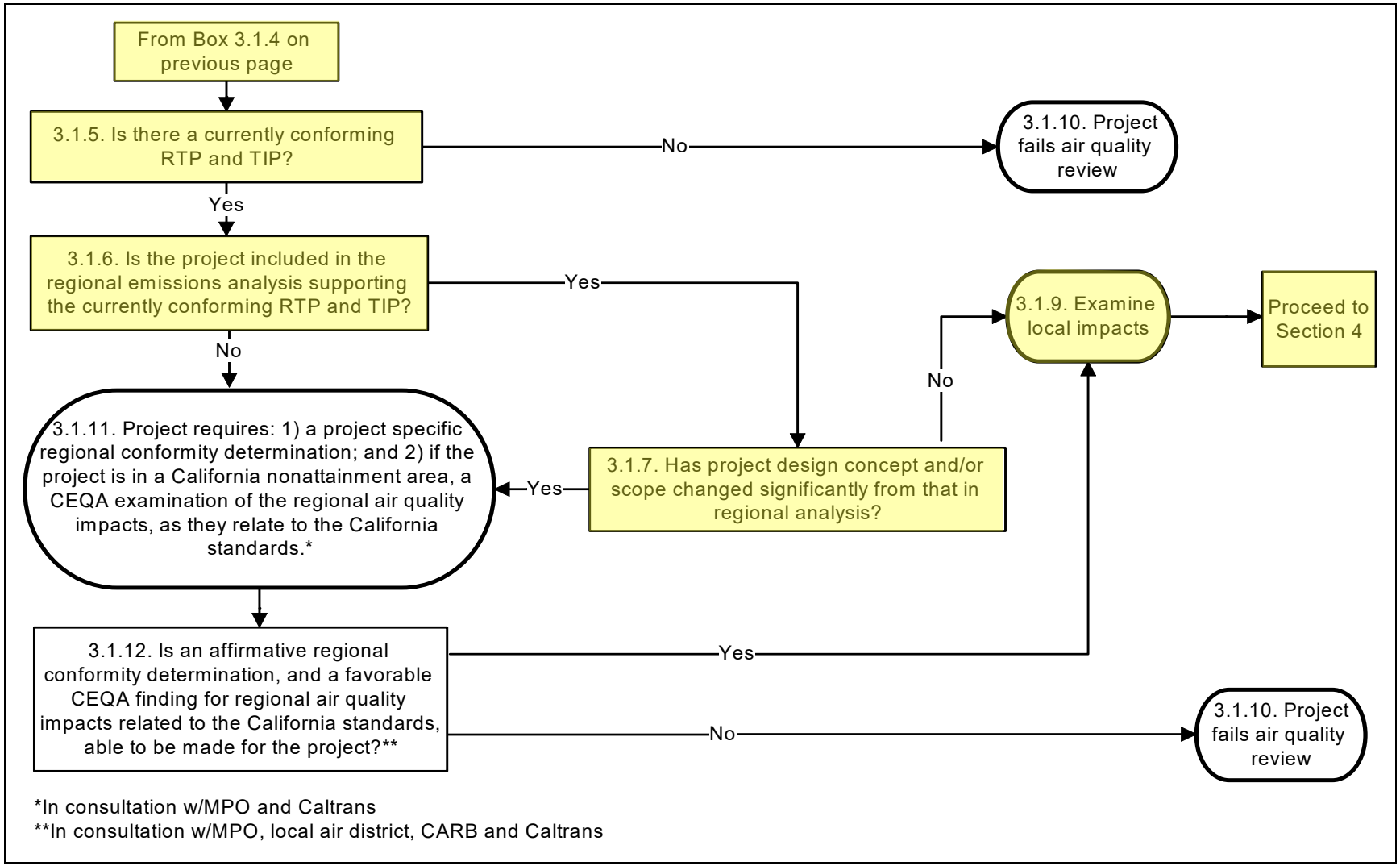


Figure 1 (cont.). Requirements for New Projects

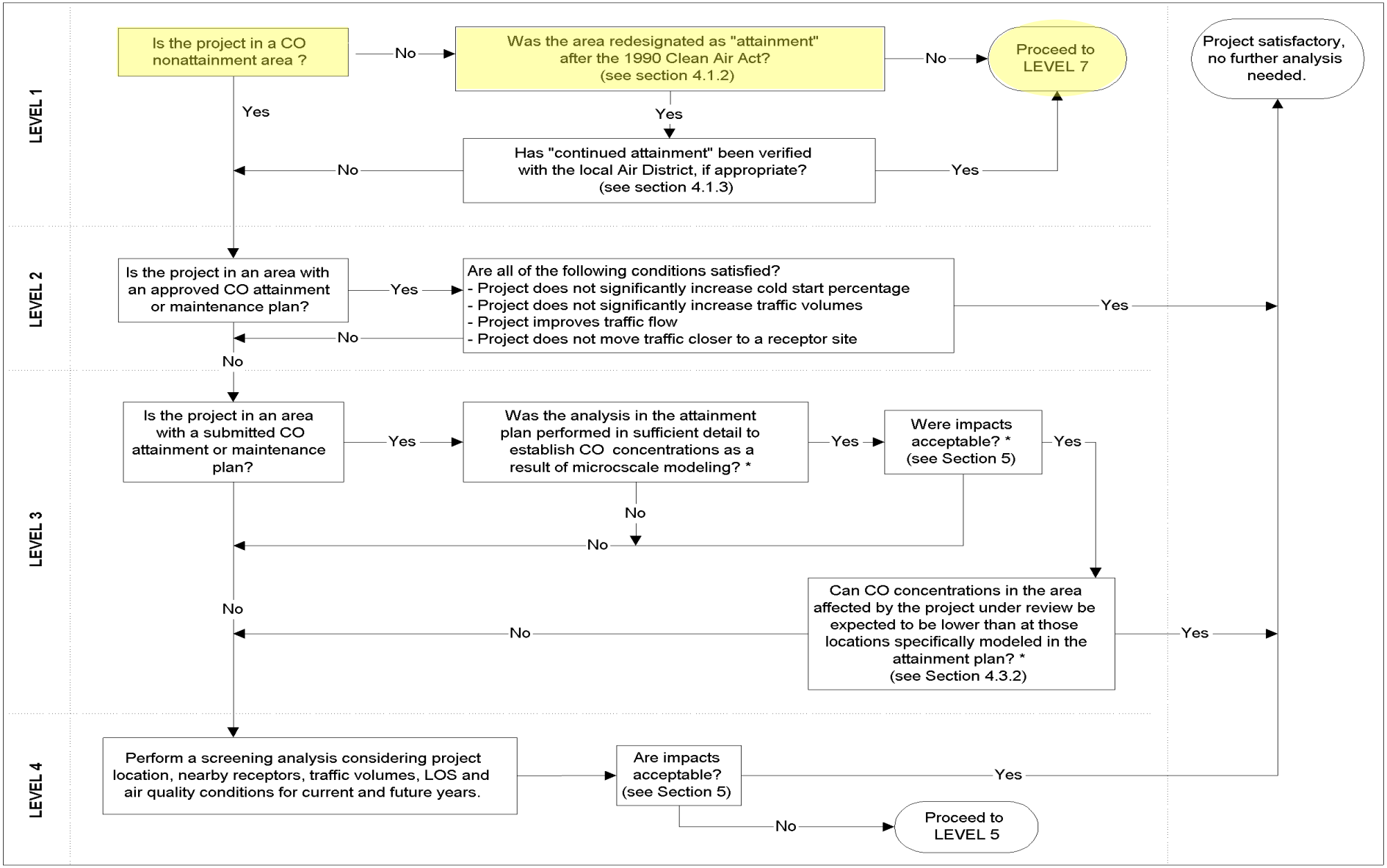


Figure 3. Local CO Analysis

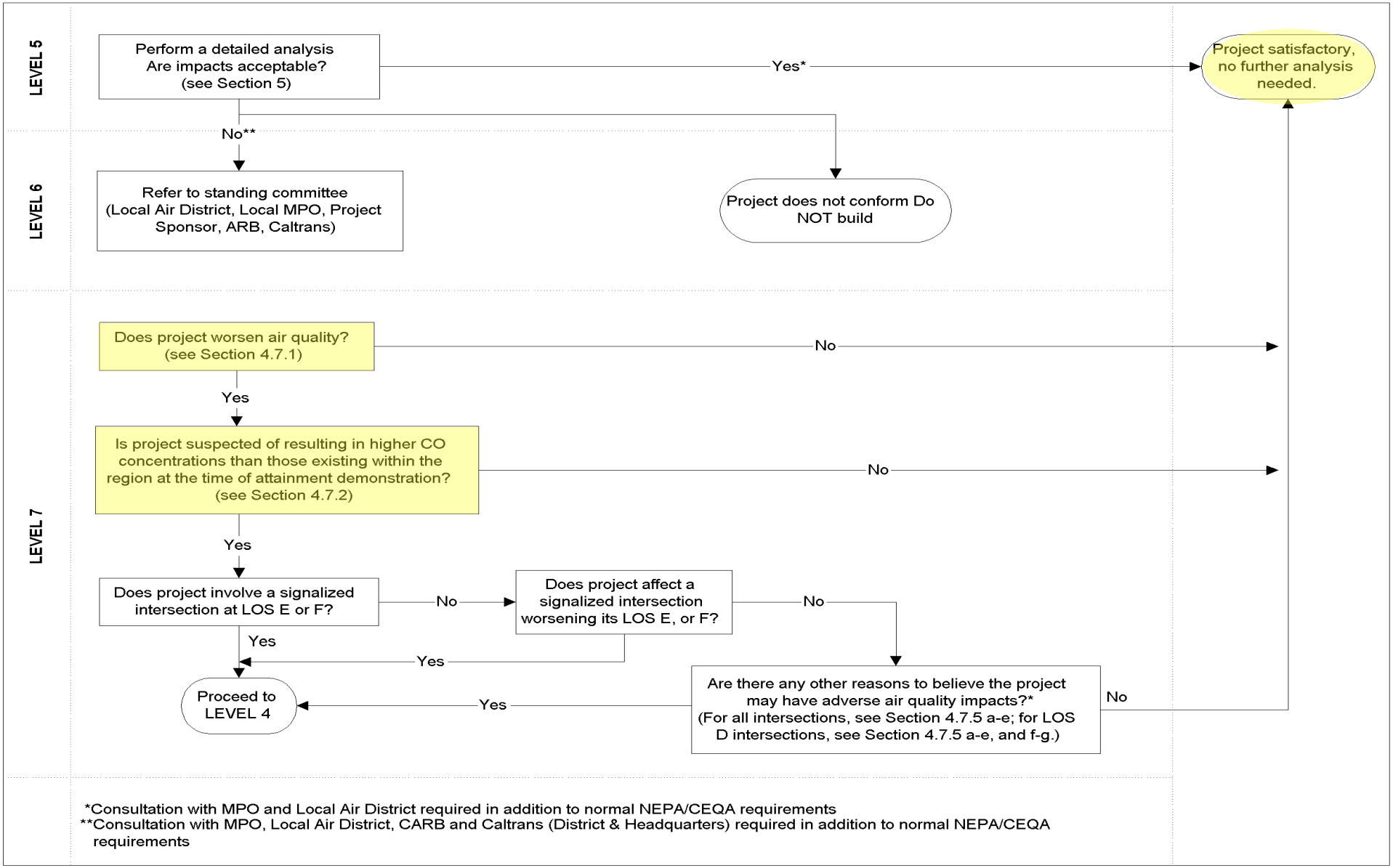


Figure 3 (cont.). Local CO Analysis

	No-Build 2030			Build 2030			Build 2030 v/l/h	
Intersection of Hueneme Road and Edison Drive	**# Lanes**	**AM**	**PM**	**# Lanes**	**AM**	**PM**	**AM**	**PM**
Edison Drive Southbound Through	1	6	8	1	6	8	6	8
Edison Drive Southbound Left	1	3	1	1	3	1	3	1
Edison Drive Northbound Right +Through	1	10	55	1	10	55	10	55
Edison Drive Northbound Left	1	12	12	1	12	12	12	12
Hueneme Road Eastbound Right	1	49	12	1	49	12	49	12
Hueneme Road Eastbound Through	1	693	531	1	730	532	730	532
Hueneme Road Eastbound Left	1	4	3	1	4	3	4	3
Hueneme Road Westbound Right + Through	1	463	902	2	464	961	232	481
Hueneme Road Westbound Left	1	10	8	1	10	8		
Intersection of Hueneme Road and Arnold Road								
Arnold Road Northbound Right + Left	1	15	23	1	15	23	15	23
Hueneme Road Eastbound Right + Through	1	699	591	2	736	592	368	296
Hueneme Road Westbound Through	1	485	909	2	486	969	243	485
Hueneme Road Westbound Left	1	10	4	1	10	4	10	4
Intersection of Hueneme Road and Olds Road								
Olds Road Southbound Right + Left	1	80	57	1	80	57	80	57
Hueneme Road Eastbound Through	1	648	571	2	686	573	343	287
Hueneme Road Eastbound Left	1	67	28	1	67	28	67	28
Hueneme Road Westbound Right + Through	1	493	962	2	495	1022	248	511
Intersection of Hueneme Road and Casper Road								
Casper Road Northbound Right + Left	1	13	50	1	13	50	13	50
Hueneme Road Eastbound Right + Through	1	700	592	2	739	594	370	297
Hueneme Road Westbound Through	1	485	931	2	486	987	243	494
Hueneme Road Westbound Left	1	13	17	1	13	17	13	17
Intersection of Hueneme Road and Rice Avenue								
Rice Avenue Southbound Right	1	115	212	1	115	216	115	216
Rice Avenue Southbound Left	1	41	10	1	41	10	41	10
Hueneme Road Eastbound Through	1	544	465	2	583	465	292	233
Hueneme Road Eastbound Left	2	167	149	2	167	149	84	75
Hueneme Road Westbound Right	1	37	75	1	37	75	37	75
Hueneme Road Westbound Through	1	415	758	2	421	780	211	390

	No-Build 2050			Build 2050			Build 2050 v/l/h	
Intersection of Hueneme Road and Edison Drive	**# Lanes**	**AM**	**PM**	**# Lanes**	**AM**	**PM**	**AM**	**PM**
Edison Drive Southbound Through	1	6	8	1	6	8	6	8
Edison Drive Southbound Left	1	3	1	1	3	1	3	1
Edison Drive Northbound Right +Through	1	4	4	1	4	4	7	55
Edison Drive Northbound Left	1	12	12	1	12	12	12	12
Hueneme Road Eastbound Right	1	49	12	1	49	12	49	12
Hueneme Road Eastbound Through	1	723	531	1	764	532	764	532
Hueneme Road Eastbound Left	1	4	3	1	4	3	4	3
Hueneme Road Westbound Right + Through	1	4	4	2	4	4	7	484
Hueneme Road Westbound Left	1	10	9	1	10	9		
Intersection of Hueneme Road and Arnold Road								
Arnold Road Northbound Right + Left	1	4	4	1	4	4	7	23
Hueneme Road Eastbound Right + Through	1	4	4	2	4	4	7	296
Hueneme Road Westbound Through	1	486	914	2	487	980	244	490
Hueneme Road Westbound Left	1	11	4	1	11	4	11	4
Intersection of Hueneme Road and Olds Road								
Olds Road Southbound Right + Left	1	4	4	1	4	4	7	60
Hueneme Road Eastbound Through	1	682	571	2	724	573	362	287
Hueneme Road Eastbound Left	1	68	30	1	68	30	68	30
Hueneme Road Westbound Right + Through	1	4	4	2	4	4	7	529
Intersection of Hueneme Road and Casper Road								
Casper Road Northbound Right + Left	1	4	4	1	4	4	7	81
Hueneme Road Eastbound Right + Through	1	4	4	2	4	4	7	299
Hueneme Road Westbound Through	1	494	931	2	495	993	248	497
Hueneme Road Westbound Left	1	29	30	1	29	30	29	30
Intersection of Hueneme Road and Rice Avenue								
Rice Avenue Southbound Right	1	124	274	1	124	278	124	278
Rice Avenue Southbound Left	1	57	18	1	57	18	57	18
Hueneme Road Eastbound Through	1	558	465	2	601	465	301	233
Hueneme Road Eastbound Left	2	235	149	2	235	149	118	75
Hueneme Road Westbound Right	1	76	86	1	76	86	76	86
Hueneme Road Westbound Through	1	484	758	2	491	782	246	391

Appendix E: Emission Calculations

Hueneme Rd Widening Summary Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

6. Climate Risk Detailed Report

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

7. Health and Equity Details

7.3. Overall Health & Equity Scores

7.5. Evaluation Scorecard

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Hueneme Rd Widening
Construction Start Date	1/1/2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.30
Precipitation (days)	12.0
Location	34.147714020200695, -119.15806449054145
County	Ventura
City	Unincorporated
Air District	Ventura County APCD
Air Basin	South Central Coast
TAZ	3422
EDFZ	8
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.30

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Road Widening	2.15	Mile	7.80	0.00	—	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-10-A	Water Exposed Surfaces
Construction	C-10-C	Water Unpaved Construction Roads
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads
Construction	C-12	Sweep Paved Roads

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.16	24.0	38.3	0.07	0.93	26.5	27.5	0.86	2.78	3.64	8,677
Mit.	3.16	24.0	38.3	0.07	0.93	7.26	8.19	0.86	0.84	1.69	8,677
% Reduced	—	—	—	—	—	73%	70%	—	70%	53%	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.15	24.0	38.1	0.07	0.93	26.5	27.5	0.86	2.78	3.64	8,649
Mit.	3.15	24.0	38.1	0.07	0.93	7.26	8.19	0.86	0.84	1.69	8,649
% Reduced	—	—	—	—	—	73%	70%	—	70%	53%	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.11	8.52	13.4	0.03	0.33	10.4	10.7	0.30	1.09	1.39	3,054
Mit.	1.11	8.52	13.4	0.03	0.33	2.84	3.17	0.30	0.32	0.63	3,054
% Reduced	—	—	—	—	—	73%	71%	—	70%	55%	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—

Unmit.	0.20	1.55	2.45	< 0.005	0.06	1.90	1.96	0.06	0.20	0.25	506
Mit.	0.20	1.55	2.45	< 0.005	0.06	0.52	0.58	0.06	0.06	0.11	506
% Reduced	—	—	—	—	—	73%	71%	—	70%	55%	—

6. Climate Risk Detailed Report

6.2. Initial Climate Risk Scores

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

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

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	1	1	1	2
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2

Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

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

7. Health and Equity Details

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	86.0
Healthy Places Index Score for Project Location (b)	40.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

Hueneme Rd Widening Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

3. Construction Emissions Details

3.1. Linear, Grubbing & Land Clearing (2030) - Unmitigated

3.2. Linear, Grubbing & Land Clearing (2030) - Mitigated

3.3. Linear, Grading & Excavation (2030) - Unmitigated

3.4. Linear, Grading & Excavation (2030) - Mitigated

3.5. Linear, Grading & Excavation (2031) - Unmitigated

3.6. Linear, Grading & Excavation (2031) - Mitigated

3.7. Linear, Drainage, Utilities, & Sub-Grade (2031) - Unmitigated

3.8. Linear, Drainage, Utilities, & Sub-Grade (2031) - Mitigated

3.9. Linear, Paving (2031) - Unmitigated

3.10. Linear, Paving (2031) - Mitigated

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Hueneme Rd Widening
Construction Start Date	1/1/2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.30
Precipitation (days)	12.0
Location	34.147714020200695, -119.15806449054145
County	Ventura
City	Unincorporated
Air District	Ventura County APCD
Air Basin	South Central Coast
TAZ	3422
EDFZ	8
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.30

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Road Widening	2.15	Mile	7.80	0.00	—	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-10-A	Water Exposed Surfaces
Construction	C-10-C	Water Unpaved Construction Roads
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads
Construction	C-12	Sweep Paved Roads

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.16	24.0	38.3	0.07	0.93	26.5	27.5	0.86	2.78	3.64	8,677
Mit.	3.16	24.0	38.3	0.07	0.93	7.26	8.19	0.86	0.84	1.69	8,677
% Reduced	—	—	—	—	—	73%	70%	—	70%	53%	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.15	24.0	38.1	0.07	0.93	26.5	27.5	0.86	2.78	3.64	8,649
Mit.	3.15	24.0	38.1	0.07	0.93	7.26	8.19	0.86	0.84	1.69	8,649
% Reduced	—	—	—	—	—	73%	70%	—	70%	53%	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.11	8.52	13.4	0.03	0.33	10.4	10.7	0.30	1.09	1.39	3,054
Mit.	1.11	8.52	13.4	0.03	0.33	2.84	3.17	0.30	0.32	0.63	3,054
% Reduced	—	—	—	—	—	73%	71%	—	70%	55%	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—

Unmit.	0.20	1.55	2.45	< 0.005	0.06	1.90	1.96	0.06	0.20	0.25	506
Mit.	0.20	1.55	2.45	< 0.005	0.06	0.52	0.58	0.06	0.06	0.11	506
% Reduced	—	—	—	—	—	73%	71%	—	70%	55%	—

2.2. Construction Emissions by Year, Unmitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
2030	3.16	24.0	38.3	0.07	0.93	26.5	27.5	0.86	2.78	3.64	8,677
2031	1.67	13.0	21.0	0.04	0.44	24.2	24.7	0.41	2.51	2.92	4,932
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
2030	3.15	24.0	38.1	0.07	0.93	26.5	27.5	0.86	2.78	3.64	8,649
2031	3.07	23.0	37.8	0.07	0.89	26.5	27.4	0.82	2.78	3.60	8,629
Average Daily	—	—	—	—	—	—	—	—	—	—	—
2030	1.11	8.52	13.4	0.03	0.33	10.4	10.7	0.30	1.09	1.39	3,054
2031	0.44	3.55	5.85	0.01	0.12	7.10	7.21	0.11	0.73	0.84	1,316
Annual	—	—	—	—	—	—	—	—	—	—	—
2030	0.20	1.55	2.45	< 0.005	0.06	1.90	1.96	0.06	0.20	0.25	506
2031	0.08	0.65	1.07	< 0.005	0.02	1.29	1.32	0.02	0.13	0.15	218

2.3. Construction Emissions by Year, Mitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—

2030	3.16	24.0	38.3	0.07	0.93	7.26	8.19	0.86	0.84	1.69	8,677
2031	1.67	13.0	21.0	0.04	0.44	6.54	6.99	0.41	0.74	1.15	4,932
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
2030	3.15	24.0	38.1	0.07	0.93	7.26	8.19	0.86	0.84	1.69	8,649
2031	3.07	23.0	37.8	0.07	0.89	7.26	8.15	0.82	0.84	1.66	8,629
Average Daily	—	—	—	—	—	—	—	—	—	—	—
2030	1.11	8.52	13.4	0.03	0.33	2.84	3.17	0.30	0.32	0.63	3,054
2031	0.44	3.55	5.85	0.01	0.12	1.91	2.03	0.11	0.22	0.32	1,316
Annual	—	—	—	—	—	—	—	—	—	—	—
2030	0.20	1.55	2.45	< 0.005	0.06	0.52	0.58	0.06	0.06	0.11	506
2031	0.08	0.65	1.07	< 0.005	0.02	0.35	0.37	0.02	0.04	0.06	218

3. Construction Emissions Details

3.1. Linear, Grubbing & Land Clearing (2030) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	3.45	4.43	0.01	0.13	—	0.13	0.12	—	0.12	635
Dust From Material Movement	—	—	—	—	—	0.53	0.53	—	0.06	0.06	—
Onsite truck	< 0.005	0.06	0.02	< 0.005	< 0.005	22.1	22.1	< 0.005	2.20	2.20	48.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.03	0.25	0.32	< 0.005	0.01	—	0.01	0.01	—	0.01	45.2
Dust From Material Movement	—	—	—	—	—	0.04	0.04	—	< 0.005	< 0.005	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.52	1.52	< 0.005	0.15	0.15	3.44
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.04	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	7.49
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.28	0.28	< 0.005	0.03	0.03	0.57
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.80	0.00	0.00	0.23	0.23	0.00	0.05	0.05	217
Vendor	< 0.005	0.12	0.04	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	114
Hauling	< 0.005	0.30	0.08	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	256
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	14.9
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	8.14
Hauling	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	18.2
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	2.46
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.35
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	3.02

3.2. Linear, Grubbing & Land Clearing (2030) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	3.45	4.43	0.01	0.13	—	0.13	0.12	—	0.12	635
Dust From Material Movement	—	—	—	—	—	0.14	0.14	—	0.01	0.01	—
Onsite truck	< 0.005	0.06	0.02	< 0.005	< 0.005	5.57	5.57	< 0.005	0.56	0.56	48.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.25	0.32	< 0.005	0.01	—	0.01	0.01	—	0.01	45.2
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.38	0.38	< 0.005	0.04	0.04	3.44
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.04	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	7.49
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.07	0.07	< 0.005	0.01	0.01	0.57
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.80	0.00	0.00	0.23	0.23	0.00	0.05	0.05	217
Vendor	< 0.005	0.12	0.04	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	114
Hauling	< 0.005	0.30	0.08	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	256

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	14.9
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	8.14
Hauling	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	18.2
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	2.46
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.35
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	3.02

3.3. Linear, Grading & Excavation (2030) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.00	23.4	36.0	0.07	0.93	—	0.93	0.85	—	0.85	7,669
Dust From Material Movement	—	—	—	—	—	3.71	3.71	—	0.40	0.40	—
Onsite truck	< 0.005	0.06	0.02	< 0.005	< 0.005	22.1	22.1	< 0.005	2.20	2.20	48.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.00	23.4	36.0	0.07	0.93	—	0.93	0.85	—	0.85	7,669
Dust From Material Movement	—	—	—	—	—	3.71	3.71	—	0.40	0.40	—
Onsite truck	< 0.005	0.06	0.02	< 0.005	< 0.005	22.1	22.1	< 0.005	2.20	2.20	48.3

Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.03	8.01	12.3	0.02	0.32	—	0.32	0.29	—	0.29	2,626
Dust From Material Movement	—	—	—	—	—	1.27	1.27	—	0.14	0.14	—
Onsite truck	< 0.005	0.02	0.01	< 0.005	< 0.005	7.31	7.31	< 0.005	0.73	0.73	16.6
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	1.46	2.25	< 0.005	0.06	—	0.06	0.05	—	0.05	435
Dust From Material Movement	—	—	—	—	—	0.23	0.23	—	0.03	0.03	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.33	1.33	< 0.005	0.13	0.13	2.74
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.14	2.16	0.00	0.00	0.62	0.62	0.00	0.15	0.15	589
Vendor	< 0.005	0.12	0.04	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	114
Hauling	< 0.005	0.30	0.08	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	256
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.17	1.94	0.00	0.00	0.62	0.62	0.00	0.15	0.15	562
Vendor	< 0.005	0.12	0.04	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	114
Hauling	< 0.005	0.31	0.08	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	256
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.06	0.67	0.00	0.00	0.21	0.21	0.00	0.05	0.05	194
Vendor	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	39.1
Hauling	< 0.005	0.11	0.03	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	87.6
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.12	0.00	0.00	0.04	0.04	0.00	0.01	0.01	32.1

Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	6.48
Hauling	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	14.5

3.4. Linear, Grading & Excavation (2030) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.00	23.4	36.0	0.07	0.93	—	0.93	0.85	—	0.85	7,669
Dust From Material Movement	—	—	—	—	—	0.97	0.97	—	0.10	0.10	—
Onsite truck	< 0.005	0.06	0.02	< 0.005	< 0.005	5.57	5.57	< 0.005	0.56	0.56	48.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.00	23.4	36.0	0.07	0.93	—	0.93	0.85	—	0.85	7,669
Dust From Material Movement	—	—	—	—	—	0.97	0.97	—	0.10	0.10	—
Onsite truck	< 0.005	0.06	0.02	< 0.005	< 0.005	5.57	5.57	< 0.005	0.56	0.56	48.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.03	8.01	12.3	0.02	0.32	—	0.32	0.29	—	0.29	2,626
Dust From Material Movement	—	—	—	—	—	0.33	0.33	—	0.04	0.04	—
Onsite truck	< 0.005	0.02	0.01	< 0.005	< 0.005	1.84	1.84	< 0.005	0.18	0.18	16.6
Annual	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.19	1.46	2.25	< 0.005	0.06	—	0.06	0.05	—	0.05	435
Dust From Material Movement	—	—	—	—	—	0.06	0.06	—	0.01	0.01	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.34	0.34	< 0.005	0.03	0.03	2.74
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.14	2.16	0.00	0.00	0.62	0.62	0.00	0.15	0.15	589
Vendor	< 0.005	0.12	0.04	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	114
Hauling	< 0.005	0.30	0.08	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	256
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.17	1.94	0.00	0.00	0.62	0.62	0.00	0.15	0.15	562
Vendor	< 0.005	0.12	0.04	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	114
Hauling	< 0.005	0.31	0.08	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	256
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.06	0.67	0.00	0.00	0.21	0.21	0.00	0.05	0.05	194
Vendor	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	39.1
Hauling	< 0.005	0.11	0.03	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	87.6
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.12	0.00	0.00	0.04	0.04	0.00	0.01	0.01	32.1
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	6.48
Hauling	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	14.5

3.5. Linear, Grading & Excavation (2031) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.92	22.4	35.9	0.07	0.89	—	0.89	0.81	—	0.81	7,669
Dust From Material Movement	—	—	—	—	—	3.71	3.71	—	0.40	0.40	—
Onsite truck	< 0.005	0.06	0.02	< 0.005	< 0.005	22.1	22.1	< 0.005	2.20	2.20	47.0
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.39	0.63	< 0.005	0.02	—	0.02	0.01	—	0.01	135
Dust From Material Movement	—	—	—	—	—	0.07	0.07	—	0.01	0.01	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.38	0.38	< 0.005	0.04	0.04	0.83
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.07	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	22.4
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.07	0.07	< 0.005	0.01	0.01	0.14
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.15	1.82	0.00	0.00	0.62	0.62	0.00	0.15	0.15	553
Vendor	< 0.005	0.12	0.04	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	111
Hauling	< 0.005	0.30	0.08	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	249
Average Daily	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	9.82
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.95
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	4.38
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	1.63
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.32
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.73

3.6. Linear, Grading & Excavation (2031) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.92	22.4	35.9	0.07	0.89	—	0.89	0.81	—	0.81	7,669
Dust From Material Movement	—	—	—	—	—	0.97	0.97	—	0.10	0.10	—
Onsite truck	< 0.005	0.06	0.02	< 0.005	< 0.005	5.57	5.57	< 0.005	0.56	0.56	47.0
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.39	0.63	< 0.005	0.02	—	0.02	0.01	—	0.01	135
Dust From Material Movement	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.09	0.09	< 0.005	0.01	0.01	0.83
Annual	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.07	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	22.4
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	0.14
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.15	1.82	0.00	0.00	0.62	0.62	0.00	0.15	0.15	553
Vendor	< 0.005	0.12	0.04	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	111
Hauling	< 0.005	0.30	0.08	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	249
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	9.82
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.95
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	4.38
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	1.63
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.32
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.73

3.7. Linear, Drainage, Utilities, & Sub-Grade (2031) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.56	12.5	19.4	0.04	0.44	—	0.44	0.40	—	0.40	4,101

Dust From Material Movement	—	—	—	—	—	1.59	1.59	—	0.17	0.17	—
Onsite truck	< 0.005	0.06	0.02	< 0.005	< 0.005	22.1	22.1	< 0.005	2.20	2.20	47.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.56	12.5	19.4	0.04	0.44	—	0.44	0.40	—	0.40	4,101
Dust From Material Movement	—	—	—	—	—	1.59	1.59	—	0.17	0.17	—
Onsite truck	< 0.005	0.06	0.02	< 0.005	< 0.005	22.1	22.1	< 0.005	2.20	2.20	47.0
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	2.26	3.50	0.01	0.08	—	0.08	0.07	—	0.07	742
Dust From Material Movement	—	—	—	—	—	0.29	0.29	—	0.03	0.03	—
Onsite truck	< 0.005	0.01	< 0.005	< 0.005	< 0.005	3.86	3.86	< 0.005	0.39	0.39	8.50
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.41	0.64	< 0.005	0.01	—	0.01	0.01	—	0.01	123
Dust From Material Movement	—	—	—	—	—	0.05	0.05	—	0.01	0.01	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.70	0.70	< 0.005	0.07	0.07	1.41
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	1.48	0.00	0.00	0.46	0.46	0.00	0.11	0.11	423
Vendor	< 0.005	0.11	0.04	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	111
Hauling	< 0.005	0.28	0.08	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	249
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—

Worker	0.10	0.11	1.34	0.00	0.00	0.46	0.46	0.00	0.11	0.11	407
Vendor	< 0.005	0.12	0.04	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	111
Hauling	< 0.005	0.30	0.08	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	249
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.24	0.00	0.00	0.08	0.08	0.00	0.02	0.02	74.3
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	20.0
Hauling	< 0.005	0.05	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	45.0
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	12.3
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	3.31
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	7.44

3.8. Linear, Drainage, Utilities, & Sub-Grade (2031) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.56	12.5	19.4	0.04	0.44	—	0.44	0.40	—	0.40	4,101
Dust From Material Movement	—	—	—	—	—	0.41	0.41	—	0.04	0.04	—
Onsite truck	< 0.005	0.06	0.02	< 0.005	< 0.005	5.57	5.57	< 0.005	0.56	0.56	47.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.56	12.5	19.4	0.04	0.44	—	0.44	0.40	—	0.40	4,101
Dust From Material Movement	—	—	—	—	—	0.41	0.41	—	0.04	0.04	—

Onsite truck	< 0.005	0.06	0.02	< 0.005	< 0.005	5.57	5.57	< 0.005	0.56	0.56	47.0
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	2.26	3.50	0.01	0.08	—	0.08	0.07	—	0.07	742
Dust From Material Movement	—	—	—	—	—	0.07	0.07	—	0.01	0.01	—
Onsite truck	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.97	0.97	< 0.005	0.10	0.10	8.50
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.41	0.64	< 0.005	0.01	—	0.01	0.01	—	0.01	123
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.18	0.18	< 0.005	0.02	0.02	1.41
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	1.48	0.00	0.00	0.46	0.46	0.00	0.11	0.11	423
Vendor	< 0.005	0.11	0.04	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	111
Hauling	< 0.005	0.28	0.08	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	249
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.11	1.34	0.00	0.00	0.46	0.46	0.00	0.11	0.11	407
Vendor	< 0.005	0.12	0.04	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	111
Hauling	< 0.005	0.30	0.08	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	249
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.24	0.00	0.00	0.08	0.08	0.00	0.02	0.02	74.3
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	20.0
Hauling	< 0.005	0.05	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	45.0
Annual	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	12.3
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	3.31
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	7.44

3.9. Linear, Paving (2031) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	6.59	11.7	0.02	0.19	—	0.19	0.18	—	0.18	1,773
Onsite truck	< 0.005	0.06	0.02	< 0.005	< 0.005	22.1	22.1	< 0.005	2.20	2.20	47.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.72	1.28	< 0.005	0.02	—	0.02	0.02	—	0.02	194
Onsite truck	< 0.005	0.01	< 0.005	< 0.005	< 0.005	2.34	2.34	< 0.005	0.23	0.23	5.15
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.13	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	32.2
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.43	0.43	< 0.005	0.04	0.04	0.85
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	1.16	0.00	0.00	0.36	0.36	0.00	0.08	0.08	332
Vendor	< 0.005	0.11	0.04	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	111
Hauling	< 0.005	0.28	0.08	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	249
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.12	0.00	0.00	0.04	0.04	0.00	0.01	0.01	35.4
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	12.1
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	27.3
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	5.85
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	2.01
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	4.51

3.10. Linear, Paving (2031) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	6.59	11.7	0.02	0.19	—	0.19	0.18	—	0.18	1,773
Onsite truck	< 0.005	0.06	0.02	< 0.005	< 0.005	5.57	5.57	< 0.005	0.56	0.56	47.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.72	1.28	< 0.005	0.02	—	0.02	0.02	—	0.02	194
Onsite truck	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.59	0.59	< 0.005	0.06	0.06	5.15
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.13	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	32.2
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.11	0.11	< 0.005	0.01	0.01	0.85
Offsite	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	1.16	0.00	0.00	0.36	0.36	0.00	0.08	0.08	332
Vendor	< 0.005	0.11	0.04	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	111
Hauling	< 0.005	0.28	0.08	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	249
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.12	0.00	0.00	0.04	0.04	0.00	0.01	0.01	35.4
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	12.1
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	27.3
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	5.85
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	2.01
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	4.51

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—

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

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—

—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Linear, Grubbing & Land Clearing	Linear, Grubbing & Land Clearing	6/4/2030	7/9/2030	5.00	26.0	—
Linear, Grading & Excavation	Linear, Grading & Excavation	7/10/2030	1/9/2031	5.00	132	—
Linear, Drainage, Utilities, & Sub-Grade	Linear, Drainage, Utilities, & Sub-Grade	1/10/2031	4/11/2031	5.00	66.0	—
Linear, Paving	Linear, Paving	4/12/2031	6/6/2031	5.00	40.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Linear, Grubbing & Land Clearing	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Linear, Grubbing & Land Clearing	Excavators	Diesel	Average	2.00	8.00	36.0	0.38

Linear, Grubbing & Land Clearing	Signal Boards	Electric	Average	4.00	8.00	6.00	0.82
Linear, Grading & Excavation	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Linear, Grading & Excavation	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Linear, Grading & Excavation	Graders	Diesel	Average	2.00	8.00	148	0.41
Linear, Grading & Excavation	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Linear, Grading & Excavation	Rubber Tired Loaders	Diesel	Average	1.00	8.00	150	0.36
Linear, Grading & Excavation	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Linear, Grading & Excavation	Signal Boards	Electric	Average	4.00	8.00	6.00	0.82
Linear, Grading & Excavation	Tractors/Loaders/Back hoes	Diesel	Average	4.00	8.00	84.0	0.37
Linear, Drainage, Utilities, & Sub-Grade	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Linear, Drainage, Utilities, & Sub-Grade	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Linear, Drainage, Utilities, & Sub-Grade	Graders	Diesel	Average	1.00	8.00	148	0.41
Linear, Drainage, Utilities, & Sub-Grade	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Linear, Drainage, Utilities, & Sub-Grade	Pumps	Diesel	Average	1.00	8.00	11.0	0.74
Linear, Drainage, Utilities, & Sub-Grade	Rough Terrain Forklifts	Diesel	Average	1.00	8.00	96.0	0.40
Linear, Drainage, Utilities, & Sub-Grade	Scrapers	Diesel	Average	1.00	8.00	423	0.48
Linear, Drainage, Utilities, & Sub-Grade	Signal Boards	Electric	Average	4.00	8.00	6.00	0.82

Linear, Drainage, Utilities, & Sub-Grade	Tractors/Loaders/Back hoes	Diesel	Average	3.00	8.00	84.0	0.37
Linear, Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Linear, Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Linear, Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Linear, Paving	Signal Boards	Electric	Average	4.00	8.00	6.00	0.82
Linear, Paving	Tractors/Loaders/Back hoes	Diesel	Average	3.00	8.00	84.0	0.37

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Linear, Grubbing & Land Clearing	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Linear, Grubbing & Land Clearing	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Linear, Grubbing & Land Clearing	Signal Boards	Electric	Average	4.00	8.00	6.00	0.82
Linear, Grading & Excavation	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Linear, Grading & Excavation	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Linear, Grading & Excavation	Graders	Diesel	Average	2.00	8.00	148	0.41
Linear, Grading & Excavation	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Linear, Grading & Excavation	Rubber Tired Loaders	Diesel	Average	1.00	8.00	150	0.36
Linear, Grading & Excavation	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Linear, Grading & Excavation	Signal Boards	Electric	Average	4.00	8.00	6.00	0.82
Linear, Grading & Excavation	Tractors/Loaders/Back hoes	Diesel	Average	4.00	8.00	84.0	0.37

Linear, Drainage, Utilities, & Sub-Grade	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Linear, Drainage, Utilities, & Sub-Grade	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Linear, Drainage, Utilities, & Sub-Grade	Graders	Diesel	Average	1.00	8.00	148	0.41
Linear, Drainage, Utilities, & Sub-Grade	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Linear, Drainage, Utilities, & Sub-Grade	Pumps	Diesel	Average	1.00	8.00	11.0	0.74
Linear, Drainage, Utilities, & Sub-Grade	Rough Terrain Forklifts	Diesel	Average	1.00	8.00	96.0	0.40
Linear, Drainage, Utilities, & Sub-Grade	Scrapers	Diesel	Average	1.00	8.00	423	0.48
Linear, Drainage, Utilities, & Sub-Grade	Signal Boards	Electric	Average	4.00	8.00	6.00	0.82
Linear, Drainage, Utilities, & Sub-Grade	Tractors/Loaders/Back hoes	Diesel	Average	3.00	8.00	84.0	0.37
Linear, Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Linear, Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Linear, Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Linear, Paving	Signal Boards	Electric	Average	4.00	8.00	6.00	0.82
Linear, Paving	Tractors/Loaders/Back hoes	Diesel	Average	3.00	8.00	84.0	0.37

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Linear, Grubbing & Land Clearing	—	—	—	—
Linear, Grubbing & Land Clearing	Worker	17.5	18.5	LDA,LDT1,LDT2
Linear, Grubbing & Land Clearing	Vendor	4.00	10.2	HHDT,MHDT

Linear, Grubbing & Land Clearing	Hauling	4.00	20.0	HHDT
Linear, Grubbing & Land Clearing	Onsite truck	1.00	15.0	HHDT
Linear, Grading & Excavation	—	—	—	—
Linear, Grading & Excavation	Worker	47.5	18.5	LDA,LDT1,LDT2
Linear, Grading & Excavation	Vendor	4.00	10.2	HHDT,MHDT
Linear, Grading & Excavation	Hauling	4.00	20.0	HHDT
Linear, Grading & Excavation	Onsite truck	1.00	15.0	HHDT
Linear, Drainage, Utilities, & Sub-Grade	—	—	—	—
Linear, Drainage, Utilities, & Sub-Grade	Worker	35.0	18.5	LDA,LDT1,LDT2
Linear, Drainage, Utilities, & Sub-Grade	Vendor	4.00	10.2	HHDT,MHDT
Linear, Drainage, Utilities, & Sub-Grade	Hauling	4.00	20.0	HHDT
Linear, Drainage, Utilities, & Sub-Grade	Onsite truck	1.00	15.0	HHDT
Linear, Paving	—	—	—	—
Linear, Paving	Worker	27.5	18.5	LDA,LDT1,LDT2
Linear, Paving	Vendor	4.00	10.2	HHDT,MHDT
Linear, Paving	Hauling	4.00	20.0	HHDT
Linear, Paving	Onsite truck	1.00	15.0	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Linear, Grubbing & Land Clearing	—	—	—	—
Linear, Grubbing & Land Clearing	Worker	17.5	18.5	LDA,LDT1,LDT2
Linear, Grubbing & Land Clearing	Vendor	4.00	10.2	HHDT,MHDT
Linear, Grubbing & Land Clearing	Hauling	4.00	20.0	HHDT
Linear, Grubbing & Land Clearing	Onsite truck	1.00	15.0	HHDT

Linear, Grading & Excavation	—	—	—	—
Linear, Grading & Excavation	Worker	47.5	18.5	LDA,LDT1,LDT2
Linear, Grading & Excavation	Vendor	4.00	10.2	HHDT,MHDT
Linear, Grading & Excavation	Hauling	4.00	20.0	HHDT
Linear, Grading & Excavation	Onsite truck	1.00	15.0	HHDT
Linear, Drainage, Utilities, & Sub-Grade	—	—	—	—
Linear, Drainage, Utilities, & Sub-Grade	Worker	35.0	18.5	LDA,LDT1,LDT2
Linear, Drainage, Utilities, & Sub-Grade	Vendor	4.00	10.2	HHDT,MHDT
Linear, Drainage, Utilities, & Sub-Grade	Hauling	4.00	20.0	HHDT
Linear, Drainage, Utilities, & Sub-Grade	Onsite truck	1.00	15.0	HHDT
Linear, Paving	—	—	—	—
Linear, Paving	Worker	27.5	18.5	LDA,LDT1,LDT2
Linear, Paving	Vendor	4.00	10.2	HHDT,MHDT
Linear, Paving	Hauling	4.00	20.0	HHDT
Linear, Paving	Onsite truck	1.00	15.0	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Linear, Grubbing & Land Clearing	—	—	7.80	0.00	—
Linear, Grading & Excavation	—	—	7.80	0.00	—
Linear, Drainage, Utilities, & Sub-Grade	—	—	7.80	0.00	—

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Road Widening	3.00	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2030	235	532	0.03	< 0.005
2031	352	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	9.95	annual days of extreme heat
Extreme Precipitation	4.45	annual days with precipitation above 20 mm

Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

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

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

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	1	1	1	2

Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	26.7
AQ-PM	24.8
AQ-DPM	47.4
Drinking Water	72.3
Lead Risk Housing	59.3
Pesticides	99.6
Toxic Releases	94.3
Traffic	22.6
Effect Indicators	—

CleanUp Sites	87.7
Groundwater	90.3
Haz Waste Facilities/Generators	28.3
Impaired Water Bodies	97.5
Solid Waste	80.0
Sensitive Population	—
Asthma	48.3
Cardio-vascular	63.3
Low Birth Weights	42.8
Socioeconomic Factor Indicators	—
Education	74.7
Housing	53.6
Linguistic	78.0
Poverty	66.9
Unemployment	74.7

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	29.05171308
Employed	59.69459772
Median HI	41.31913255
Education	—
Bachelor's or higher	15.47542666
High school enrollment	18.81175414
Preschool enrollment	83.10021814
Transportation	—

Auto Access	98.98626973
Active commuting	42.61516746
Social	—
2-parent households	48.81303734
Voting	48.7488772
Neighborhood	—
Alcohol availability	35.66020788
Park access	7.878865649
Retail density	14.47452842
Supermarket access	65.16104196
Tree canopy	9.534197357
Housing	—
Homeownership	59.66893366
Housing habitability	24.07288592
Low-inc homeowner severe housing cost burden	4.59386629
Low-inc renter severe housing cost burden	76.22225074
Uncrowded housing	7.35275247
Health Outcomes	—
Insured adults	16.16835622
Arthritis	68.4
Asthma ER Admissions	70.5
High Blood Pressure	45.3
Cancer (excluding skin)	71.8
Asthma	37.3
Coronary Heart Disease	54.4
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	38.1
Life Expectancy at Birth	21.8

Cognitively Disabled	22.1
Physically Disabled	18.7
Heart Attack ER Admissions	73.9
Mental Health Not Good	33.4
Chronic Kidney Disease	35.4
Obesity	33.5
Pedestrian Injuries	19.6
Physical Health Not Good	34.4
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	40.3
Current Smoker	40.0
No Leisure Time for Physical Activity	26.3
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	49.8
Children	15.5
Elderly	77.3
English Speaking	27.3
Foreign-born	84.7
Outdoor Workers	8.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	47.3
Traffic Density	16.8
Traffic Access	23.0
Other Indices	—
Hardship	76.8
Other Decision Support	—

2016 Voting	41.2

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	86.0
Healthy Places Index Score for Project Location (b)	40.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Based on estimated construction start/end dates provided.
Construction: Paving	Based on estimated area to be paved.
Construction: Trips and VMT	Assumes 4 vendor and 4 HDT trips per day. One onsite water truck, 15 m/day assuming 3 passes/day the length of the project site. Worker trips based on model defaults.

```
           File Name:   Ventura (SCC) - 2023 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:25:37 AM
                Area:   Ventura (SCC)
       Analysis Year:   2023
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.041                 0.507                   0.493
         Truck 2             0.031                 0.932                   0.052
       Non-Truck             0.928                 0.008                   0.955

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.1 miles
          Volume:            73 vehicles per hour
 Number of Hours:            24 hours
             VMT:         175.2 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
===================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                PM2.5               0.4               -             0.4             0.6
3.1                 4.4           0.010         < 0.001
                 PM10               0.4               -             1.5             1.6
21.0               24.5           0.054         < 0.001
                  NOx              27.3               -               -               -
```

```
 -                 27.3          0.060        < 0.001
                   CO            136.8              -              -              -
 -                136.8          0.302        < 0.001
                  ROG              3.1            4.3              -              -
 -                  7.4          0.016        < 0.001
                  CO2         59,711.3              -              -              -
 -            59,711.3        131.641          0.066
                  N2O              2.5              -              -              -
 -                  2.5          0.005        < 0.001
                  CH4              1.0              -              -              -
 -                  1.0          0.002        < 0.001
                   BC            < 0.1              -              -              -
 -                < 0.1        < 0.001        < 0.001
                  HFC                -          < 0.1              -              -
 -                < 0.1        < 0.001        < 0.001

==========================================================================================
===================================

Summary of GHG Emissions

                            Emissions                    CO2e
       Pollutant Name     (metric tons)           (metric tons)
                  CO2            0.060                   0.060
                  N2O          < 0.001                 < 0.001
                  CH4          < 0.001                 < 0.001
                   BC          < 0.001                 < 0.001
                  HFC          < 0.001                 < 0.001
           Total CO2e                -                   0.061

==========================================================================================
===================================

Summary of Consumptions

             Gasoline            6.075        gallons
               Diesel            0.871        gallons
          Natural Gas            0.020        diesel-equivalent gallons
          Electricity            1.956        kilowatt-hours

==========================================================END=============================================
===================================
```

```
           File Name:   Ventura (SCC) - 2023 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:26:02 AM
                Area:   Ventura (SCC)
       Analysis Year:   2023
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.041                 0.507                   0.493
         Truck 2             0.031                 0.932                   0.052
       Non-Truck             0.928                 0.008                   0.955

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           1.7 miles
          Volume:           649 vehicles per hour
 Number of Hours:            24 hours
             VMT:       26479.2 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
===================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                 PM2.5              53.7               -            57.0            85.1
475.9             671.7           1.481         < 0.001
                  PM10              57.1               -           228.1           243.1
3,172.4         3,700.8           8.159           0.004
                   NOx           4,122.5               -               -               -
```

-	4,122.5	9.089	0.005			
	CO	20,677.6	-	-	-	
-	20,677.6	45.586	0.023			
	ROG	472.1	646.1	-	-	
-	1,118.2	2.465	0.001			
	CO2	9,024,585.0	-	-	-	
-	9,024,585.0	19,895.803	9.948			
	N2O	372.2	-	-	-	
-	372.2	0.821	< 0.001			
	CH4	147.9	-	-	-	
-	147.9	0.326	< 0.001			
	BC	10.2	-	-	-	
-	10.2	0.023	< 0.001			
	HFC	-	12.0	-	-	
-	12.0	0.026	< 0.001			

==========

Summary of GHG Emissions

Pollutant Name	Emissions (metric tons)	CO2e (metric tons)
CO2	9.025	9.025
N2O	< 0.001	0.111
CH4	< 0.001	0.004
BC	< 0.001	0.005
HFC	< 0.001	0.017
Total CO2e	-	9.161

==========

Summary of Consumptions

Gasoline	918.193	gallons
Diesel	131.681	gallons
Natural Gas	3.072	diesel-equivalent gallons
Electricity	295.667	kilowatt-hours

==========END==========

```
           File Name:   Ventura (SCC) - 2023 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:26:23 AM
                Area:   Ventura (SCC)
       Analysis Year:   2023
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.041                 0.507                   0.493
         Truck 2             0.031                 0.932                   0.052
       Non-Truck             0.928                 0.008                   0.955

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.4 miles
          Volume:           543 vehicles per hour
 Number of Hours:            24 hours
             VMT:        5212.8 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
===================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                 PM2.5              10.6               -            11.2            16.8
93.7              132.2           0.292         < 0.001
                  PM10              11.2               -            44.9            47.9
624.5             728.6           1.606         < 0.001
                   NOx             811.6               -               -               -
```

```
 -                811.6           1.789         < 0.001
                   CO           4,070.7               -               -               -
 -              4,070.7           8.974           0.004
                  ROG             92.9           127.2               -               -
 -                220.1           0.485         < 0.001
                  CO2       1,776,615.5               -               -               -
 -          1,776,615.5       3,916.766           1.958
                  N2O             73.3               -               -               -
 -                 73.3           0.162         < 0.001
                  CH4             29.1               -               -               -
 -                 29.1           0.064         < 0.001
                   BC              2.0               -               -               -
 -                  2.0           0.004         < 0.001
                  HFC                -             2.4               -               -
 -                  2.4           0.005         < 0.001

==========================================================================================
===================================

Summary of GHG Emissions

                             Emissions                    CO2e
       Pollutant Name     (metric tons)           (metric tons)
                  CO2             1.777                   1.777
                  N2O           < 0.001                   0.022
                  CH4           < 0.001                 < 0.001
                   BC           < 0.001                 < 0.001
                  HFC           < 0.001                   0.003
           Total CO2e                 -                   1.803

==========================================================================================
===================================

Summary of Consumptions

             Gasoline           180.759         gallons
               Diesel            25.923         gallons
          Natural Gas             0.605         diesel-equivalent gallons
          Electricity            58.206         kilowatt-hours

==========================================================END=====================================
===================================
```

```
           File Name:   Ventura (SCC) - 2023 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:26:47 AM
                Area:   Ventura (SCC)
       Analysis Year:   2023
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.041                 0.507                   0.493
         Truck 2             0.031                 0.932                   0.052
       Non-Truck             0.928                 0.008                   0.955

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.1 miles
          Volume:           651 vehicles per hour
 Number of Hours:            24 hours
             VMT:        1562.4 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
==================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                PM2.5               3.2               -             3.4             5.0
28.1               39.6           0.087         < 0.001
                 PM10               3.4               -            13.5            14.3
187.2             218.4           0.481         < 0.001
                  NOx             243.3               -               -               -
```

```
 -                243.3           0.536         < 0.001
                   CO           1,220.1               -               -               -
 -              1,220.1           2.690           0.001
                  ROG              27.9            38.1               -               -
 -                 66.0           0.145         < 0.001
                  CO2         532,493.9               -               -               -
 -            532,493.9       1,173.948           0.587
                  N2O              22.0               -               -               -
 -                 22.0           0.048         < 0.001
                  CH4               8.7               -               -               -
 -                  8.7           0.019         < 0.001
                   BC               0.6               -               -               -
 -                  0.6           0.001         < 0.001
                  HFC                 -             0.7               -               -
 -                  0.7           0.002         < 0.001
```

==========

Summary of GHG Emissions

```
                            Emissions                    CO2e
       Pollutant Name     (metric tons)           (metric tons)
                  CO2             0.532                   0.532
                  N2O           < 0.001                   0.007
                  CH4           < 0.001                 < 0.001
                   BC           < 0.001                 < 0.001
                  HFC           < 0.001                   0.001
           Total CO2e                 -                   0.541
```

==========

Summary of Consumptions

```
             Gasoline            54.178         gallons
               Diesel             7.770         gallons
          Natural Gas             0.181         diesel-equivalent gallons
          Electricity            17.446         kilowatt-hours
```

==========END==========

```
           File Name:   Ventura (SCC) - 2023 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/22/2025 8:42:35 AM
                Area:   Ventura (SCC)
       Analysis Year:   2023
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.038                 0.507                   0.493
         Truck 2             0.028                 0.932                   0.052
       Non-Truck             0.934                 0.008                   0.955

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.1 miles
          Volume:           226 vehicles per hour
 Number of Hours:            24 hours
             VMT:         542.4 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
===================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                 PM2.5               1.1               -             1.2             1.7
9.5                13.4           0.030         < 0.001
                  PM10               1.1               -             4.6             4.8
63.6               74.1           0.163         < 0.001
                   NOx              81.0               -               -               -
```

-	81.0	0.179	< 0.001			
	CO	424.8	-	-	-	
-	424.8	0.937	< 0.001			
	ROG	9.6	13.3	-	-	
-	22.9	0.050	< 0.001			
	CO2	182,942.7	-	-	-	
-	182,942.7	403.320	0.202			
	N2O	7.3	-	-	-	
-	7.3	0.016	< 0.001			
	CH4	3.0	-	-	-	
-	3.0	0.007	< 0.001			
	BC	0.2	-	-	-	
-	0.2	< 0.001	< 0.001			
	HFC	-	0.2	-	-	
-	0.2	< 0.001	< 0.001			

==========

Summary of GHG Emissions

Pollutant Name	Emissions (metric tons)	CO2e (metric tons)
CO2	0.183	0.183
N2O	< 0.001	0.002
CH4	< 0.001	< 0.001
BC	< 0.001	< 0.001
HFC	< 0.001	< 0.001
Total CO2e	-	0.186

==========

Summary of Consumptions

Gasoline	18.853	gallons
Diesel	2.467	gallons
Natural Gas	0.060	diesel-equivalent gallons
Electricity	6.095	kilowatt-hours

==========END==========

```
           File Name:   Ventura (SCC) - 2030 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:37:06 AM
                Area:   Ventura (SCC)
       Analysis Year:   2030
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.040                 0.471                   0.451
         Truck 2             0.032                 0.869                   0.046
       Non-Truck             0.928                 0.005                   0.918

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.1 miles
          Volume:            73 vehicles per hour
 Number of Hours:            24 hours
             VMT:         175.2 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
===================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                PM2.5               0.2               -             0.4             0.5
3.1                 4.3           0.009         < 0.001
                 PM10               0.3               -             1.5             1.6
20.9               24.3           0.053         < 0.001
                  NOx              14.2               -               -               -
```

-	14.2	0.031	< 0.001			
	CO	93.1	-	-	-	
-	93.1	0.205	< 0.001			
	ROG	1.7	3.5	-	-	
-	5.3	0.012	< 0.001			
	CO2	49,947.6	-	-	-	
-	49,947.6	110.116	0.055			
	N2O	1.9	-	-	-	
-	1.9	0.004	< 0.001			
	CH4	0.9	-	-	-	
-	0.9	0.002	< 0.001			
	BC	< 0.1	-	-	-	
-	< 0.1	< 0.001	< 0.001			
	HFC	-	< 0.1	-	-	
-	< 0.1	< 0.001	< 0.001			

==========

Summary of GHG Emissions

Pollutant Name	Emissions (metric tons)	CO2e (metric tons)
CO2	0.050	0.050
N2O	< 0.001	< 0.001
CH4	< 0.001	< 0.001
BC	< 0.001	< 0.001
HFC	< 0.001	< 0.001
Total CO2e	-	0.051

==========

Summary of Consumptions

Gasoline	5.062	gallons
Diesel	0.761	gallons
Natural Gas	0.022	diesel-equivalent gallons
Electricity	5.051	kilowatt-hours

==========END==========

```
           File Name:   Ventura (SCC) - 2030 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:37:41 AM
                Area:   Ventura (SCC)
       Analysis Year:   2030
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.040                 0.471                   0.451
         Truck 2             0.032                 0.869                   0.046
       Non-Truck             0.928                 0.005                   0.918

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           1.7 miles
          Volume:           667 vehicles per hour
 Number of Hours:            24 hours
             VMT:       27213.6 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
===================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                 PM2.5              38.2               -            58.7            84.8
487.6             669.3           1.475         < 0.001
                  PM10              40.7               -           234.8           242.2
3,250.4         3,768.1           8.307           0.004
                   NOx           2,213.4               -               -               -
```

-	2,213.4	4.880	0.002			
	CO	14,466.2	-	-	-	
-	14,466.2	31.893	0.016			
	ROG	270.2	548.3	-	-	
-	818.5	1.804	< 0.001			
	CO2	7,758,298.2	-	-	-	
-	7,758,298.2	17,104.119	8.552			
	N2O	298.3	-	-	-	
-	298.3	0.658	< 0.001			
	CH4	133.8	-	-	-	
-	133.8	0.295	< 0.001			
	BC	7.0	-	-	-	
-	7.0	0.015	< 0.001			
	HFC	-	5.8	-	-	
-	5.8	0.013	< 0.001			

==========

Summary of GHG Emissions

Pollutant Name	Emissions (metric tons)	CO2e (metric tons)
CO2	7.758	7.758
N2O	< 0.001	0.089
CH4	< 0.001	0.003
BC	< 0.001	0.003
HFC	< 0.001	0.008
Total CO2e	-	7.862

==========

Summary of Consumptions

Gasoline	786.255	gallons
Diesel	118.270	gallons
Natural Gas	3.456	diesel-equivalent gallons
Electricity	784.623	kilowatt-hours

==========END==========

```
           File Name:   Ventura (SCC) - 2030 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:38:12 AM
                Area:   Ventura (SCC)
       Analysis Year:   2030
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.040                 0.471                   0.451
         Truck 2             0.032                 0.869                   0.046
       Non-Truck             0.928                 0.005                   0.918

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.4 miles
          Volume:           552 vehicles per hour
 Number of Hours:            24 hours
             VMT:        5299.2 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
===================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                PM2.5               7.4               -            11.4            16.5
94.9              130.3           0.287         < 0.001
                 PM10               7.9               -            45.7            47.2
632.9             733.7           1.618         < 0.001
                  NOx             431.0               -               -               -
```

-	431.0	0.950	< 0.001			
	CO	2,817.0	-	-	-	
-	2,817.0	6.210	0.003			
	ROG	52.6	106.8	-	-	
-	159.4	0.351	< 0.001			
	CO2	1,510,743.6	-	-	-	
-	1,510,743.6	3,330.619	1.665			
	N2O	58.1	-	-	-	
-	58.1	0.128	< 0.001			
	CH4	26.1	-	-	-	
-	26.1	0.057	< 0.001			
	BC	1.4	-	-	-	
-	1.4	0.003	< 0.001			
	HFC	-	1.1	-	-	
-	1.1	0.002	< 0.001			

==========

Summary of GHG Emissions

Pollutant Name	Emissions (metric tons)	CO2e (metric tons)
CO2	1.511	1.511
N2O	< 0.001	0.017
CH4	< 0.001	< 0.001
BC	< 0.001	< 0.001
HFC	< 0.001	0.002
Total CO2e	-	1.531

==========

Summary of Consumptions

Gasoline	153.104	gallons
Diesel	23.030	gallons
Natural Gas	0.673	diesel-equivalent gallons
Electricity	152.787	kilowatt-hours

==========END==========

```
           File Name:   Ventura (SCC) - 2030 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:38:43 AM
                Area:   Ventura (SCC)
       Analysis Year:   2030
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.040                 0.471                   0.451
         Truck 2             0.032                 0.869                   0.046
       Non-Truck             0.928                 0.005                   0.918

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.1 miles
          Volume:           669 vehicles per hour
 Number of Hours:            24 hours
             VMT:        1605.6 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
===================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                PM2.5               2.3               -             3.5             5.0
28.8               39.5           0.087         < 0.001
                 PM10               2.4               -            13.9            14.3
191.8             222.3           0.490         < 0.001
                  NOx             130.6               -               -               -
```

```
 -                130.6           0.288         < 0.001
                   CO             853.5               -               -               -
 -                853.5           1.882         < 0.001
                  ROG              15.9            32.3               -               -
 -                 48.3           0.106         < 0.001
                  CO2         457,738.9               -               -               -
 -            457,738.9       1,009.141           0.505
                  N2O              17.6               -               -               -
 -                 17.6           0.039         < 0.001
                  CH4               7.9               -               -               -
 -                  7.9           0.017         < 0.001
                   BC               0.4               -               -               -
 -                  0.4         < 0.001         < 0.001
                  HFC                 -             0.3               -               -
 -                  0.3         < 0.001         < 0.001

==========================================================================================
===================================

Summary of GHG Emissions

                             Emissions                    CO2e
       Pollutant Name     (metric tons)           (metric tons)
                  CO2             0.458                   0.458
                  N2O           < 0.001                   0.005
                  CH4           < 0.001                 < 0.001
                   BC           < 0.001                 < 0.001
                  HFC           < 0.001                 < 0.001
           Total CO2e                 -                   0.464

==========================================================================================
===================================

Summary of Consumptions

             Gasoline            46.389         gallons
               Diesel             6.978         gallons
          Natural Gas             0.204         diesel-equivalent gallons
          Electricity            46.293         kilowatt-hours

==========================================================END=====================================
===================================
```

```
           File Name:   Ventura (SCC) - 2030 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/22/2025 8:38:38 AM
                Area:   Ventura (SCC)
       Analysis Year:   2030
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.037                 0.471                   0.451
         Truck 2             0.029                 0.869                   0.046
       Non-Truck             0.934                 0.005                   0.918

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.1 miles
          Volume:           273 vehicles per hour
 Number of Hours:            24 hours
             VMT:         655.2 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
===================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                PM2.5               0.9               -             1.4             2.0
11.5               15.7           0.035         < 0.001
                 PM10               0.9               -             5.6             5.6
76.6               88.7           0.196         < 0.001
                  NOx              51.0               -               -               -
```

-	51.0	0.112	< 0.001			
	CO	349.5	-	-	-	
-	349.5	0.771	< 0.001			
	ROG	6.4	13.2	-	-	
-	19.7	0.043	< 0.001			
	CO2	184,794.1	-	-	-	
-	184,794.1	407.401	0.204			
	N2O	6.8	-	-	-	
-	6.8	0.015	< 0.001			
	CH4	3.2	-	-	-	
-	3.2	0.007	< 0.001			
	BC	0.2	-	-	-	
-	0.2	< 0.001	< 0.001			
	HFC	-	0.1	-	-	
-	0.1	< 0.001	< 0.001			

==========

Summary of GHG Emissions

Pollutant Name	Emissions (metric tons)	CO2e (metric tons)
CO2	0.185	0.185
N2O	< 0.001	0.002
CH4	< 0.001	< 0.001
BC	< 0.001	< 0.001
HFC	< 0.001	< 0.001
Total CO2e	-	0.187

==========

Summary of Consumptions

Gasoline	18.982	gallons
Diesel	2.606	gallons
Natural Gas	0.079	diesel-equivalent gallons
Electricity	18.724	kilowatt-hours

==========END==========

```
           File Name:   Ventura (SCC) - 2030 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:21:15 AM
                Area:   Ventura (SCC)
       Analysis Year:   2030
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.040                 0.471                   0.451
         Truck 2             0.032                 0.869                   0.046
       Non-Truck             0.928                 0.005                   0.918

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.1 miles
          Volume:            73 vehicles per hour
 Number of Hours:            24 hours
             VMT:         175.2 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
===================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                 PM2.5               0.2               -             0.4             0.5
3.1                 4.3           0.009         < 0.001
                  PM10               0.3               -             1.5             1.6
20.9               24.3           0.053         < 0.001
                   NOx              14.2               -               -               -
```

-	14.2	0.031	< 0.001			
	CO	93.1	-	-	-	
-	93.1	0.205	< 0.001			
	ROG	1.7	3.5	-	-	
-	5.3	0.012	< 0.001			
	CO2	49,947.6	-	-	-	
-	49,947.6	110.116	0.055			
	N2O	1.9	-	-	-	
-	1.9	0.004	< 0.001			
	CH4	0.9	-	-	-	
-	0.9	0.002	< 0.001			
	BC	< 0.1	-	-	-	
-	< 0.1	< 0.001	< 0.001			
	HFC	-	< 0.1	-	-	
-	< 0.1	< 0.001	< 0.001			

==========

Summary of GHG Emissions

Pollutant Name	Emissions (metric tons)	CO2e (metric tons)
CO2	0.050	0.050
N2O	< 0.001	< 0.001
CH4	< 0.001	< 0.001
BC	< 0.001	< 0.001
HFC	< 0.001	< 0.001
Total CO2e	-	0.051

==========

Summary of Consumptions

Gasoline	5.062	gallons
Diesel	0.761	gallons
Natural Gas	0.022	diesel-equivalent gallons
Electricity	5.051	kilowatt-hours

==========END==========

```
           File Name:   Ventura (SCC) - 2030 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:21:47 AM
                Area:   Ventura (SCC)
       Analysis Year:   2030
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.040                 0.471                   0.451
         Truck 2             0.032                 0.869                   0.046
       Non-Truck             0.928                 0.005                   0.918

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           1.7 miles
          Volume:           649 vehicles per hour
 Number of Hours:            24 hours
             VMT:       26479.2 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
===================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                PM2.5              37.2               -            57.1            82.5
474.4             651.2           1.436         < 0.001
                 PM10              39.6               -           228.5           235.6
3,162.7         3,666.4           8.083           0.004
                  NOx           2,153.6               -               -               -
```

-	2,153.6	4.748	0.002			
	CO	14,075.8	-	-	-	
-	14,075.8	31.032	0.016			
	ROG	262.9	533.5	-	-	
-	796.4	1.756	< 0.001			
	CO2	7,548,928.7	-	-	-	
-	7,548,928.7	16,642.538	8.321			
	N2O	290.2	-	-	-	
-	290.2	0.640	< 0.001			
	CH4	130.2	-	-	-	
-	130.2	0.287	< 0.001			
	BC	6.8	-	-	-	
-	6.8	0.015	< 0.001			
	HFC	-	5.6	-	-	
-	5.6	0.012	< 0.001			

==========

Summary of GHG Emissions

Pollutant Name	Emissions (metric tons)	CO2e (metric tons)
CO2	7.549	7.549
N2O	< 0.001	0.086
CH4	< 0.001	0.003
BC	< 0.001	0.003
HFC	< 0.001	0.008
Total CO2e	-	7.650

==========

Summary of Consumptions

Gasoline	765.037	gallons
Diesel	115.079	gallons
Natural Gas	3.363	diesel-equivalent gallons
Electricity	763.448	kilowatt-hours

==========END==========

```
           File Name:   Ventura (SCC) - 2030 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:22:21 AM
                Area:   Ventura (SCC)
       Analysis Year:   2030
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.040                 0.471                   0.451
         Truck 2             0.032                 0.869                   0.046
       Non-Truck             0.928                 0.005                   0.918

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.4 miles
          Volume:           543 vehicles per hour
 Number of Hours:            24 hours
             VMT:        5212.8 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
===================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                 PM2.5               7.3               -            11.2            16.2
93.4              128.2           0.283         < 0.001
                  PM10               7.8               -            45.0            46.4
622.6             721.8           1.591         < 0.001
                   NOx             424.0               -               -               -
```

```
 -                424.0           0.935         < 0.001
                   CO           2,771.0               -               -               -
 -              2,771.0           6.109           0.003
                  ROG              51.8           105.0               -               -
 -                156.8           0.346         < 0.001
                  CO2       1,486,112.0               -               -               -
 -          1,486,112.0       3,276.316           1.638
                  N2O              57.1               -               -               -
 -                 57.1           0.126         < 0.001
                  CH4              25.6               -               -               -
 -                 25.6           0.056         < 0.001
                   BC               1.3               -               -               -
 -                  1.3           0.003         < 0.001
                  HFC                 -             1.1               -               -
 -                  1.1           0.002         < 0.001

==========================================================================================
===================================

Summary of GHG Emissions

                             Emissions                    CO2e
       Pollutant Name     (metric tons)           (metric tons)
                  CO2             1.486                   1.486
                  N2O           < 0.001                   0.017
                  CH4           < 0.001                 < 0.001
                   BC           < 0.001                 < 0.001
                  HFC           < 0.001                   0.002
           Total CO2e                 -                   1.506

==========================================================================================
===================================

Summary of Consumptions

             Gasoline           150.608         gallons
               Diesel            22.655         gallons
          Natural Gas             0.662         diesel-equivalent gallons
          Electricity           150.295         kilowatt-hours

==========================================================END=====================================
===================================
```

```
           File Name:   Ventura (SCC) - 2030 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:22:47 AM
                Area:   Ventura (SCC)
       Analysis Year:   2030
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.040                 0.471                   0.451
         Truck 2             0.032                 0.869                   0.046
       Non-Truck             0.928                 0.005                   0.918

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.1 miles
          Volume:           651 vehicles per hour
 Number of Hours:            24 hours
             VMT:        1562.4 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
===================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                PM2.5               2.2               -             3.4             4.9
28.0               38.4           0.085         < 0.001
                 PM10               2.3               -            13.5            13.9
186.6             216.3           0.477         < 0.001
                  NOx             127.1               -               -               -
```

-	127.1	0.280	< 0.001			
	CO	830.5	-	-	-	
-	830.5	1.831	< 0.001			
	ROG	15.5	31.5	-	-	
-	47.0	0.104	< 0.001			
	CO2	445,423.0	-	-	-	
-	445,423.0	981.990	0.491			
	N2O	17.1	-	-	-	
-	17.1	0.038	< 0.001			
	CH4	7.7	-	-	-	
-	7.7	0.017	< 0.001			
	BC	0.4	-	-	-	
-	0.4	< 0.001	< 0.001			
	HFC	-	0.3	-	-	
-	0.3	< 0.001	< 0.001			

==========

Summary of GHG Emissions

Pollutant Name	Emissions (metric tons)	CO2e (metric tons)
CO2	0.445	0.445
N2O	< 0.001	0.005
CH4	< 0.001	< 0.001
BC	< 0.001	< 0.001
HFC	< 0.001	< 0.001
Total CO2e	-	0.451

==========

Summary of Consumptions

Gasoline	45.141	gallons
Diesel	6.790	gallons
Natural Gas	0.198	diesel-equivalent gallons
Electricity	45.047	kilowatt-hours

==========END==========

```
           File Name:   Ventura (SCC) - 2030 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/22/2025 8:37:13 AM
                Area:   Ventura (SCC)
       Analysis Year:   2030
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.037                 0.471                   0.451
         Truck 2             0.029                 0.869                   0.046
       Non-Truck             0.934                 0.005                   0.918

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.1 miles
          Volume:           275 vehicles per hour
 Number of Hours:            24 hours
             VMT:           660 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
==================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                 PM2.5               0.9               -             1.4             2.0
11.6               15.8           0.035         < 0.001
                  PM10               0.9               -             5.7             5.6
77.1               89.4           0.197         < 0.001
                   NOx              51.4               -               -               -
```

-	51.4	0.113	< 0.001			
	CO	352.1	-	-	-	
-	352.1	0.776	< 0.001			
	ROG	6.5	13.3	-	-	
-	19.8	0.044	< 0.001			
	CO2	186,147.9	-	-	-	
-	186,147.9	410.386	0.205			
	N2O	6.8	-	-	-	
-	6.8	0.015	< 0.001			
	CH4	3.2	-	-	-	
-	3.2	0.007	< 0.001			
	BC	0.2	-	-	-	
-	0.2	< 0.001	< 0.001			
	HFC	-	0.1	-	-	
-	0.1	< 0.001	< 0.001			

==========

Summary of GHG Emissions

Pollutant Name	Emissions (metric tons)	CO2e (metric tons)
CO2	0.186	0.186
N2O	< 0.001	0.002
CH4	< 0.001	< 0.001
BC	< 0.001	< 0.001
HFC	< 0.001	< 0.001
Total CO2e	-	0.189

==========

Summary of Consumptions

Gasoline	19.121	gallons
Diesel	2.625	gallons
Natural Gas	0.080	diesel-equivalent gallons
Electricity	18.861	kilowatt-hours

==========END==========

```
           File Name:   Ventura (SCC) - 2050 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:33:12 AM
                Area:   Ventura (SCC)
       Analysis Year:   2050
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.032                 0.260                   0.254
         Truck 2             0.040                 0.642                   0.016
       Non-Truck             0.928                 0.004                   0.890

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.1 miles
          Volume:            74 vehicles per hour
 Number of Hours:            24 hours
             VMT:         177.6 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
==================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                PM2.5               0.1               -             0.4             0.5
3.3                 4.3           0.010         < 0.001
                 PM10               0.1               -             1.6             1.4
22.1               25.2           0.056         < 0.001
                  NOx               5.9               -               -               -
```

-	5.9	0.013	< 0.001			
	CO	65.0	-	-	-	
-	65.0	0.143	< 0.001			
	ROG	0.8	2.5	-	-	
-	3.3	0.007	< 0.001			
	CO2	41,560.5	-	-	-	
-	41,560.5	91.625	0.046			
	N2O	1.4	-	-	-	
-	1.4	0.003	< 0.001			
	CH4	0.3	-	-	-	
-	0.3	< 0.001	< 0.001			
	BC	< 0.1	-	-	-	
-	< 0.1	< 0.001	< 0.001			
	HFC	-	< 0.1	-	-	
-	< 0.1	< 0.001	< 0.001			

==========

Summary of GHG Emissions

Pollutant Name	Emissions (metric tons)	CO2e (metric tons)
CO2	0.042	0.042
N2O	< 0.001	< 0.001
CH4	< 0.001	< 0.001
BC	< 0.001	< 0.001
HFC	< 0.001	< 0.001
Total CO2e	-	0.042

==========

Summary of Consumptions

Gasoline	4.292	gallons
Diesel	0.587	gallons
Natural Gas	0.009	diesel-equivalent gallons
Electricity	11.341	kilowatt-hours

==========END==========

```
           File Name:   Ventura (SCC) - 2050 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:33:49 AM
                Area:   Ventura (SCC)
       Analysis Year:   2050
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.032                 0.260                   0.254
         Truck 2             0.040                 0.642                   0.016
       Non-Truck             0.928                 0.004                   0.890

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           1.7 miles
          Volume:           698 vehicles per hour
 Number of Hours:            24 hours
             VMT:       28478.4 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
==================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                 PM2.5              21.9               -            62.5            78.9
532.5             695.8           1.534         < 0.001
                  PM10              23.2               -           249.9           225.5
3,549.9         4,048.5           8.926           0.004
                   NOx             942.0               -               -               -
```

```
 -                942.0           2.077           0.001
                   CO          10,430.0               -               -               -
 -             10,430.0          22.994           0.011
                  ROG            133.9           400.1               -               -
 -                534.0           1.177         < 0.001
                  CO2       6,664,279.9               -               -               -
 -          6,664,279.9      14,692.221           7.346
                  N2O            227.9               -               -               -
 -                227.9           0.503         < 0.001
                  CH4             42.5               -               -               -
 -                 42.5           0.094         < 0.001
                   BC              2.8               -               -               -
 -                  2.8           0.006         < 0.001
                  HFC                -             0.3               -               -
 -                  0.3         < 0.001         < 0.001

==========================================================================================
===================================

Summary of GHG Emissions

                             Emissions                    CO2e
       Pollutant Name     (metric tons)           (metric tons)
                  CO2             6.664                   6.664
                  N2O           < 0.001                   0.068
                  CH4           < 0.001                   0.001
                   BC           < 0.001                   0.001
                  HFC           < 0.001                 < 0.001
           Total CO2e                -                   6.735

==========================================================================================
===================================

Summary of Consumptions

             Gasoline           688.294         gallons
               Diesel            94.178         gallons
          Natural Gas             1.367         diesel-equivalent gallons
          Electricity         1,818.545         kilowatt-hours

==========================================================END=====================================
===================================
```

```
           File Name:   Ventura (SCC) - 2050 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:34:22 AM
                Area:   Ventura (SCC)
       Analysis Year:   2050
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.032                 0.260                   0.254
         Truck 2             0.040                 0.642                   0.016
       Non-Truck             0.928                 0.004                   0.890

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.4 miles
          Volume:           609 vehicles per hour
 Number of Hours:            24 hours
             VMT:        5846.4 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
===================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                 PM2.5               4.5               -            12.8            16.2
109.3             142.8           0.315         < 0.001
                  PM10               4.8               -            51.3            46.3
728.8             831.1           1.832         < 0.001
                   NOx             193.4               -               -               -
```

```
 -                193.4           0.426         < 0.001
                   CO           2,141.2               -               -               -
 -              2,141.2           4.721           0.002
                  ROG              27.5            82.1               -               -
 -                109.6           0.242         < 0.001
                  CO2       1,368,126.2               -               -               -
 -          1,368,126.2       3,016.202           1.508
                  N2O              46.8               -               -               -
 -                 46.8           0.103         < 0.001
                  CH4               8.7               -               -               -
 -                  8.7           0.019         < 0.001
                   BC               0.6               -               -               -
 -                  0.6           0.001         < 0.001
                  HFC                 -           < 0.1               -               -
 -                < 0.1         < 0.001         < 0.001

==========================================================================================
===================================

Summary of GHG Emissions

                             Emissions                    CO2e
       Pollutant Name     (metric tons)           (metric tons)
                  CO2             1.368                   1.368
                  N2O           < 0.001                   0.014
                  CH4           < 0.001                 < 0.001
                   BC           < 0.001                 < 0.001
                  HFC           < 0.001                 < 0.001
           Total CO2e                 -                   1.383

==========================================================================================
===================================

Summary of Consumptions

             Gasoline           141.302         gallons
               Diesel            19.334         gallons
          Natural Gas             0.281         diesel-equivalent gallons
          Electricity           373.334         kilowatt-hours

==========================================================END=====================================
===================================
```

```
           File Name:   Ventura (SCC) - 2050 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:34:52 AM
                Area:   Ventura (SCC)
       Analysis Year:   2050
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.032                 0.260                   0.254
         Truck 2             0.040                 0.642                   0.016
       Non-Truck             0.928                 0.004                   0.890

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.1 miles
          Volume:           698 vehicles per hour
 Number of Hours:            24 hours
             VMT:        1675.2 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
===================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                PM2.5               1.3               -             3.7             4.6
31.3               40.9           0.090         < 0.001
                 PM10               1.4               -            14.7            13.3
208.8             238.1           0.525         < 0.001
                  NOx              55.4               -               -               -
```

```
 -                 55.4          0.122         < 0.001
                   CO            613.5               -              -               -
 -                613.5          1.353         < 0.001
                  ROG              7.9            23.5              -               -
 -                 31.4          0.069         < 0.001
                  CO2         392,016.5               -              -               -
 -            392,016.5        864.248           0.432
                  N2O             13.4               -              -               -
 -                 13.4          0.030         < 0.001
                  CH4              2.5               -              -               -
 -                  2.5          0.006         < 0.001
                   BC              0.2               -              -               -
 -                  0.2        < 0.001         < 0.001
                  HFC                -           < 0.1              -               -
 -                < 0.1        < 0.001         < 0.001

==========================================================================================
===================================

Summary of GHG Emissions

                             Emissions                    CO2e
       Pollutant Name     (metric tons)           (metric tons)
                  CO2             0.392                   0.392
                  N2O           < 0.001                   0.004
                  CH4           < 0.001                 < 0.001
                   BC           < 0.001                 < 0.001
                  HFC           < 0.001                 < 0.001
           Total CO2e                -                   0.396

==========================================================================================
===================================

Summary of Consumptions

             Gasoline            40.488         gallons
               Diesel             5.540         gallons
          Natural Gas             0.080         diesel-equivalent gallons
          Electricity           106.973         kilowatt-hours

==========================================================END=====================================
===================================
```

```
           File Name:   Ventura (SCC) - 2050 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/22/2025 8:41:51 AM
                Area:   Ventura (SCC)
       Analysis Year:   2050
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.029                 0.260                   0.254
         Truck 2             0.037                 0.642                   0.016
       Non-Truck             0.934                 0.004                   0.890

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.1 miles
          Volume:           362 vehicles per hour
 Number of Hours:            24 hours
             VMT:         868.8 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
==================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                PM2.5               0.6               -             1.9             2.3
15.9               20.7           0.046         < 0.001
                 PM10               0.7               -             7.6             6.6
106.0             120.8           0.266         < 0.001
                  NOx              27.8               -               -               -
```

-	27.8	0.061	< 0.001			
	CO	319.8	-	-	-	
-	319.8	0.705	< 0.001			
	ROG	4.1	12.2	-	-	
-	16.3	0.036	< 0.001			
	CO2	201,980.9	-	-	-	
-	201,980.9	445.292	0.223			
	N2O	6.6	-	-	-	
-	6.6	0.015	< 0.001			
	CH4	1.3	-	-	-	
-	1.3	0.003	< 0.001			
	BC	< 0.1	-	-	-	
-	< 0.1	< 0.001	< 0.001			
	HFC	-	< 0.1	-	-	
-	< 0.1	< 0.001	< 0.001			

==========

Summary of GHG Emissions

Pollutant Name	Emissions (metric tons)	CO2e (metric tons)
CO2	0.202	0.202
N2O	< 0.001	0.002
CH4	< 0.001	< 0.001
BC	< 0.001	< 0.001
HFC	< 0.001	< 0.001
Total CO2e	-	0.204

==========

Summary of Consumptions

Gasoline	21.093	gallons
Diesel	2.662	gallons
Natural Gas	0.039	diesel-equivalent gallons
Electricity	53.805	kilowatt-hours

==========END==========

```
           File Name:   Ventura (SCC) - 2050 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:29:32 AM
                Area:   Ventura (SCC)
       Analysis Year:   2050
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.032                 0.260                   0.254
         Truck 2             0.040                 0.642                   0.016
       Non-Truck             0.928                 0.004                   0.890

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.1 miles
          Volume:            74 vehicles per hour
 Number of Hours:            24 hours
             VMT:         177.6 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
===================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                PM2.5               0.1               -             0.4             0.5
3.3                 4.3           0.010         < 0.001
                 PM10               0.1               -             1.6             1.4
22.1               25.2           0.056         < 0.001
                  NOx               5.9               -               -               -
```

-	5.9	0.013	< 0.001			
	CO	65.0	-	-	-	
-	65.0	0.143	< 0.001			
	ROG	0.8	2.5	-	-	
-	3.3	0.007	< 0.001			
	CO2	41,560.5	-	-	-	
-	41,560.5	91.625	0.046			
	N2O	1.4	-	-	-	
-	1.4	0.003	< 0.001			
	CH4	0.3	-	-	-	
-	0.3	< 0.001	< 0.001			
	BC	< 0.1	-	-	-	
-	< 0.1	< 0.001	< 0.001			
	HFC	-	< 0.1	-	-	
-	< 0.1	< 0.001	< 0.001			

==========

Summary of GHG Emissions

Pollutant Name	Emissions (metric tons)	CO2e (metric tons)
CO2	0.042	0.042
N2O	< 0.001	< 0.001
CH4	< 0.001	< 0.001
BC	< 0.001	< 0.001
HFC	< 0.001	< 0.001
Total CO2e	-	0.042

==========

Summary of Consumptions

Gasoline	4.292	gallons
Diesel	0.587	gallons
Natural Gas	0.009	diesel-equivalent gallons
Electricity	11.341	kilowatt-hours

==========END==========

```
           File Name:   Ventura (SCC) - 2050 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:30:01 AM
                Area:   Ventura (SCC)
       Analysis Year:   2050
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.032                 0.260                   0.254
         Truck 2             0.040                 0.642                   0.016
       Non-Truck             0.928                 0.004                   0.890

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           1.7 miles
          Volume:           679 vehicles per hour
 Number of Hours:            24 hours
             VMT:       27703.2 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
===================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                 PM2.5              21.3               -            60.8            76.8
518.0             676.9           1.492         < 0.001
                  PM10              22.6               -           243.1           219.4
3,453.3         3,938.3           8.683           0.004
                   NOx             916.4               -               -               -
```

-	916.4	2.020	0.001			
	CO	10,146.1	-	-	-	
-	10,146.1	22.368	0.011			
	ROG	130.3	389.2	-	-	
-	519.5	1.145	< 0.001			
	CO2	6,482,874.1	-	-	-	
-	6,482,874.1	14,292.290	7.146			
	N2O	221.7	-	-	-	
-	221.7	0.489	< 0.001			
	CH4	41.4	-	-	-	
-	41.4	0.091	< 0.001			
	BC	2.8	-	-	-	
-	2.8	0.006	< 0.001			
	HFC	-	0.2	-	-	
-	0.2	< 0.001	< 0.001			

==========

Summary of GHG Emissions

Pollutant Name	Emissions (metric tons)	CO2e (metric tons)
CO2	6.483	6.483
N2O	< 0.001	0.066
CH4	< 0.001	0.001
BC	< 0.001	0.001
HFC	< 0.001	< 0.001
Total CO2e	-	6.552

==========

Summary of Consumptions

Gasoline	669.559	gallons
Diesel	91.614	gallons
Natural Gas	1.330	diesel-equivalent gallons
Electricity	1,769.043	kilowatt-hours

==========END==========

```
           File Name:   Ventura (SCC) - 2050 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:30:27 AM
                Area:   Ventura (SCC)
       Analysis Year:   2050
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.032                 0.260                   0.254
         Truck 2             0.040                 0.642                   0.016
       Non-Truck             0.928                 0.004                   0.890

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.4 miles
          Volume:           599 vehicles per hour
 Number of Hours:            24 hours
             VMT:        5750.4 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
===================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                 PM2.5               4.4               -            12.6            15.9
107.5             140.5           0.310         < 0.001
                  PM10               4.7               -            50.5            45.5
716.8             817.5           1.802         < 0.001
                   NOx             190.2               -               -               -
```

-	190.2	0.419	< 0.001			
	CO	2,106.0	-	-	-	
-	2,106.0	4.643	0.002			
	ROG	27.0	80.8	-	-	
-	107.8	0.238	< 0.001			
	CO2	1,345,661.1	-	-	-	
-	1,345,661.1	2,966.675	1.483			
	N2O	46.0	-	-	-	
-	46.0	0.101	< 0.001			
	CH4	8.6	-	-	-	
-	8.6	0.019	< 0.001			
	BC	0.6	-	-	-	
-	0.6	0.001	< 0.001			
	HFC	-	< 0.1	-	-	
-	< 0.1	< 0.001	< 0.001			

==========

Summary of GHG Emissions

Pollutant Name	Emissions (metric tons)	CO2e (metric tons)
CO2	1.346	1.346
N2O	< 0.001	0.014
CH4	< 0.001	< 0.001
BC	< 0.001	< 0.001
HFC	< 0.001	< 0.001
Total CO2e	-	1.360

==========

Summary of Consumptions

Gasoline	138.981	gallons
Diesel	19.017	gallons
Natural Gas	0.276	diesel-equivalent gallons
Electricity	367.203	kilowatt-hours

==========END==========

```
           File Name:   Ventura (SCC) - 2050 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/20/2025 10:30:54 AM
                Area:   Ventura (SCC)
       Analysis Year:   2050
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.032                 0.260                   0.254
         Truck 2             0.040                 0.642                   0.016
       Non-Truck             0.928                 0.004                   0.890

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.1 miles
          Volume:           679 vehicles per hour
 Number of Hours:            24 hours
             VMT:        1629.6 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
===================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                PM2.5               1.3               -             3.6             4.5
30.5               39.8           0.088         < 0.001
                 PM10               1.3               -            14.3            12.9
203.1             231.7           0.511         < 0.001
                  NOx              53.9               -               -               -
```

-	53.9	0.119	< 0.001			
	CO	596.8	-	-	-	
-	596.8	1.316	< 0.001			
	ROG	7.7	22.9	-	-	
-	30.6	0.067	< 0.001			
	CO2	381,345.5	-	-	-	
-	381,345.5	840.723	0.420			
	N2O	13.0	-	-	-	
-	13.0	0.029	< 0.001			
	CH4	2.4	-	-	-	
-	2.4	0.005	< 0.001			
	BC	0.2	-	-	-	
-	0.2	< 0.001	< 0.001			
	HFC	-	< 0.1	-	-	
-	< 0.1	< 0.001	< 0.001			

==========

Summary of GHG Emissions

Pollutant Name	Emissions (metric tons)	CO2e (metric tons)
CO2	0.381	0.381
N2O	< 0.001	0.004
CH4	< 0.001	< 0.001
BC	< 0.001	< 0.001
HFC	< 0.001	< 0.001
Total CO2e	-	0.385

==========

Summary of Consumptions

Gasoline	39.386	gallons
Diesel	5.389	gallons
Natural Gas	0.078	diesel-equivalent gallons
Electricity	104.061	kilowatt-hours

==========END==========

```
           File Name:   Ventura (SCC) - 2050 - Annual.EM
CT-EMFAC2021 Version:   1.0.2.0
            Run Date:   8/22/2025 8:41:21 AM
                Area:   Ventura (SCC)
       Analysis Year:   2050
              Season:   Annual

=====================================================================

Vehicle Category        VMT Fraction            Diesel VMT Fraction     Gas VMT Fraction
                        Across Category         Within Category         Within Category
         Truck 1             0.029                 0.260                   0.254
         Truck 2             0.037                 0.642                   0.016
       Non-Truck             0.934                 0.004                   0.890

=====================================================================

               Road Type:       Major/Collector
     Silt Loading Factor:               CARB    0.032 g/m2
Precipitation Correction:               None    P = NA  N = NA

=====================================================================

     Road Length:           0.1 miles
          Volume:           364 vehicles per hour
 Number of Hours:            24 hours
             VMT:         873.6 miles

VMT Distribution by Speed Bin (mph):
        <= 5 mph                   0.00%
          10 mph                   0.00%
          15 mph                   0.00%
          20 mph                   0.00%
          25 mph                   0.00%
          30 mph                   0.00%
          35 mph                   0.00%
          40 mph                   0.00%
          45 mph                   0.00%
          50 mph                   0.00%
          55 mph                 100.00%
          60 mph                   0.00%
          65 mph                   0.00%
          70 mph                   0.00%
          75 mph                   0.00%

=================================================================================================
==================================

Summary of Emissions

                        Running Exhaust    Running Loss       Tire Wear      Brake Wear       Road
Dust              Total           Total           Total
       Pollutant Name           (grams)         (grams)         (grams)         (grams)
(grams)         (grams)        (pounds)       (US tons)
                PM2.5               0.6               -             1.9             2.3
16.0               20.9           0.046         < 0.001
                 PM10               0.7               -             7.6             6.6
106.6             121.5           0.268         < 0.001
                  NOx              28.0               -               -               -
```

-	28.0	0.062	< 0.001			
	CO	321.5	-	-	-	
-	321.5	0.709	< 0.001			
	ROG	4.1	12.3	-	-	
-	16.4	0.036	< 0.001			
	CO2	203,096.8	-	-	-	
-	203,096.8	447.752	0.224			
	N2O	6.7	-	-	-	
-	6.7	0.015	< 0.001			
	CH4	1.3	-	-	-	
-	1.3	0.003	< 0.001			
	BC	< 0.1	-	-	-	
-	< 0.1	< 0.001	< 0.001			
	HFC	-	< 0.1	-	-	
-	< 0.1	< 0.001	< 0.001			

==========

Summary of GHG Emissions

Pollutant Name	Emissions (metric tons)	CO2e (metric tons)
CO2	0.203	0.203
N2O	< 0.001	0.002
CH4	< 0.001	< 0.001
BC	< 0.001	< 0.001
HFC	< 0.001	< 0.001
Total CO2e	-	0.205

==========

Summary of Consumptions

Gasoline	21.209	gallons
Diesel	2.677	gallons
Natural Gas	0.039	diesel-equivalent gallons
Electricity	54.102	kilowatt-hours

==========END==========

Appendix D: Biological Resource Assessment

BIOLOGICAL RESOURCES ASSESSMENT

HUENEME ROAD WIDENING PROJECT

VENTURA COUNTY, CALIFORNIA

Prepared for	Matt Maechler County of Ventura 800 South Victoria Avenue Ventura, CA 93009 (805) 477-1911
Prepared by	Victoria Masjuan, Associate Biologist GPA Consulting 617 South Olive Street, Suite 910 (310) 792-2690

October 2023

TABLE OF CONTENTS

1.0 Introduction 1
1.1 Project Description 1
2.0 Regulatory Setting 4
2.1 Federal Regulations 5
2.2 State Regulations 7
2.3 Local Regulations 8
3.0 Methods of Study 9
3.1 Delineation of the Biological Study Area 9
3.2 Literature Review 14
3.3 Field Investigation 14
4.0 Existing Conditions 15
4.1 Physical Conditions 15
4.2 Hydrology 16
4.3 Vegetation and Cover Classes 19
4.4 Wildlife Populations 24
4.5 Regional Connectivity/Wildlife Movement Corridor Assessment 24
5.0 Sensitive Resources With Potential to be in the Biological Study Area 25
5.1 Jurisdictional Resources 25
5.2 Special-Status Natural Communities 26
5.3 Trees 26
5.4 Special-Status Plant Species 26
5.5 Special-Status Wildlife Species 41
6.0 Project Impacts 41
6.1 Jurisdictional Resources 41
6.2 Special-Status Natural Communities 41
6.3 Trees 57
6.4 Special-Status Plant Species 57
6.5 Special-Status Wildlife Species 57
6.6 Regional Connectivity/Wildlife Movement Corridors 58
7.0 Avoidance, Minimization, and Mitigation Measures 58
7.1 Jurisdictional Resources 58
7.2 Special-Status Natural Communities 59
7.3 Trees 59
7.4 Special-Status Plant Species 59
7.5 Special-Status Wildlife Species 59
8.0 Conclusions 62
9.0 References 63

LIST OF FIGURES

Figure 1. Regional Location Map 2
Figure 2. Project Location Map 3
Figure 3. Biological Study Area 10
Figure 4. Vegetation Communities and Cover Classes 20
Figure 5. Potential Regional Water Quality Control Board Jurisdiction 27
Figure 6. Potential California Department of Fish and Wildlife Jurisdiction 34
Figure 7. Impacts on Potential Regional Water Quality Control Board Jurisdiction 42
Figure 8. Impacts on Potential California Department of Fish and Wildlife Jurisdiction 49
Figure 9. Impacts on Special-Status Natural Communities 56

LIST OF APPENDICES

Appendix A CNDDB, NMFS, and USFWS Species Lists
Appendix B Species Observed During Biological Survey
Appendix C Photographs of the Biological Study Area
Appendix D Special-Status Species with Potential to be in the Biological Study Area

1.0 INTRODUCTION

The County of Ventura (County) proposes to widen an approximate 1.93-mile portion of Hueneme Road, between Edison Drive and Rice Avenue, from a two-lane roadway to a 4-lane roadway with buffered bike lanes, a paved median, and turn lanes (see **Figure 1**, Regional Location and **Figure 2**, Project Location). The purpose of this project is to improve vehicle and bicycle travel and safety between the Cities of Oxnard and Camarillo. The project is listed in the Southern California Association of Governments (SCAG) 2023 Federal Transportation Improvement Program (FTIP) for the fiscal years 2022/2023-2025/2026.

This report presents the findings of a general biological resource assessment for the Hueneme Road Widening Project (project). The purpose of this assessment is to describe the existing biological resources in the Biological Study Area (BSA) and assess the potential impacts associated with implementation of the project, as required by the California Environmental Quality Act (CEQA). This report incorporates the findings of a literature review and biological reconnaissance surveys conducted by GPA biologists Manju Venkat, Lizbeth Pliego Guzman, and Victoria Masjuan on May 3, 4, and 5, 2023.

1.1 Project Description

Existing Facility

According to the County's General Plan (General Plan), Hueneme Road is identified as an Other Principal Arterial and Major Collector and a City of Port Hueneme and City of Oxnard Commercial Vehicle Route within the project area (County of Ventura, 2020). Between Edison Drive and Rice Avenue, Hueneme Road includes two vehicle travel lanes, one in the eastbound direction and one in the westbound direction. At the western terminus of the project, Hueneme Road intersects with Edison Drive; the current configuration includes four vehicle travel lanes on Hueneme Road west of Edison Drive, two vehicle travel lanes on Hueneme Road east of Edison Drive, and two vehicle travel lanes on Edison Drive to the north and south of Hueneme Road. There are dedicated left-turn lanes in each direction at the intersection of Hueneme Road and Edison Drive. At the eastern terminus of the project, Hueneme Road intersects with Rice Avenue, creating a "T" intersection, where Rice Avenue dead-ends at Hueneme Road and the existing through lanes turn into a left- and right-turn lane. The current configuration includes four vehicle travel lanes on Rice Avenue, north of the "T" intersection, two vehicle travel lanes on Hueneme Road west of Rice Avenue, and two vehicle travel lanes of Hueneme Road east of Rice Avenue.

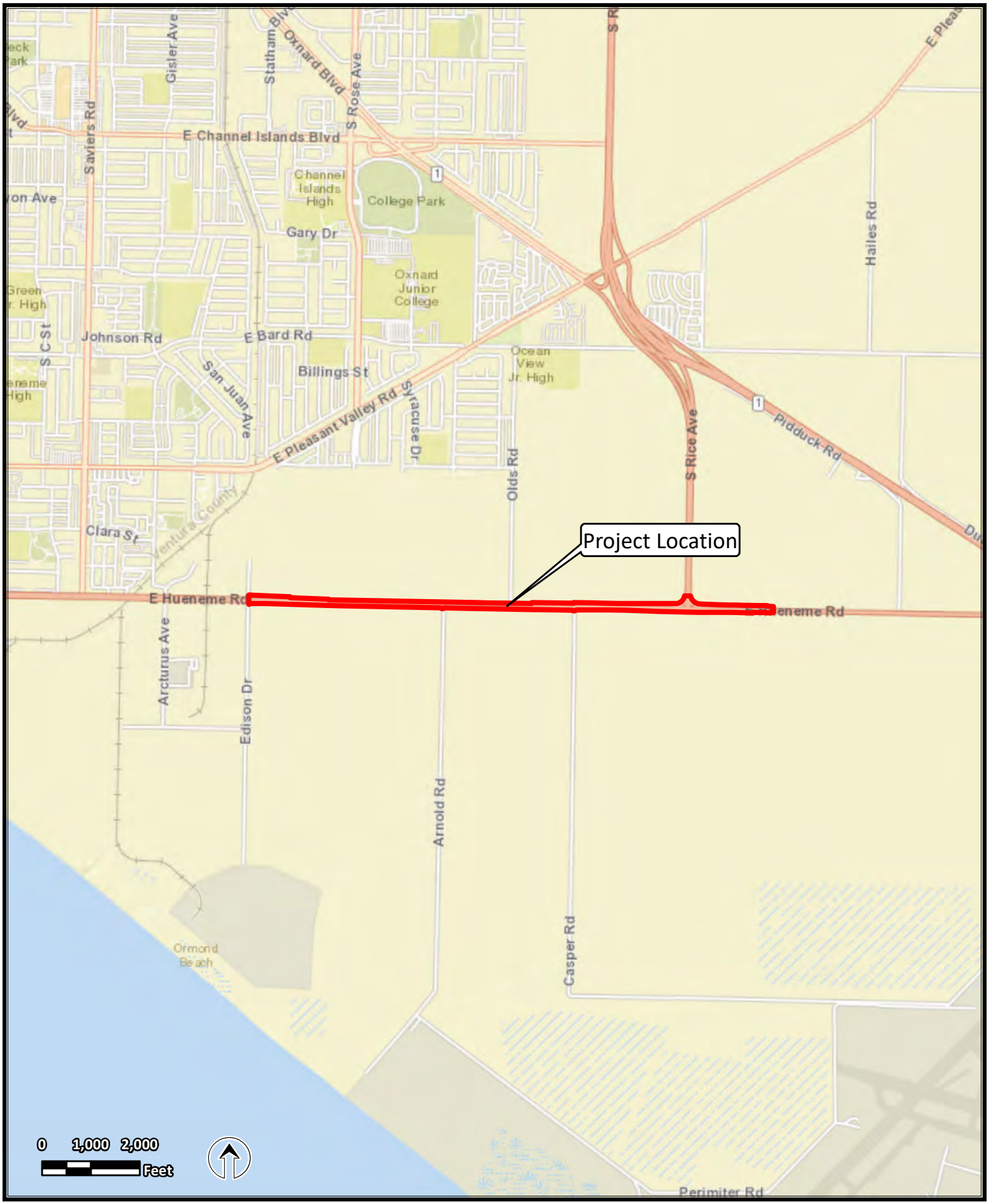
There is an existing non-contiguous drainage ditch located on the north side of Hueneme Road, as well as several utility poles on the north and south sides of the roadway. There are several trees adjacent to the roadway, and row crops/buildings located on parcels adjacent to the project area.

The project would include four 12-foot through lanes (two in the eastbound direction and two westbound direction), a 14-foot paved median, two 6-foot bike lanes on either side of the roadway with a two-foot buffer between the bicycle lanes and the traffic lanes, and two 4-foot shoulders on either side of Hueneme Road between Edison Drive and Rice Avenue.

All existing left-turn lanes would be retained as part of the project. The total width of the new roadway would vary between 63 to 72 feet. The widened roadway would taper to the existing configuration of one travel lane in each direction approximately 1,200 feet east of Rice Avenue.

Source: ESRI 2023

FIGURE 1. REGIONAL LOCATION
Hueneme Road Widening Project



Source: ESRI 2023

FIGURE 2. PROJECT LOCATION
Hueneme Road Widening Project

The existing centerline of the road would be shifted as part of the roadway widening and the roadway would be sloped from the crown at a 2:1 maximum slope. Construction of the widened roadway would require a maximum ground disturbance of approximately 12-14 inches to install the new roadbed. Widening of the roadway would result in approximately 339,000 square feet of increased impervious surface area. The surface runoff resulting from increased impervious surface would be directed toward existing and relocated roadside drainage. It is anticipated that the existing drainage ditch on the north side of the roadway would be shifted north to accommodate the widening of the road. The limits of the relocated ditch would not extend beyond the new County right-of-way (ROW) line.

The project would require three traffic signal modifications, drainage pipe and drainage inlet relocations, culvert extensions and relocations, 41 power pole relocations, and 10 irrigation and water facility relocations. The power poles along Hueneme Road are located within County ROW; however, coordination and preplanning would be needed with Southern California Edison (SCE) to relocate the poles prior to widening the roadway. Additionally, Frontier Communications (Telecommunications) are located on the SCE overhead poles and have underground lines along Hueneme Road. Sempra Utilities (Gas Company) has gas transmission mains along Hueneme Road near Edison Drive; the existing gas main may be impacted where drainage and/or water facilities are relocated. Signal pole relocations would require ground disturbance at a maximum depth of 16 feet. The project would not include the relocation of any water lines, recycled water lines, or sewer mains.

The project may include minor work related to 23 driveways located within the project area; this work would be limited to conforming the driveway to the new roadway configuration. Construction would be staged to provide continuous access to each private parcel. In addition, at least one lane would be open to provide continuous access for vehicles through the project area and no detours to adjacent roadways would be required. Due to traffic volumes in the area, night work is anticipated to avoid traffic impacts during construction.

The proposed improvements would require ROW and temporary construction easements (TCE). The project would require permanent ROW of approximately 9.3 acres from 30 properties. This would include 4.7 acres of Farmland of Statewide Importance, 4.5 acres of Prime Farmland, and 0.13 acres of Urban and Built-Up Land and Other Land. Additionally, the project would require TCE from 3.53 acres of Prime Farmland, 3.73 Acres of Farmland of Statewide Importance, and 0.14 acres of Urban and Built-Up Land and Other Land.

Permanent ROW acquisition required to complete the project would include sliver takes from parcels adjacent to the project area; no full acquisitions are anticipated. The roadway widening would require removal of four buildings, including two fruit stands, one residence, and one garage. Vegetation removal would be required to accommodate the widening, and approximately 329 trees would also need to be removed. Tree removal would result in a vertical ground disturbance of approximately two feet below existing grade; a stump grinder would be used to remove the trunk and roots.

2.0 REGULATORY SETTING

The following discussion provides a summary of federal, state, and local laws and regulations that pertain to sensitive and/or protected species, their habitats, and waterways within or near the BSA.

2.1 Federal Regulations

Clean Water Act

The Clean Water Act (CWA) establishes the basic structure for regulating discharges of pollutants into water of the United States (U.S.) to maintain water quality standards for surface waters.

Clean Water Act Section 404

The USACE Regulatory Program regulates activities within federal wetlands and waters of the U.S. pursuant to Section 404 of the CWA. In recent years, the definition of waters of the U.S. has been in flux. The Environmental Protection Agency (EPA) and the Department of the Army issued a revised definition of waters of the U.S in January 2023. However, the U.S. Supreme Court ruled in *Sackett v. Environmental Protection Agency* on May 25, 2023 that only wetlands and permanent bodies of water with a "continuous surface connection" to "traditional interstate navigable waters" are covered by the Clean Water Act, thus revoking the "significant nexus" standard and invalidating portions of the January 2023 rule. To conform with the *Sackett* decision, the EPA and Department of the Army issued a final revised rule on August 29, 2023 amending the January 2023 definition of waters of the U.S.

Under the August 2023 rule, waters of the U.S. include: 1) traditional navigable waters (i.e. waters that are subject to the ebb and flow of the tide and/or are presently used, have been used in the past, or may be susceptible for use for interstate or foreign commerce), the territorial seas, and interstate waters (collectively "qualifying waters"); 2) impoundments (e.g. reservoirs, retention ponds) of qualifying waters 3) tributaries to qualifying waters that are relatively permanent, standing, or continuously flowing bodies of water; 4) wetlands with a continuous surface connection to qualifying waters; and 5) intrastate lakes and ponds that are relatively permanent, standing or continuously flowing bodies of water with a continuous surface connection to qualifying waters (CFR 33 Section 328.3 and 40 CFR 120.2).

In streams and rivers where adjacent wetlands are absent, the USACE jurisdiction extends to the ordinary high water mark (OHWM). The OHWM is defined as "the line on the shore established by the fluctuations of water and indicated by physical characteristics such as clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas." {33 CFR Section 328.3[c(3)]}. If the OHWM is not readily distinguishable, the USACE jurisdiction within streams extends to the "bankfull discharge" elevation, which is the level at which water begins to leave the channel and move into the floodplain (Rosgen, 1996). This level is reached at a discharge which generally has a recurrence interval of approximately 1.5 to two years on the annual flood series (Leopold, 1994).

Federal wetlands are transitional areas between well-drained upland habitats and permanently flooded (deepwater) aquatic habitats and are defined differently by different resource agencies. The USACE and the U.S. EPA define wetlands as "those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions" {33 CFR Section 328.3[c(1)]}.

Clean Water Act Section 402

Activities within inland streams, wetlands, and riparian areas in California are regulated by agencies at the federal, state, and regional levels. The CWA establishes the basic structure for regulating discharges of pollutants into waters of the United States. At the federal level, the U.S. Environmental Protection Agency regulates construction-related stormwater discharges to surface waters through the National Pollutant Discharge Elimination System (NPDES) program, pursuant to Section 402 of the federal CWA. Section 402 of the CWA requires that all construction sites disturbing one acre or greater of land, as well as municipal, industrial and commercial facilities discharging wastewater or stormwater directly from a point source (a pipe, ditch or channel) into a surface water of the U.S. (a lake, river, and/or ocean) must obtain permission under the NPDES permit. All NPDES permits are written to ensure the Nation's receiving waters will achieve specified Water Quality Standards.

Clean Water Act Section 401

The State Water Resources Control Board (SWRCB) and Regional Water Quality Control Board (RWQCB) are responsible for the administration of Section 401 of the CWA in the state of California. Under Section 401 of the CWA, applicants for federal licenses or permits must provide a Water Quality Certification that any discharges from a project will comply with the CWA, including state-established water quality standard requirements. For all work subject to an USACE Section 404 permit, project proponents must obtain a Water Quality Certification from the applicable RWQCB under CWA Section 401 stating that the project would comply with applicable water quality regulations.

Federal Endangered Species Act

The Federal Endangered Species Act (FESA) was established in 1973 to provide a framework to conserve and protect endangered and threatened species and their habitat. Section 7 of the FESA requires federal agencies to ensure that actions they engage in, permit, or fund, do not jeopardize the continued existence of endangered or threatened species, or result in the destruction or adverse modification of designated critical habitat for these species. Section 7 consultation provides for the “incidental take” of endangered and threatened wildlife species by federal entities if adverse effects to species cannot be avoided. Incidental take is defined by the FESA as take that is incidental to, and not the purpose of, the carrying out of an otherwise lawful activity. The term “take” means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct.

Magnuson-Stevens Fishery Conservation and Management Act of 1976

The Magnuson-Stevens Fishery Conservation and Management Act of 1976 was established to conserve and manage fishery resources found off the coast, as well as anadromous species and Continental Shelf fishery resources of the United States, by exercising (A) sovereign rights for the purposes of exploring, exploiting, conserving, and managing all fish within the exclusive economic zone established by Presidential Proclamation 5030, dated March 10, 1983, and (B) exclusive fishery management authority beyond the exclusive economic zone over such anadromous species, Continental Shelf fishery resources, and fishery resources in special areas. In the Pacific Region, National Marine Fisheries Service (NMFS) provides regulatory oversight over all Essential Fish Habitat (EFH) for Pacific salmon.

Migratory Bird Treaty Act

The Migratory Bird Treaty Act (MBTA) (50 CFR Part 10 and Part 21) protects migratory birds, their occupied nests, and their eggs from disturbance and/or destruction. "Migratory birds" under the MBTA include all bird species listed in 50 CFR Part 10.13, as updated in December 2013 (United States Fish and Wildlife Service, 2013). In accordance with the Migratory Bird Treaty Reform Act of 2004 the United States Fish and Wildlife Service (USFWS) included all species native to the U.S. (or U.S. territories) that are known to be present as a result of natural biological or ecological processes. In addition, the USFWS provided clarification that the MBTA does not apply to any nonnative species whose presence in the U.S. are solely the result of intentional or unintentional human-assisted introduction (United States Fish and Wildlife Service, 2018). Nonnative bird species not protected by the MBTA include, but are not limited to, the house sparrow (*Passer domesticus*), European starling (*Sturnus vulgaris*), and rock pigeon (*Columba livia*).

Executive Order 13112 – Invasive Species

Executive Order 13112 directs all federal agencies to refrain from authorizing, funding, or carrying out actions or projects that may spread invasive species. This order further directs federal agencies to prevent the introduction of invasive species, control and monitor existing invasive species populations, restore native species to invaded ecosystems, research and develop prevention and control methods for invasive species, and promote public education on invasive species.

2.2 State Regulations

Porter-Cologne Act

The RWQCB also asserts authority over waters of the state under the Porter-Cologne Act, which establishes a regulatory program to protect water quality and to protect beneficial uses of state waters. The Porter-Cologne Act empowers the RWQCB to formulate and adopt a Water Quality Control Plan that designates beneficial uses and establishes such water quality objectives that in its judgment will ensure reasonable protection of beneficial uses. Each RWQCB establishes water quality objectives that will ensure the reasonable protection of beneficial uses and the prevention of water quality degradation. Dredge or fill activities with the potential to affect water quality in these waters must comply with Waste Discharge Requirements (WDR) issued by the RWQCB.

The term "waters of the state," under jurisdiction of the RWQCB, is defined by California Water Code as "any surface water or groundwater, including saline waters, within the boundaries of the state" (California Water Code Section 13050(e)).

California Fish and Game Code

Under the California Fish and Game Code Section 1602, the limits of California Department of Fish and Wildlife's (CDFW) jurisdiction within streams and other drainages extends from the top of the stream bank to the top of the opposite bank, to the outer drip line in areas containing riparian vegetation, and/or within the 100-year floodplain of a stream or river system containing fish or wildlife resources. Under Section 1602, a Streambed Alteration Agreement must be issued by the CDFW prior to the initiation of construction activities that may substantially divert or obstruct the natural flow of any river, stream, or lake; substantially change or use any material from the bed, channel, or bank, of any river, stream, or lake;

or deposit debris, waste, or other materials that could pass into any river, stream, or lake under CDFW's jurisdiction.

Section 2126 of the California Fish and Game Code states that it is unlawful for any person to take any mammal that are identified within Section 2118, including all species of bats.

Sections 3503, 3513, and 3800 of the California Fish and Game Code prohibit the take of birds protected under the MBTA and protects their occupied nests. In addition, Section 3503.5 of the California Fish and Game Code prohibits the take of any birds in the order *Falconiformes* or *Strigiformes* (birds-of-prey) and protects their occupied nests. Pursuant to Section 3801 and 3800, the only species authorized for take without prior authorization from the CDFW are the house sparrow and European starling.

State-listed species and those petitioned for listing by the CDFW are fully protected under the California Endangered Species Act (CESA). Under Section 2080.1 of the California Fish and Game Code, if a project would result in take of a species that is both federally and state listed, a consistency determination may be completed in lieu of undergoing a separate CESA consultation. Under Section 2081, if a project would result in take of a species that is state-only listed as threatened or endangered, then an incidental take permit from the CDFW is required.

Sections 3511, 4700, 5050, and 5515 of the California Fish and Game Code prohibit the take or possession of 37 fully protected bird, mammal, reptile, amphibian, and fish species. Each of the statutes states that no provision of this code or any other law shall be construed to authorize the issuance of permits or licenses to "take" the species, and states that no previously issued permit or licenses for take of the species "shall have any force or effect" for authorizing take or possession. The CDFW will not authorize incidental take of fully protected species when activities are proposed in areas inhabited by those species.

California Environmental Quality Act

Section 15380 of the CEQA Guidelines requires that species of special concern be included in an analysis of project impacts. California Species of Special Concern include species that are native to California and are experiencing population declines but are not currently listed as threatened or endangered, all state and federally protected and candidate species, Bureau of Land Management, and United States Forest Service sensitive species. Species considered declining or rare by the California Native Plant Society (CNPS) or National Audubon Society, and a selection of species which are considered to be under population stress but are not formally proposed for listing, are also included under species of special concern.

2.3 Local Regulations

The County of Ventura established the Non-Coastal Zoning Ordinance (NCZO) in Division 8, Chapter 1 of the Ventura County Ordinance Code (Ventura County Planning Division, 2023). Section 8107-25 of the NCZO establishes the Tree Protection Regulations for the non-coastal zone for certain tree species within applicable areas in the non-Coastal zone (County of Ventura Resource Management Agency, 2010). The non-coastal zone is further divided into overlay zones for the purpose of establishing additional regulations and either reducing or extending permitted uses within the overlay zones. Additional tree protections apply to trees within a scenic resource protection (SRP) overlay zone (County of Ventura Resource Management Agency, 2010).

Trees protected only in SRP zones include alder (*Alnus*, all species), ash (*Fraxinus dipetala*), bay (*Umbellularia californica*), cottonwood (*Populus*, all species), elderberry (*Sambucus*, all species), big cone Douglas fir (*Pseudotsuga macrocarpa*), white fir (*Abies concolor*), juniper (*Juniperus californica*), maple (*Acer macrophyllum*), pine (*Pinus*, all species), and walnut (*Juglans californica*). Trees protected throughout the entire non-coastal zone include oak (*Quercus*, all species), sycamore (*Platanus*, all species), historical trees (any species), and heritage trees (any species).

Most trees must meet a girth standard of 9.5 inches to qualify for protection. The exceptions are multi-trunk oaks, each trunk of which must measure 6.25 inches in diameter; heritage trees, which must measure 90 inches in diameter; and historical trees, which may be any size. Historical trees must be identified by the County or a city as a landmark or identified on the Federal or California Historic Resources Inventory to be of historical or cultural significance or identified as contributing to a site or structure of historical or cultural significance.

Per the NCZO, no person shall alter, fell, or remove a healthy protected tree without a tree permit. Exemptions to the provisions of Section 8107-25 include trees:

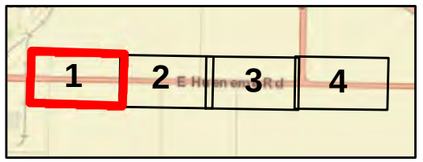
1) planted, grown, or held for sale by lawfully established nurseries and tree farms or removed from, or transplanted from, such a nursery as part of its operation;
2) located and planted in a tree row presently serving commercial agriculture; and
3) planted, grown, and presently harvested for commercial agricultural purposes, or removed from, or transplanted from, a ranch or farm as part of its operation. This does not include the managed production of protected trees or the transplanting or harvesting of naturally growing protected trees or their limbs.

3.0 METHODS OF STUDY

3.1 Delineation of the Biological Study Area

The biological study area (BSA) includes areas that could be directly or indirectly impacted by the project, either temporarily or permanently (see **Figure 3**, Biological Study Area). The BSA comprises approximately 210.5 acres and an approximately 300-foot buffer around the project footprint. The BSA begins west of the Hueneme Road/Edison Drive intersection and extends east to just east of the Hueneme Road/Nauman Road intersection.

The BSA is in the Oxnard United States Geological Survey (USGS) 7.5-minute quadrangle (quad) and spans portions of San Bernardino Meridian Township 1 North, Range 22 West, Section 22; Township 1 North, Range 22 West, Section 27; Township 1 North, Range 22 West, Section 23; Township 1 North, Range 22 West, Section 26; Township 1 North, Range 22 West, Section 24; Township 1 North, Range 22 West, Section 25; Township 1 North, Range 22 West, Section 19, and Township 1 North, Range 22 West, Section 30. Adjacent land uses consist of Agriculture, Industrial, Commercial and Services, Transportation, Communications and Utilities, and Single-Family Residential.



Biological Study Area

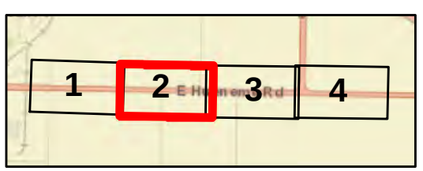
Area of Direct Impacts

N

0 50 100 200 Feet

FIGURE 3. BIOLOGICAL STUDY AREA
Hueneme Road Widening Project
Ventura County

Sheet 1 of 4



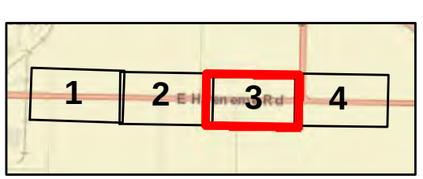
Biological Study Area

Area of Direct Impacts

N

0 50 100 200 Feet

FIGURE 3. BIOLOGICAL STUDY AREA
Hueneme Road Widening Project
Ventura County
Sheet 2 of 4



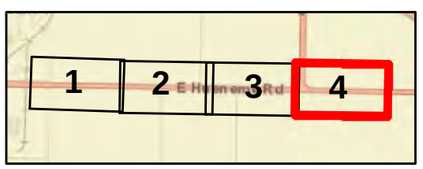
Biological Study Area

Area of Direct Impacts

N

0 50 100 200 Feet

FIGURE 3. BIOLOGICAL STUDY AREA
Hueneme Road Widening Project
Ventura County
Sheet 3 of 4



Biological Study Area

Area of Direct Impacts

N

0 50 100 200 Feet

FIGURE 3. BIOLOGICAL STUDY AREA
Hueneme Road Widening Project
Ventura County
Sheet 4 of 4

3.2 Literature Review

Prior to conducting the biological surveys, available literature was reviewed to identify any special-status plants, wildlife, and/or sensitive habitats previously recorded within or near the BSA. Sources used to identify special-status species and/or habitats with potential to be in or near the BSA include the following:

- CDFW's California Natural Diversity Database Search (CNDDB) for the Oxnard, Point Mugu, Camarillo, Santa Paula, Saticoy, and Ventura 7.5-minute series topographic quadrangles (California Department of Fish and Wildlife, 2023a) (see **Appendix A**);
- CNPS Online Inventory of Rare and Endangered Plants for the Oxnard, Point Mugu, Camarillo, Santa Paula, Saticoy, and Ventura 7.5-minute series topographic quadrangles (California Native Plant Society, 2023a) (see **Appendix A**);
- CDFW Biogeographic Information and Observation System (BIOS) Habitat Connectivity Viewer (California Department of Fish and Wildlife, 2023b);
- Natural Resources Conservation Service (NRCS) Web Soils Survey for Ventura Area, California (United States Department of Agriculture Natural Resources Conservation Service, 2023);
- USFWS Information for Planning and Conservation (IPaC) Database (United States Fish and Wildlife Service, 2023a) (see **Appendix A**);
- USFWS Critical Habitat online mapper (United States Fish and Wildlife, 2023a);
- USFWS National Wetlands Inventory Mapper (NWI) (United States Fish and Wildlife Service, 2023c).; and
- National Marine Fisheries Service (NMFS) for the Oxnard and Camarillo 7.5-minute series topographic quadrangles (National Oceanic and Atmospheric Administration, 2023).

3.3 Field Investigation

The BSA was surveyed on May 3, May 4, and May 5, 2023, by GPA biologists Manju Venkat, Victoria Masjuan, and Lizbeth Pliego. The purpose of these surveys was to perform a general biological assessment of the BSA; map vegetation communities and land cover classes; investigate waterways and drainage features within the BSA; and inventory vegetation communities, plant, and wildlife species within the BSA (see **Appendix B**). The entire BSA was visually surveyed on foot where feasible by walking along Hueneme Road from west to east in the public right-of-way. Vegetation communities observed within the BSA were classified according to the CNPS Manual of California Vegetation (California Native Plant Society, 2023). Vertebrate wildlife species were identified by direct observation, vocalization, or sign (e.g. tracks, scat, burrows). Existing drainages and other aquatic features were qualitatively assessed and delineated. Photographs of the BSA are provided in **Appendix C**.

4.0 EXISTING CONDITIONS

4.1 Physical Conditions

Topography

The topography of the BSA is relatively flat with an elevation of approximately 15 to 34 feet above mean sea level.

Climate

The BSA is in unincorporated Ventura County. The average annual temperature ranges from a low of approximately 53.1 degrees Fahrenheit to a high of approximately 72.3 degrees Fahrenheit, and a minimum of 35 degrees Fahrenheit to a maximum of 101 degrees Fahrenheit (National Oceanic and Atmospheric Administration, 2022). Average annual precipitation from 2017 to 2022 in total liquid content was approximately 13.7 inches.

Soils

According to the United States Department of Agriculture Natural Resources Conservation Service (USDA NRCS) Soils Report, there are four soil units mapped within the BSA: Camarillo Sandy Loam, 0 to 2 Percent Slopes (7.9 acres, 3.7 percent of BSA); Camarillo Loam, 0 to 2 Percent Slopes (64.8 acres, 30.8 percent of BSA); Camarillo Loam, Loamy Substratum, 0 to 2 Percent Slopes (36.8 acres, 17.5 percent of BSA); Hueneme Loamy Fine Sand, 0 to 2 Percent Slopes (101.0 acres, 48 percent of BSA) (United States Department of Agriculture Natural Resources Conservation Service, 2023).

Camarillo Sandy Loam, 0 to 2 Percent Slopes

The Camarillo Sandy Loam, 0 to 2 Percent Slopes soil unit belongs to the Camarillo soil series. Camarillo soils are very deep, somewhat poorly drained soils found on flood plains and formed in alluvium derived from sedimentary rocks. The capacity of the most limiting layer in this soil unit to transmit water is moderately high to high. Depth to water table in this unit averages about 16 to 28 inches. Soils in this unit are considered nonsaline to very slightly saline and are not considered hydric. Within the BSA, the Camarillo Sandy Loam, 0 to 2 Percent Slopes soils are comprised of 85 percent Camarillo and similar soils, 10 percent Hueneme soils, three percent Pacheco soils, and two percent Mocho soils.

Camarillo Loam, 0 to 2 Percent Slopes

The Camarillo Loam, 0 to 2 Percent Slopes soil unit also belongs to the Camarillo soil series. The capacity of the most limiting layer in this soil unit to transmit water is moderately high. Depth to water table in this unit averages about 20 to 35 inches. Soils in this unit are considered very slightly saline to moderately saline and are not considered hydric. Within the BSA, the Camarillo Loam, 0 to 2 Percent Slopes soil unit is comprised of 80 percent Camarillo and similar soils, 10 percent Camarillo sandy loam, five percent Hueneme soils, three percent Pacheco soils, and two percent Mocho soils.

Camarillo Loam, Loamy Substratum, 0 to 2 Percent Slopes

The Camarillo Loam, Loamy Substratum, 0 to 2 Percent Slopes soil unit also belongs to the Camarillo soil series. The capacity of the most limiting layer in this soil unit to transmit water is moderately high to high. Depth to water table in this unit averages about 28 to 39 inches. Soils in this unit are considered nonsaline to very slightly saline and are not considered hydric. Within the BSA, the Camarillo Loam, Loamy Substratum, 0 to 2 Percent Slopes soil unit is comprised of 85 percent Camarillo and similar soils, 10 percent Hueneme soils, three percent Pacheco soils, and two percent Mocho soils.

Hueneme Loamy Fine Sand, 0 to 2 Percent Slopes

The Hueneme Loamy Fine Sand, 0 to 2 Percent Slopes soil unit belongs to the Hueneme soil series. Hueneme soils are somewhat poorly drained, although many areas have been artificially drained. These soils are in nearly level alluvial plains and basins in stratified alluvium derived from alkaline sedimentary sources. The capacity of the most limiting layer in this soil unit to transmit water is moderately high to high. Depth to water table in this unit averages about 24 to 35 inches. Soils in this unit are considered nonsaline to very slightly saline and are not considered hydric. Within the BSA, the Hueneme loamy Fine Sand, 0 to 2 Percent Slopes soil unit is comprised of 95 percent Hueneme and similar soils; one percent Anacapa soils; one percent Metz soils; one percent Hueneme, loamy substratum soils; one percent Pico soils; and one percent Camarillo, sandy loam soils.

4.2 Hydrology

The project area is within the Mugu Lagoon subwatershed (HUC 180701030201), itself part of the greater Calleguas Creek watershed (HUC 18070103). Major tributaries to Calleguas Creek include Revolon Slough, Arroyo Las Posas, Arroyo Conejo, Conejo Creek, Arroyo Santa Rosa, and Arroyo Simi (Ventura County Public Works Agency Watershed Protection District, 2003). The Santa Susana Mountains, South Mountain, and Oak Ridge Mountains form the northern boundary of the watershed, and the Simi Hills and Santa Monica Mountains mark the southern boundary. The watershed, which drains 343 square miles in southern Ventura County and a small portion of western Los Angeles County, outlets into the Pacific Ocean through Mugu Lagoon, one of the few remaining significant saltwater wetland habitats in southern California (California Regional Water Quality Control Board, Los Angeles Region, 2002).

The Oxnard Plain, in which the BSA is situated, supports a large variety of agricultural fields that drain into ditches. These agricultural ditches either enter the Mugu Lagoon directly, through Calleguas Creek and its tributaries, or drain into tile drain systems which then discharge to drains or creeks. A general assessment of the agricultural drainages adjacent to Hueneme Road included visual surveys and documentation of drainage features. Physical characteristics of drainage features such as width, flow conditions, and vegetation within the features were noted. Locations of structures associated with drainages, such as culverts, were noted, photographed, and recorded using sub-meter GPS. Bed and bank measurements of the observed drainage features were estimated, and GPS coordinates of culverts were recorded. Eleven drainage features and one freshwater marsh (Cattail Marsh) were observed within the BSA.

Connectivity of the 11 drainage features in the BSA to a traditional navigable waterway was inferred using data from the literature review and field surveys as well as consultation with a hydrology engineer. The roadside drainages/ditches within the BSA convey flows to one of four culverts, which discharge into the

stormwater conveyance system (Kasraie Consulting, 2023). The four culverts within the BSA include one at Edison Drive which directs flow west towards Hueneme Road, one at Arnold Road which directs flow south towards Arnold Road, one at Olds Road which directs flow south, then west towards Arnold Road, and one east of Rice Road which directs flow to Mugu Drain.

The culvert at Edison Drive undergrounds beneath Edison Drive and appears to continue west, eventually connecting to the Oxnard Industrial Drain, which terminates in the Ormond Beach wetlands. The culverts at Arnold Road and Olds Road underground beneath Hueneme Road, daylighting south of Hueneme Road. From there, the drainage appears to connect to a mapped intermittent riverine system terminating at the Pacific Ocean. The culvert east of Rice Road, which connects to the Mugu Drain, eventually discharges into the western arm of Mugu Lagoon.

The Cattail Marsh observed north of Hueneme Road appeared to receive runoff from nearby agricultural fields and did not appear to convey flows.

Drainage Feature 1

Drainage Feature 1 is a box culvert west of East Farms, a private business at 1850 Hueneme Road, and south of Hueneme Road. The drainage flows north to south on Arnold Road. A pump was observed on Hueneme Road which pumps water south to a pipe and into Drainage Feature 1. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 1 likely does not convey relatively permanent flows.

Drainage Feature 2

Drainage Feature 2 is a concrete pipe culvert at the intersection south of Olds Road and Hueneme Road. This drainage feature appears to flow east to west for approximately 80 feet, before curving south into an agricultural field along a row of Lombardy poplars. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 2 likely does not convey relatively permanent flows.

Drainage Feature 3

Drainage Feature 3 is an unlined agricultural drainage near mile marker 266 adjacent to 3250 Hueneme Road and east of Rice Avenue. This drainage feature originates north of the BSA, traverses under Hueneme Road and daylights south of Hueneme Road, flows underground again within private property for approximately 30 feet south, then daylights again. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 3 likely does not convey relatively permanent flows.

Drainage Feature 4

Drainage Feature 4 is an unlined roadside drainage at the eastern end of the BSA, north of Hueneme Road, and flows east to west, parallel to Hueneme Road. This drainage feature connects to Drainage Feature 3. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 4 likely does not convey relatively permanent flows.

Drainage Feature 5

Drainage Feature 5 is an unlined roadside drainage that begins west of Rice Avenue, undergrounds below Rice Avenue, and continue to flow west to east parallel to Hueneme Road. Drainage 5 terminates where

it joins Drainage Feature 3. its purpose is to convey runoff from agricultural irrigation, Drainage Feature 5 likely does not convey relatively permanent flows.

Drainage Feature 6

Drainage Feature 6 is an unlined agricultural drainage located east of Rice Avenue and north of Hueneme Road. This drainage feature flows north to south and drains into Drainage Feature 5. Drainage Feature 6 is west of 3121 Hueneme Road. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 6 likely does not convey relatively permanent flows.

Drainage Feature 7

Drainage Feature 7 is an unlined agricultural drainage northeast of Casper Road and Hueneme Road. Drainage Feature 7 appears to flow east to west and terminates near Laubacher Berry Farms. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 7 likely does not convey relatively permanent flows.

Drainage Feature 8

Drainage Feature 8 is an unlined roadside drainage on the northeast corner of the Olds Road and Hueneme Road intersection. This drainage feature flows north to south and passes beneath Hueneme Road to connect with Drainage Feature 2 on the south side of Hueneme Road. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 8 likely does not convey relatively permanent flows.

Drainage Feature 9

Drainage Feature 9 is an unlined roadside drainage on the northwest corner of the Olds Road and Hueneme Road intersection. This drainage feature flows east to west and connects to Drainage Feature 1 north of Arnold Road. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 9 likely does not convey relatively permanent flows.

Drainage Feature 10

Drainage Feature 10 is an unlined agricultural drainage approximately 0.25 mile west of Drainage Feature 1. This drainage feature flows north to south. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 10 likely does not convey relatively permanent flows.

Drainage Feature 11

Drainage Feature 11 is an unlined roadside drainage northeast of the Edison Drive and Hueneme Road intersection, with flows running east to west. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 11 likely does not convey relatively permanent flows.

Cattail Marsh

There is a small Cattail Marsh just east of Teto's Produce stand at 1531 East Hueneme Road. A pipe was located east of this marsh that appears to contribute flows to the area. This feature is wholly constructed in uplands and would likely revert to upland if irrigation ceased.

4.3 Vegetation and Cover Classes

Vegetation within the BSA includes a mix of native and non-native species (see **Appendix B**). Six vegetation communities and 1 cover class were identified within the BSA (see **Figure 4,** Vegetation Communities and Cover Classes). Vegetation communities observed within the BSA were classified according to the CNPS Manual of California Vegetation and the National Vegetation Classification System, and include Cattail Marshes, Woody Agricultural Vegetation, Herbaceous Horticultural Crop, Row and Close Grain Crop, Tropical and Temperate Fruit Orchard, and Herbaceous and Woody Developed Vegetation (California Native Plant Society, 2023; Federal Geographic Data Committee, Vegetation Subcommittee, 2023). One cover class, Developed, was observed in the BSA. Each of these habitat types are described below.

Vegetation Communities

***Typha* (*Angustifolia*, *Domingensis*, *Latifolia*) Herbaceous Alliance (Cattail Marshes)**

In this alliance, narrow leaf cattail (*Typha angustifolia*), southern cattail (*Typha domingensis*) or broadleaf cattail is dominant or codominant in the herbaceous layer with redtop (*Agrostis stolonifera*), silverweed (*Potentilla anserina* ssp. *pacifica*), flatsedge (*Cyperus* spp.), saltgrass (*Distichlis spicata*), barnyard grass (*Echinochloa crus-galli*), spike rush (*Eleocharis macrostachya*), giant horsetail (*Equisetum telmateia*), rushes (*Juncus* spp.), least duckweed (*Lemna minuta*), perennial pepperweed (*Lepidium latifolium*), water parsley (*Oenanthe sarmentosa*), common knotweed (*Persicaria lapathifolia*), dotted knotweed (*Persicaria punctata*), common reed (*Phragmites australis*), chairmaker's bulrush (*Schoenoplectus americanus*), California bulrush (*Schoenoplectus californicus*), hybrid cattail (*Typha* × *glauca*) and cocklebur (*Xanthium strumarium*). Emergent trees may be present at low cover, including willows (*Salix* spp.). Herbs are generally less than five feet tall, and cover is intermittent to continuous. Within the BSA, the Cattail Marshes community is north of Hueneme Road, near 1531 East Hueneme Road.

Woody Agricultural Vegetation

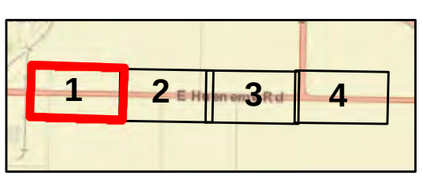
Woody Agricultural Vegetation communities comprise agricultural crops dominated by shrub and tree vegetation, including orchards, vineyards, woody berry crops, intensive (often short-rotation) forest plantations, various agroforestry woody crops, and woody wetland crops, such as cranberries. Within the BSA, Woody Agricultural Vegetation is in the windbreaks along Hueneme Road and Casper Road.

Herbaceous Horticultural Crop

Herbaceous Horticultural Crop communities comprise agricultural vegetation, including horticultural crops (such as commercial flower operations). Within the BSA, the Herbaceous Horticultural Crop community is in A&C Nursery, north of Hueneme Road.

Row and Close Grain Crop

Row and Close Grain Crop communities comprise agricultural vegetation, including row crops, such as corn, soybeans, cotton, tobacco, sunflowers, a wide variety of vegetables, and some planted grain crops (annual rye, wheat). Within the BSA, the Row and Close Grain Crop community is along both sides of Hueneme Road.



Biological Study Area

Cover Classes

- Bare Ground
- Developed

Vegetation Communities

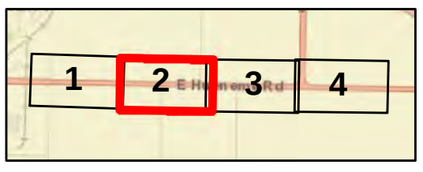
- Row and Close Grain Crop
- Herbaceous Horticultural Crop
- Herbaceous and Woody Developed Vegetation
- Cattail Marsh

Trees

- Lombardy poplar
- Coral tree
- Mexican fan palm
- New Zealand Christmas tree
- Queen palm

FIGURE 4. VEGETATION COMMUNITIES AND COVER CLASSES
Hueneme Road Widening Project
Ventura County

Sheet 1 of 4



Biological Study Area

Cover Classes

Developed

Vegetation Communities

Row and Close Grain Crop

Tropical and Temperate Fruit Orchard

Woody Agricultural Vegetation

Trees

Lombardy poplar

Coral tree

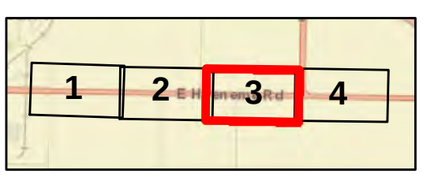
Mexican fan palm

New Zealand Christmas tree

Queen palm

FIGURE 4. VEGETATION COMMUNITIES AND COVER CLASSES
Hueneme Road Widening Project
Ventura County

Sheet 2 of 4



Biological Study Area

Cover Classes

Developed

Vegetation Communities

Row and Close Grain Crop

Tropical and Temperate Fruit Orchard

Woody Agricultural Vegetation

Trees

Lombardy poplar

Coral tree

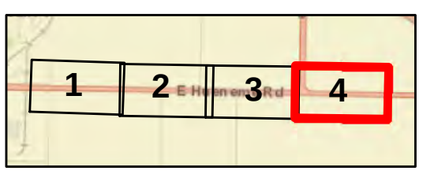
Mexican fan palm

New Zealand Christmas tree

Queen palm

FIGURE 4. VEGETATION COMMUNITIES AND COVER CLASSES
Hueneme Road Widening Project
Ventura County

Sheet 3 of 4



Biological Study Area

Cover Classes

Developed

Vegetation Communities

Row and Close Grain Crop

Herbaceous and Woody Developed Vegetation

Trees

- Lombardy poplar
- Coral tree
- Mexican fan palm
- New Zealand Christmas tree
- Queen palm

FIGURE 4. VEGETATION COMMUNITIES AND COVER CLASSES
Hueneme Road Widening Project
Ventura County

Sheet 4 of 4

Tropical and Temperate Fruit Orchard

Tropical and Temperate Fruit Orchard communities comprise agricultural crops dominated by shrub and tree vegetation, including orchards, vineyards, and woody berry crops. Within the BSA, the Tropical and Temperate Fruit Orchard is east of the intersection of Hueneme Road and Olds Road.

Herbaceous and Woody Developed Vegetation

Herbaceous and Woody Developed Vegetation communities comprise closely-cropped vegetation such as lawns, gardens, sports fields, and golf courses, as well as vegetation growing in urban materials, such as pavement, from dry lands to emergent wetlands. Tree canopy varies from zero to 100 percent (e.g., open to shaded lawns and gardens). Within the BSA, the Herbaceous and Woody Developed Vegetation community is west of Edison Road and surrounding some of the commercial and residential buildings along Hueneme Road.

Cover Classes

Developed

Developed areas are where human disturbance has resulted in permanent impacts on natural communities. These include paved areas, buildings, bridges, sidewalks, roadways, and other structures. Within the BSA, the Developed area includes Hueneme Road and the residences and businesses located along the length of Hueneme Road.

4.4 Wildlife Populations

Trees within the BSA could provide nesting habitat for migratory birds and roosting habitat for bats (see **Appendix C**). Additionally, the Cattail Marsh near 1531 East Hueneme Road could provide habitat for invertebrates and foraging habitat for birds and other wildlife. Wildlife species observed during the biological surveys include American crow (*Corvus brachyrhynchos*), European starling (*Sturnus vulgaris*), barn swallow (*Hirundo rustica*), cliff swallow (*Petrochelidon pyrrhonota*), Anna's hummingbird (*Calypte anna*), lark sparrow (*Chondestes grammacus*), Lincoln's sparrow (*Melospiza lincolnii*), mourning dove (*Zenaida macroura*), mallard (*Anas platyrhynchos*), northern rough-winged swallow (*Stelgidopteryx serripennis*), Brewer's blackbird (*Euphagus cyanocephalus*), and brown-headed cowbird (*Molothrus ater*).

4.5 Regional Connectivity/Wildlife Movement Corridor Assessment

Wildlife movement corridors are defined as areas that connect suitable wildlife habitat areas in a region otherwise fragmented by rugged terrain, changes in vegetation, or human disturbance. A functional wildlife corridor allows for ease of movement between habitat patches. Corridors are important in preventing habitat fragmentation. Habitat fragmentation is typically caused by human development and can isolate wildlife populations, which leads to a decrease in genetic diversity and increases the risk of extirpations. Natural features such as canyon drainages, ridgelines, or areas with vegetation cover provide corridors for wildlife movement. Wildlife movement corridors are important because they provide access to mates, food, and water; allow the dispersal of individuals away from high population density areas; and facilitate the exchange of genetic traits between populations.

According to CDFW's Areas of Conservation Emphasis - Terrestrial Connectivity dataset, the BSA is located

entirely within an area with limited connectivity opportunity (California Department of Fish and Wildlife, 2019). The agricultural land on the south side of Hueneme Road appears as though it could be used by wildlife to access the waterfront, however, in actuality access is blocked by the fences surrounding Naval Air Station Point Mugu and the Ormond Beach Generating Station. The agricultural land on the north side of Hueneme Road ultimately leads to wildlife movement barriers in the form of Tierra Vista neighborhood and Pacific Coast Highway. Thus, the BSA and the land surrounding the BSA does not function as a wildlife movement corridor nor as a hub of regional connectivity.

5.0 SENSITIVE RESOURCES WITH POTENTIAL TO BE IN THE BIOLOGICAL STUDY AREA

The following discussion describes the special-status plant and wildlife species with potential to be in the BSA based on their geographical range. Also discussed are habitats of relatively limited distribution or of value to wildlife. Determinations on whether special-status and other sensitive resources could be in the BSA are based on (1) a record reported in the CNDDB, CNPS, NMFS, and/or USFWS species lists, (2) the presence of suitable habitat, and (3) survey results.

5.1 Jurisdictional Resources

United States Army Corps of Engineers

The August 2023 Rule clarified that drainage ditches like the features present within the BSA, that are wholly constructed in uplands; not created from prior wetlands; not connected to other traditional navigable waters; do not convey 'relatively permanent' flows; artificially irrigated areas that would revert to uplands if artificial irrigation ceases; and/or constructed for the purposes of conveying irrigation water and recirculation of such waters are not likely to be waters of the U.S., subject to CWA Section 404 regulations. Therefore, the 11 drainages and Cattail Marsh in the BSA are not expected to fall under USACE jurisdiction as waters of the U.S. (see **Table 1**).

Table 1. Potential Jurisdictional Wetlands and Waters Approximated within the BSA

Regulatory Agency	Jurisdictional Wetlands within BSA (acres)	Jurisdictional Non-Wetland Waters within BSA (acres)	Total Jurisdiction within BSA (acres)
United States Army Corps of Engineers	-	-	-
Regional Water Quality Control Board	-	0.46	0.46
California Department of Fish and Wildlife	--	1.54	1.54

Regional Water Quality Control Board

According to the State Water Resources Control Board *State Policy for Water Quality Control: State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State*, an artificially constructed wetland less than an acre in size, the Cattail Marsh within the BSA is not considered a water of the state (State Water Resources Control Board, 2021). Therefore, the Cattail Marsh feature is not expected to fall under RWQCB jurisdiction. However, the 11 drainages do carry surface waters and are expected to fall under the jurisdiction of the RWQCB. Approximately 0.46 acres of waters within the

BSA may be under jurisdiction of the RWQCB (see **Table 1** and **Figure 5,** Potential Regional Water Quality Control Board Jurisdiction).

California Department of Fish and Wildlife

Approximately 1.54 acres of waters within the BSA may potentially be subject to CDFW jurisdiction (see **Table 1** and **Figure 6,** Potential California Department of Fish and Wildlife Jurisdiction), Potential California Department of Fish and Wildlife Jurisdiction). All drainages within the BSA, as well as the Cattail Marsh, supported vegetation at the time of the surveys. Additionally, the drainages had defined beds and banks. Therefore, it is likely that they would fall under CDFW jurisdiction.

5.2 Special-Status Natural Communities

According to CNDDB data, five special-status natural communities have potential to be in the BSA based on geographical distribution (see **Appendix A**). Of these five, one special-status community was observed in the BSA: Coastal and Valley Freshwater Marsh (Holland, 1986). Coastal and Valley Freshwater Marsh communities, as described in Holland, are equivalent to the Cattail Marsh community, as described in the CNPS California Manual of Vegetation. A full species list with a discussion on the potential for the natural communities to be in the BSA is provided in **Appendix D.**

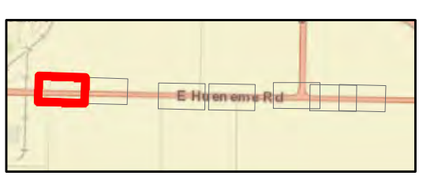
5.3 Trees

The BSA is within the County's non-coastal zone, but not within an SRP overlay zone, and none of the species protected by the NCZO are present within the BSA. Therefore, no local tree protection regulations apply to trees within the BSA.

5.4 Special-Status Plant Species

According to the CNDDB, CNPS, and USFWS searches, 23 special-status plant species have the potential to be in the BSA based on recorded geographical distribution (see **Appendix A**). Special-status plant species either have unique biological significance, limited distribution, restricted habitat requirements, particular susceptibility to human disturbance, or a combination of these factors. For the purposes of this report, special-status plant species are those plants listed, proposed for listing, or candidates for listing as Threatened or Endangered by USFWS under FESA; those listed or proposed for listing as Rare, Threatened, or Endangered by CDFW under the California Endangered Species Act (CESA); and plants on the CNPS Inventory of Rare and Endangered Vascular Plants with a California Rare Plant Rank (CRPR) of 1A (plants presumed extirpated in California and either rare or extinct elsewhere), 1B (plants considered to be rare, threatened, or endangered species in California and elsewhere), 2A (plants presumed extirpated in California, but more common elsewhere), 2B (plants considered rare, threatened, or endangered in California, but more common elsewhere), and 3 (plants about which more information is needed to make a rarity determination).

Based on habitat requirements, no special-status plant species have potential to be in the BSA. No special-status plant species were observed during the field survey, which was conducted during the typical blooming period for the majority of the species. A full species list with a discussion on the potential for the special-status plant species to be in the BSA is provided in **Appendix D.**



0 50 100 Feet

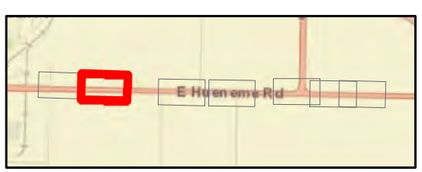
N

Biological Study Area

Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)

FIGURE 5. REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 1 of 7



0 50 100 Feet

N

Biological Study Area

Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)

FIGURE 5. REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 2 of 7

Drainage 9

Drainage 9

HUENEME ROAD

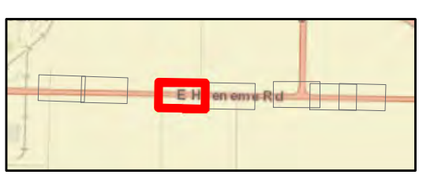
OLDS ROAD

Drainage 8

Drainage 1

ARNOLD ROAD

Drainage 2



0 50 100 Feet

N

Biological Study Area

Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)

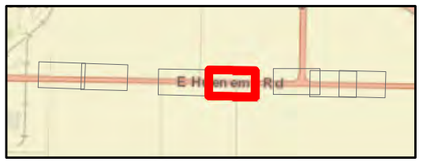
FIGURE 5. REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 3 of 7

Drainage 7

HUENEME ROAD

CASPER ROAD



0 50 100 Feet

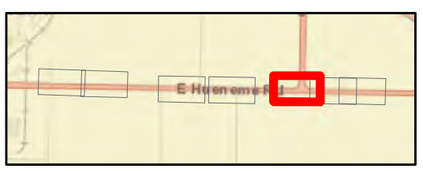
N

Biological Study Area

Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)

FIGURE 5. REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 4 of 7



0 50 100 Feet

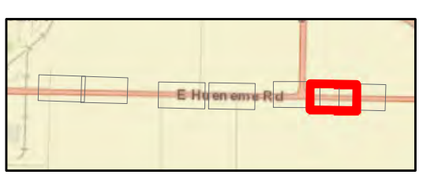
N

Biological Study Area

Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)

FIGURE 5. REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 5 of 7



0 50 100 Feet

N

Biological Study Area

Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)

FIGURE 5. REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 6 of 7

Drainage 3

Drainage 4

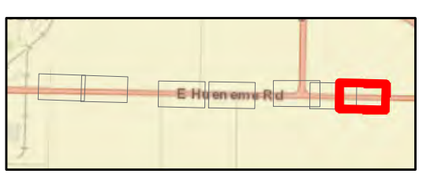
Drainage 4

Drainage 4

HUENEME ROAD

Drainage 3

Drainage 3



0 50 100 Feet

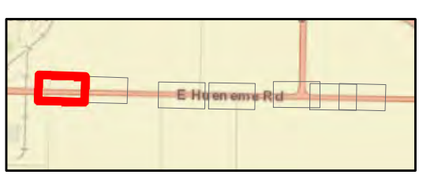
N

Biological Study Area

Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)

FIGURE 5. REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Projectl
Ventura County

Sheet 7 of 7



0 50 100 Feet

N

Biological Study Area

Potential CDFW Jurisdiction (1.54 acres)

FIGURE 6. CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 1 of 7

Cattail Marsh

Drainage 10

HUENEME ROAD

0 50 100 Feet

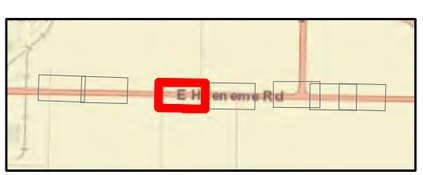
N

Biological Study Area

Potential CDFW Jurisdiction (1.54 acres)

FIGURE 6. CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 2 of 7



0 50 100 Feet

N

Biological Study Area

Potential CDFW Jurisdiction (1.54 acres)

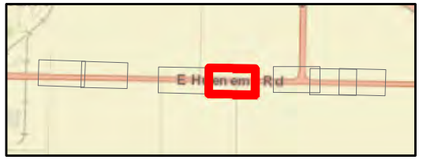
FIGURE 6. CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 3 of 7

Drainage 7

HUENEME ROAD

CASPER ROAD



0 50 100 Feet

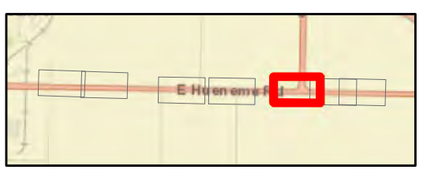
N

Biological Study Area

Potential CDFW Jurisdiction (1.54 acres)

FIGURE 6. CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 4 of 7



0 50 100 Feet

N

Biological Study Area

Potential CDFW Jurisdiction (1.54 acres)

FIGURE 6. CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 5 of 7

0 50 100 Feet

N

Biological Study Area

Potential CDFW Jurisdiction (1.54 acres)

FIGURE 6. CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 6 of 7

Drainage 3

Drainage 4

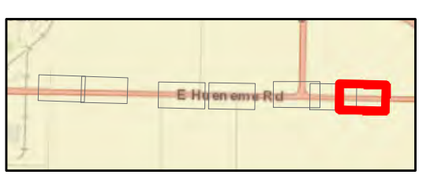
Drainage 4

Drainage 4

HUENEME ROAD

Drainage 3

Drainage 3



0 50 100 Feet

N

Biological Study Area

Potential CDFW Jurisdiction (1.54 acres)

FIGURE 6. CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 7 of 7

5.5 Special-Status Wildlife Species

According to the CNDDB, NMFS, and USFWS searches 49 special-status wildlife species have the potential to be in the BSA based on recorded geographical distribution (see **Appendix A**). Special-status species include 1) wildlife species listed, proposed for listing, or candidates for listing as threatened or endangered under FESA or CESA; 2) wildlife species considered "Species of Special Concern" in California; and/or 3) species classified as "Fully Protected" by the California Fish and Game Code.

Based on habitat requirements, nine special-status wildlife species have potential to be in the BSA, including American bumble bee (*Bombus pensylvanicus*), California legless lizard (*Anniellas* spp.), burrowing owl (*Athene cunicularia*), tricolored blackbird (*Agelaius tricolor*), white-tailed kite (*Elanus leucurus*), California horned lark (*Eremophila alpestris actia*), American peregrine falcon (*Falco peregrinus anatum*), pallid bat (*Antrozous pallidus*), and western mastiff bat (*Eumops perotis californicus*). None of these species were observed during the field surveys. A full species list with a discussion on the potential for the special-status wildlife to be in the BSA is provided in **Appendix D.**

6.0 PROJECT IMPACTS

6.1 Jurisdictional Resources

Based on survey results, there are 11 drainages and one Cattail Marsh that may be under the jurisdiction of the RWQCB, and/or the CDFW. The project would require relocation of two drainages, drainage pipe and drainage inlet relocation, and culvert extensions and relocation, which would result in direct impacts on these features. Construction materials, dust, and/or debris could also enter into flowing waters and temporarily impact water quality, resulting in indirect impacts. The project would be expected to result in approximately 0.16 acre of non-wetland waters potentially under RWQCB jurisdiction and approximately 0.64 acre potentially under CDFW jurisdiction (see **Figure 7,** Impacts on Potential Regional Water Quality Control Board Jurisdiction and **Figure 8,** Impacts on Potential California Department of Fish and Wildlife Jurisdiction).

Relocation of irrigation and water facilities would result in permanent impacts on approximately less than 0.01 acre of non-wetland waters potentially under RWQCB jurisdiction and approximately 0.02 acre potentially under CDFW jurisdiction. In addition, widening of the roadway would result in approximately 339,000 square feet of increased impervious surface area, which would result in additional surface runoff directed toward existing and relocated roadside drainages. However, with implementation of the proposed avoidance and minimization measures listed in Section 7.0, impacts on potential RWQCB and CDFW jurisdictional features would be substantially minimized.

6.2 Special-Status Natural Communities

Based on survey results, the Cattail Marsh community is present within the BSA. Project activities, including culvert extension, culvert relocation, irrigation facility relocation, grading, paving, staging, and construction access would result in approximately 0.02 acre of temporary impacts on this community (see **Figure 9**, Impacts on Special-Status Natural Communities), which overlaps with impacts on potential CDFW jurisdiction. Additionally, construction activities could result in the production of dust, which could travel onto adjacent areas and result in indirect impacts on special-status natural communities.

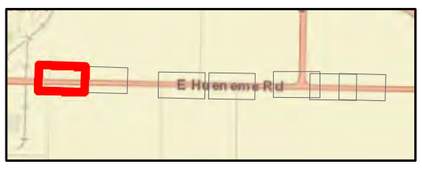
EDISON DRIVE

E HUENEME ROAD

HUENEME ROAD

Drainage 11

Drainage 11



0 50 100 Feet

N

- Biological Study Area
- Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)
- Permanent Impacts on Potential Regional Water Quality Control Board Jurisdiction (<0.01 acre non-wetland waters)
- Temporary Impacts on Potential Regional Water Quality Control Board Jurisdiction (0.16 acre non-wetland waters)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 7. IMPACTS ON POTENTIAL REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 1 of 7

0 50 100 Feet

N

- Biological Study Area
- Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)
- Permanent Impacts on Potential Regional Water Quality Control Board Jurisdiction (<0.01 acre non-wetland waters)
- Temporary Impacts on Potential Regional Water Quality Control Board Jurisdiction (0.16 acre non-wetland waters)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 7. IMPACTS ON POTENTIAL REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 2 of 7

0 50 100 Feet

N

- Biological Study Area
- Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)
- Permanent Impacts on Potential Regional Water Quality Control Board Jurisdiction (<0.01 acre non-wetland waters)
- Temporary Impacts on Potential Regional Water Quality Control Board Jurisdiction (0.16 acre non-wetland waters)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

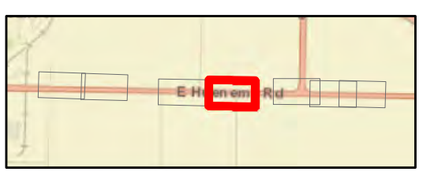
FIGURE 7. IMPACTS ON POTENTIAL REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 3 of 7

Drainage 7

HUENEME ROAD

CASPER ROAD



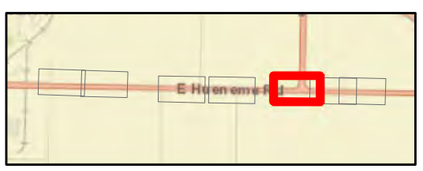
0 50 100 Feet

N

- Biological Study Area
- Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)
- Permanent Impacts on Potential Regional Water Quality Control Board Jurisdiction (<0.01 acre non-wetland waters)
- Temporary Impacts on Potential Regional Water Quality Control Board Jurisdiction (0.16 acre non-wetland waters)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 7. IMPACTS ON POTENTIAL REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 4 of 7



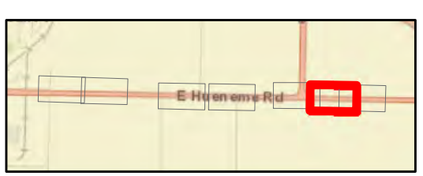
0 50 100 Feet

N

- Biological Study Area
- Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)
- Permanent Impacts on Potential Regional Water Quality Control Board Jurisdiction (<0.01 acre non-wetland waters)
- Temporary Impacts on Potential Regional Water Quality Control Board Jurisdiction (0.16 acre non-wetland waters)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 7. IMPACTS ON POTENTIAL REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 5 of 7



0 50 100 Feet

N

- Biological Study Area
- Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)
- Permanent Impacts on Potential Regional Water Quality Control Board Jurisdiction (<0.01 acre non-wetland waters)
- Temporary Impacts on Potential Regional Water Quality Control Board Jurisdiction (0.16 acre non-wetland waters)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 7. IMPACTS ON POTENTIAL REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 6 of 7

Drainage 3

Drainage 4

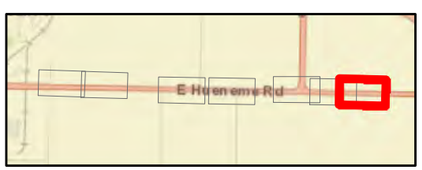
Drainage 4

Drainage 4

HUENEME ROAD

Drainage 3

Drainage 3



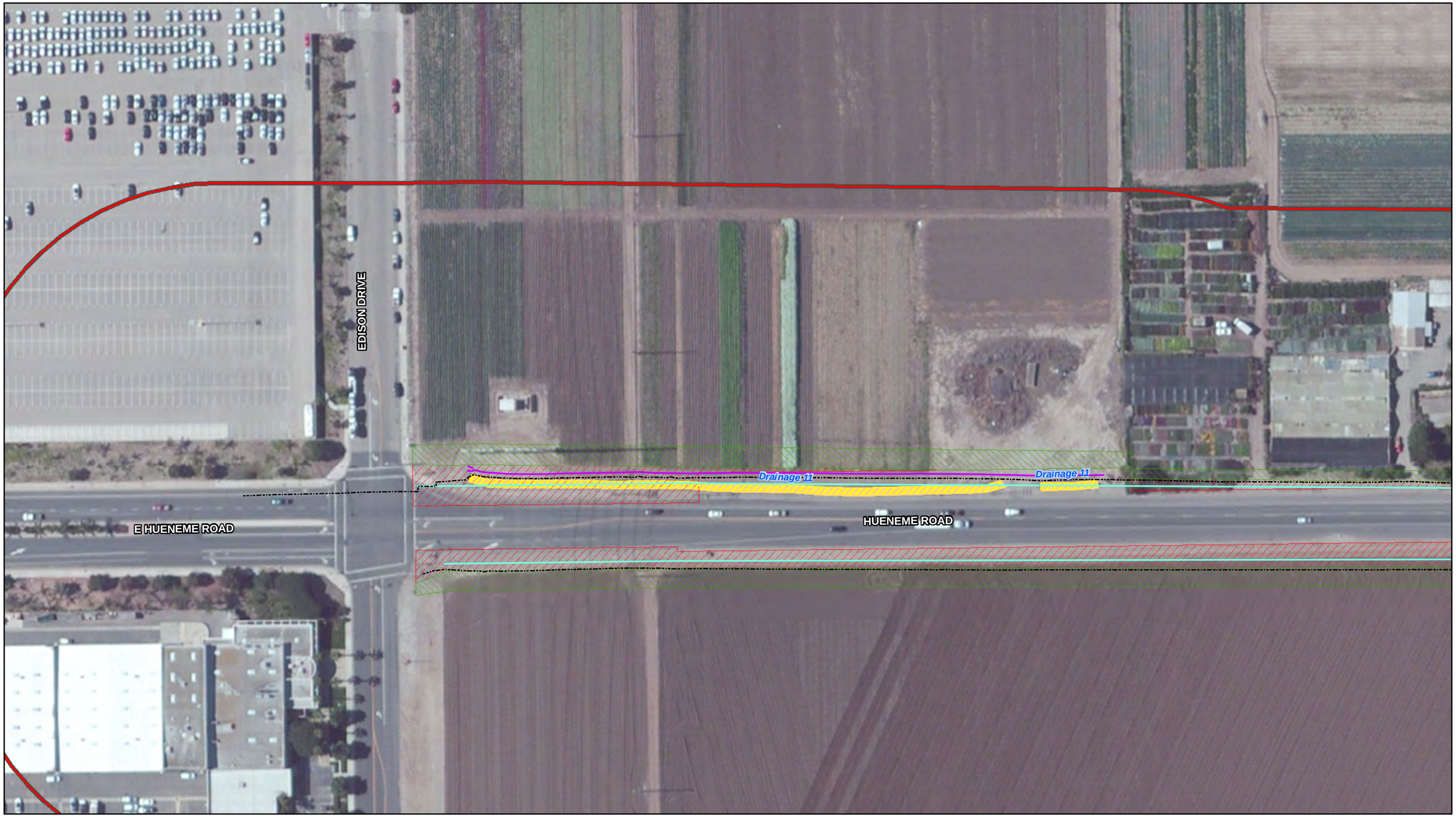
0 50 100 Feet

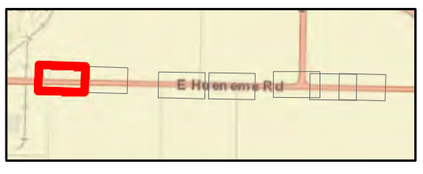
N

- Biological Study Area
- Potential Regional Water Quality Control Board Jurisdiction (0.46 acre non-wetland waters)
- Permanent Impacts on Potential Regional Water Quality Control Board Jurisdiction (<0.01 acre non-wetland waters)
- Temporary Impacts on Potential Regional Water Quality Control Board Jurisdiction (0.16 acre non-wetland waters)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 7. IMPACTS ON POTENTIAL REGIONAL WATER QUALITY CONTROL BOARD JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 7 of 7





0 50 100 Feet

N

- Biological Study Area
- Potential CDFW Jurisdiction (2.00 acres)
- Permanent Impacts on Potential CDFW Jurisdiction (0.02 acre)
- Temporary Impacts on Potential CDFW Jurisdiction (0.64 acre)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 8. IMPACTS ON POTENTIAL CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 1 of 7

0 50 100 Feet

N

- Biological Study Area
- Potential CDFW Jurisdiction (2.00 acres)
- Permanent Impacts on Potential CDFW Jurisdiction (0.02 acre)
- Temporary Impacts on Potential CDFW Jurisdiction (0.64 acre)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 8. IMPACTS ON POTENTIAL CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 2 of 7

0 50 100 Feet

N

- Biological Study Area
- Potential CDFW Jurisdiction (2.00 acres)
- Permanent Impacts on Potential CDFW Jurisdiction (0.02 acre)
- Temporary Impacts on Potential CDFW Jurisdiction (0.64 acre)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

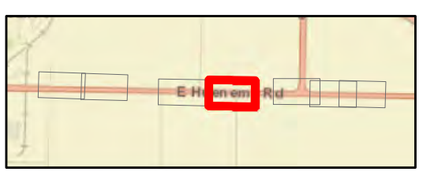
FIGURE 8. IMPACTS ON POTENTIAL CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 3 of 7

Drainage 7

HUENEME ROAD

CASPER ROAD



0 50 100 Feet

N

- Biological Study Area
- Potential CDFW Jurisdiction (2.00 acres)
- Permanent Impacts on Potential CDFW Jurisdiction (0.02 acre)
- Temporary Impacts on Potential CDFW Jurisdiction (0.64 acre)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 8. IMPACTS ON POTENTIAL CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 4 of 7

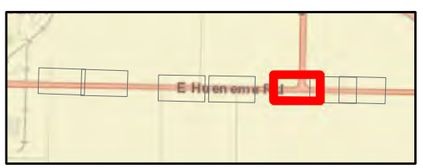
RICE AVENUE

Drainage 5

Drainage 5

HUENEME ROAD

ALLEY



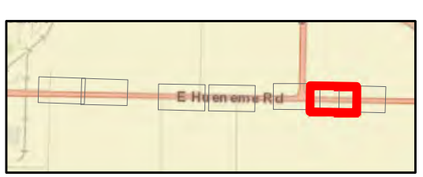
0 50 100 Feet

N

- Biological Study Area
- Potential CDFW Jurisdiction (2.00 acres)
- Permanent Impacts on Potential CDFW Jurisdiction (0.02 acre)
- Temporary Impacts on Potential CDFW Jurisdiction (0.64 acre)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 8. IMPACTS ON POTENTIAL CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 5 of 7



0 50 100 Feet

N

- Biological Study Area
- Potential CDFW Jurisdiction (2.00 acres)
- Permanent Impacts on Potential CDFW Jurisdiction (0.02 acre)
- Temporary Impacts on Potential CDFW Jurisdiction (0.64 acre)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 8. IMPACTS ON POTENTIAL CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 6 of 7

Drainage 3

Drainage 4

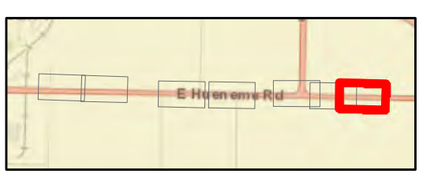
Drainage 4

Drainage 4

HUENEME ROAD

Drainage 3

Drainage 3



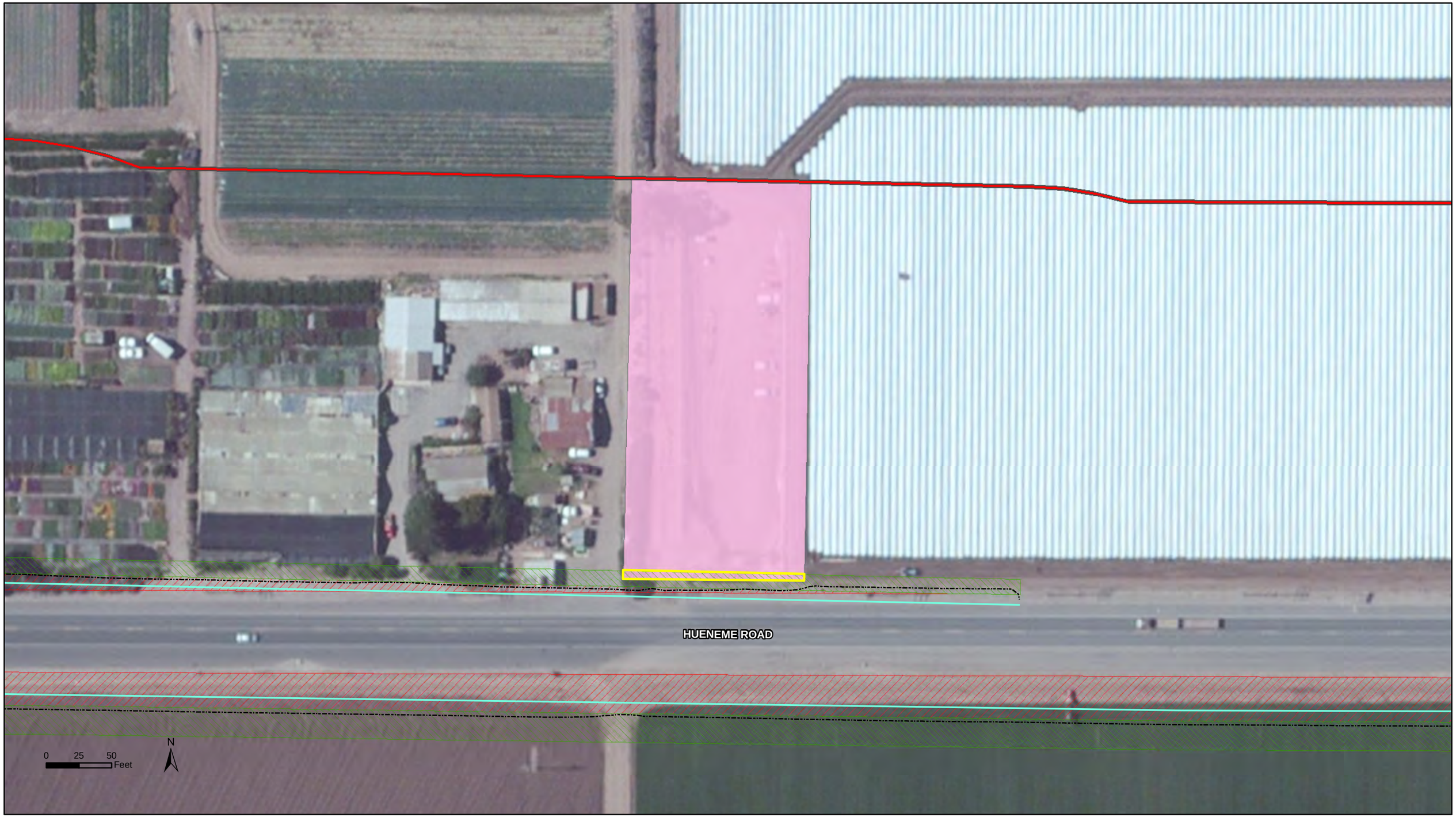
0 50 100 Feet

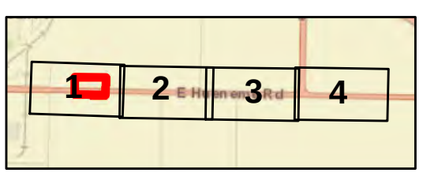
N

- Biological Study Area
- Potential CDFW Jurisdiction (2.00 acres)
- Permanent Impacts on Potential CDFW Jurisdiction (0.02 acre)
- Temporary Impacts on Potential CDFW Jurisdiction (0.64 acre)
- Edge of Pavement
- Grading Limits
- Drainage Improvements
- Proposed ROW
- Proposed TCE

FIGURE 8. IMPACTS ON POTENTIAL CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE JURISDICTION
Hueneme Road Widening Project
Ventura County

Sheet 7 of 7





Biological Study Area
Cattail Marsh
Potential Impacts on Cattail Marsh (0.02 acre)
Edge of Pavement
Grading Limits
Drainage Improvements
Proposed ROW
Proposed TCE

FIGURE 9. POTENTIAL IMPACTS ON SPECIAL-STATUS NATURAL COMMUNITIES
Hueneme Road Widening Project
Ventura County

However, with the implementation of the proposed avoidance, minimization, and mitigation measures discussed in Section 7.0, significant impacts on special-status natural communities would be substantially minimized.

6.3 Trees

Approximately 329 non-native trees would be removed during project construction, most of which function as a windbreak between Olds Road and Casper Road on the south side of Hueneme Road (see **Figure 4**). However, none of the trees that would be impacted are protected under County regulations, and significant impacts are not expected. These trees are not expected to be replaced.

6.4 Special-Status Plant Species

No special status plants were observed during field surveys and are not expected to be present in the construction area. Therefore, the project would have no impacts on special-status plants.

6.5 Special-Status Wildlife Species

Invertebrates

No American bumble bees were observed during field surveys; however, the American bumble bee is known to nest in open farmland, mostly on the surface of the ground among tall grass. Construction could result in direct and indirect impacts on American bumble bee if individuals were to be present during construction. Ground-disturbing activities could result in disturbance, injury, or mortality, and widening of the roadway could result in reduction of nesting and foraging habitat for American bumble bee. Noise and vibration could also result in disturbance to foraging patterns and habitat for American bumble bee. However, with implementation of proposed avoidance and minimization measures listed in Section 7.0, significant impacts on American bumble bee are not anticipated.

Reptiles

Although no legless lizards were observed during the field surveys, the BSA contains loose, loamy, moist soils that legless lizards prefer. These soils are found in the agricultural fields that occasionally lie fallow, which could provide suitable habitat for legless lizards. Construction activities, including vegetation/tree removal and trimming, staging, pedestrian and vehicle movement, and grading could result in direct and indirect impacts on legless lizards if they were to be present in construction areas. Indirect impacts on legless lizards could result from increased construction noise and vibration. However, with implementation of avoidance and minimization measures discussed below, significant impacts on California legless lizards are not anticipated.

Mammals

Based on survey results, there is potential for pallid bat and western red bat to be in the BSA. Construction activities, including vegetation/tree removal and trimming, staging, pedestrian and vehicle movement, and grading could result in direct and indirect impacts on bats if they were to be roosting in trees to be removed during construction. Indirect impacts on bats may include roost abandonment resulting from increased construction noise and vibration. However, with implementation of avoidance and minimization measures discussed below, significant impacts on bats are not anticipated.

Birds and Raptors

Project construction could result in direct and indirect impacts on migratory birds and raptors if individuals were to be present during construction. The project would include removing approximately 329 trees at the southern shoulder of Hueneme Road, east of Olds Road and west of Casper Road; the northern shoulder of Hueneme Road at the Southland Sod Farms offices; and the northern shoulder of Hueneme Road near 3121 Hueneme Road. Tree and vegetation removal and/or trimming could result in disturbance, injury, or mortality on nesting and/or foraging migratory birds and raptors and reduce the available nesting and/or habitat. Noise and vibration could also result in disturbance and nest abandonment. However, with the implementation of the proposed avoidance and minimization measures listed in Section 7.0, significant impacts on migratory birds and raptors are not anticipated.

6.6 Regional Connectivity/Wildlife Movement Corridors

Neither the BSA nor the land surrounding the BSA currently function as wildlife movement corridors or as regional connectivity hubs. Therefore, the project is not expected to impact wildlife movement in the area.

7.0 AVOIDANCE, MINIMIZATION, AND MITIGATION MEASURES

7.1 Jurisdictional Resources

Avoidance and Minimization Measures

BIO-1. Work areas would be reduced to the maximum extent feasible, and staging areas would be located a minimum of 25 feet from jurisdictional features.

BIO-2. Prior to the initiation of any work, including installation of Environmentally Sensitive Area (ESA) fencing or clearing and grubbing activities, a qualified biologist would conduct an environmental worker awareness training for all project personnel. The training would include a summary of sensitive habitats and special-status species with the potential to be within the construction area, required avoidance and minimization measures, and permitting conditions associated with biological resources.

BIO-3. Best management practices (BMP), such as silt fencing, fiber rolls, straw bales, or other measures would be implemented during construction to minimize dust, dirt, and construction debris from entering the slough and/or leaving the construction area. Silt fencing would be placed along the boundary of the work area and between the temporary impact area and the slough, and in other areas as appropriate to minimize impacts on the slough.

BIO-4. Appropriate hazardous material BMPs would be implemented to reduce the potential for chemical spills or contaminant releases into the slough including any non-stormwater discharge.

BIO-5. All equipment refueling and maintenance would be conducted at least 100 feet away from jurisdictional features. In addition, construction vehicles and equipment would be checked daily for fluid and fuel leaks, and drip pans would be placed under all equipment that is parked and not in operation. Any leaking vehicle or equipment would not be operated in the project area until repaired. All workers would be informed of the importance of preventing spills and the

appropriate measures to take should a spill happen.

BIO-6. Any temporary erosion control implemented during construction would be completed using non-invasive species. At project completion, all temporarily disturbed areas would be recontoured to pre-construction conditions.

7.2 Special-Status Natural Communities

Avoidance and Minimization Measures

BIO-7. Pesticides, herbicides, and/or rodenticides would not be used as part of the project.

BIO-8. Prior to construction near the Coastal and Valley Freshwater Marsh (Cattail Marsh), high visibility Environmentally Sensitive Area (ESA) protective fencing or flagging would be installed at the limits of construction to protect adjacent resources.

7.3 Trees

Avoidance and Minimization Measures

The project would result in permanent impacts on approximately 329 trees within the BSA. However, the trees are not special-status, nor do they require protection under NCZO. Therefore, no avoidance and minimization measures are required.

7.4 Special-Status Plant Species

Avoidance and Minimization Measures

The project would not result in impacts on special-status plants; therefore, no avoidance and minimization measures are required.

7.5 Special-Status Wildlife Species

Avoidance and Minimization Measures

General Measures

BIO-9. Vegetation removal and excavation would be reduced to the extent feasible.

BIO-10. Pre-construction wildlife surveys would be conducted within 48 hours prior to start of construction by a qualified biologist.

BIO-11. No pets would be allowed in the construction area, to avoid and minimize the potential for harassment, injury, and death of wildlife.

BIO-12. Nighttime construction would only be authorized on a case-by-case basis in coordination with a qualified biologist.

BIO-13. If special-status species are found in the construction areas, work would be suspended until appropriate measures are developed and implemented under the direction of a qualified biologist, and under consultation with regulatory agencies if warranted, to ensure the species are not harmed.

BIO-14. All project-related vehicle traffic would be restricted to established roads and construction areas, which include equipment staging, storage, parking, and stockpile areas.

BIO-15. To prevent attracting wildlife to the construction area, all food trash would be kept in wildlife-proof containers and any non-natural food sources would not be left unattended.

Invertebrates

BIO-16. Within 48 hours prior to construction, a qualified biologist would survey all areas where vegetation removal would be conducted to confirm the presence/absence of the special-status invertebrates.

BIO-17. If a special-status invertebrate is identified within the BSA, areas temporarily impacted during construction would be restored using native species using one or more of the food plant genera, if appropriate for the region.

Reptiles

BIO-18. To prevent inadvertent entrapment of the special-status reptiles species or other animals during construction, all excavated, steep-walled holes or trenches more than six inches deep would be provided with one or more escape ramps constructed of earthen fill or wooden planks. Before such holes or trenches are filled, they would be thoroughly inspected for trapped animals by a qualified biologist.

BIO-19. A qualified biologist would complete pre-construction surveys no more than 48 hours prior to construction to determine the presence or absence of special-status reptile species in the project area. Surveys would be repeated if construction activities are suspended for five days or more. If these species are identified onsite, appropriate measures would be developed and implemented to avoid impacts on these wildlife species, in consultation with appropriate resource agencies as applicable. Measures may include relocating individuals to outside the project area, limiting construction within the project area to avoid impacting these species, or other measures as determined by a qualified biologist in coordination with CDFW.

Mammals

BIO-20. A qualified biologist would complete pre-construction surveys no more than 48 hours prior to construction to determine the presence or absence of special-status mammal species in the project area. Surveys would be repeated if construction activities are suspended for five days or more. If these species are identified onsite, appropriate measures would be developed and implemented to avoid impacts on these wildlife species, in consultation with appropriate resource agencies as applicable. Measures may include relocating individuals to outside the project area, limiting construction within the project area to avoid impacting these species, or other measures as determined by a qualified biologist in coordination with CDFW.

BIO-21. Tree removal and trimming, if any, would be conducted outside of the recognized bat maternity season (approximately April 1 through September 15), and non-active season (November 1 through February 28) season for bats where feasible.

BIO-22. Prior to construction, a qualified bat biologist would conduct a habitat assessment within the project area. Any trees that are determined to provide potentially suitable habitat would be marked "habitat trees" by the qualified biologist.

BIO-23. During the summer months (June 1 through August 31) prior to construction, visual and acoustic surveys would be conducted for at least two nights at all identified roosting habitat to assess the presence of roosting bats. If presence of a roost is detected, a count and species analysis would be completed to help assess the type of colony and usage.

BIO-24. If the presence or absence of bats cannot be confirmed in potential roosting habitat, a qualified biologist would be onsite during tree removal/trimming or disturbance of this area. If the biologist determines that bats are being disturbed during this work, work would be suspended until bats have left the vicinity on their own or can be safely excluded under direction of the biologist. Work would resume only once all bats have left the site and/or approval to resume work is given by a qualified biologist.

BIO-25. No less than a month prior to construction, and outside of the recognized bat maternity and inactive seasons (September 15-October 31), bats would be safely evicted from roosts impacted by the project under the direction of a qualified biologist. Exclusionary devices would be installed if feasible on the bridge and in trees to prevent bats from returning and roosting in these areas. Roosts that would not be impacted by the project would be left undisturbed.

BIO-26. All removal of trees with potential bat habitat would be conducted using a 2-step process over two consecutive days under the supervision of a qualified biologist. On the first day, any trees that do not contain crevice or cavity roosting habitat, as determined by a qualified biologist, would be trimmed or removed (only if necessary for project construction). In addition, limited trimming of trees (branches and small limbs with no potential roosting features) would be completed. Construction crews would only use hand tools (i.e. chainsaws or similar). On the calendar day immediately following the trimming, all of trees that were previously trimmed would be removed (only if necessary for project construction).

BIO-27. If a maternal colony of bats is found, no work would be conducted within 100 feet of the maternal roosting site until the maternal season is finished or the bats have left the site, or as otherwise directed by a qualified biologist. The site would be designated as a sensitive area and protected as such until the bats have left the site. No activities would be authorized adjacent to the roosting site. Combustion equipment, such as generators, pumps, and vehicles, would not be parked nor operated under or adjacent to the roosting site. Construction personnel would not be authorized to enter areas beneath the colony, especially during the evening exodus (typically between 15 minutes prior to sunset and one hour following sunset).

<u>Birds and Raptors</u>

BIO-28. Tree removal would be avoided during the breeding season (February 15 through August 1).

BIO-29. If trimming or removal of vegetation and/or initial ground disturbance must be conducted during the nesting season, nesting bird surveys would be completed within 500 feet of the construction

area (500 feet for raptors and 100 feet for other birds), as feasible, by a qualified biologist no more than 72 hours days prior to trimming or ground disturbance activities. Surveys would be repeated if construction activities are suspended for 14 days or more.

BIO-30. If nesting birds are found within 500 feet of the construction area, appropriate buffers (typically 100 feet for birds and 500 feet for raptors) consisting of orange flagging/fencing or similar would be installed and maintained until nesting activity has ended, as determined in coordination with the surveying biologist and regulatory agencies, as appropriate.

BIO-31. Pre-construction burrowing owl surveys will be conducted by a qualified biologist in accordance with the most current CDFW survey requirements and methodologies.

8.0 CONCLUSIONS

The project could result in direct and indirect impacts on waters potentially under the jurisdiction of USACE, RWQCB, and CDFW and special-status wildlife species. However, with implementation of avoidance, minimization, and mitigation measures listed above in Section 7.0, impacts would be substantially minimized and are not expected to be significant.

Because the project would not be expected to result in any effects on federally listed wildlife species, consultation with the USFWS under the Federal Endangered Species Act is not required. Because the project would not be expected to result in take of any state-listed species, consultation with CDFW under the California Endangered Species Act is not required.

The determination of potential agency jurisdiction within the drainage ditches in the BSA is preliminary, and the USACE, RWQCB, and CDFW will have the ultimate authority to make the final determinations regarding these areas. Additional consultation with these agencies regarding potential regulatory oversight or exemption from oversight will be required prior to construction. If it is determined that these drainages fall within the jurisdiction of the USACE, RWQCB, and/or CDFW, the project may require regulatory permits, including a Clean Water Act Section 404 Nationwide Permit Authorization, Clean Water Act Section 401 Water Quality Certification, Porter-Cologne Act Waste Discharge Requirements, and/or a Fish and Game Code Section 1602 Streambed Alteration Agreement.

9.0 REFERENCES

California Department of Fish and Wildlife. (2019, 08 21). *Terrestrial Connectivity - ACE [ds2734]*. Retrieved September 11, 2023, from California Department of Fish and Wildlife Geographic Information Systems (GIS) Services: https://map.dfg.ca.gov/metadata/ds2734.html

California Department of Fish and Wildlife. (2023a, August 7). *California Natural Diversity Database (CNDDB)*. Retrieved August 7, 2023, from California Natural Diversity Database: https://www.wildlife.ca.gov/data/cnddb/maps-and-data

California Department of Fish and Wildlife. (2023b, February 14). *Biogeographic Information and Observation System*. Retrieved October 31, 2018, from California Department of Fish and Wildlife: https://www.wildlife.ca.gov/Data/BIOS

California Department of Fish and Wildlife. (2023b, September 11). *Biogeographic Information and Observation System (BIOS)*. Retrieved September 11, 2023, from BIOS: https://wildlife.ca.gov/Data/BIOS

California Native Plant Society. (2023, July 27). *A Manual of California Vegetation*. Retrieved July 2023, 2023, from Vegetation CNPS: https://vegetation.cnps.org

California Native Plant Society. (2023a, January 18). *Inventory of Rare and Endangered Plants of California (online edition , v8-03 0.45)*. Retrieved January 18, 2023, from California Native Plant Society: www.rareplants.cnps.org/

California Regional Water Quality Control Board, Los Angeles Region. (2002). *Tissue, Sediment and Benthic Infauna Data Revolon Slough Main Branch: Mugu Lagoon to Central Avenue.* Retrieved September 11, 2023, from https://www.waterboards.ca.gov/losangeles/water_issues/programs/303d/2002/factsheet/revolon%20slough%20main%20branch-fact%20sheet.pdf

County of Ventura Resource Management Agency. (2010, November). *County of Ventura, Coastal and Non-Coastal Zones.* Retrieved September 28, 2023, from County of Ventura Resource Management Agency: https://docs.vcrma.org/images/pdf/planning/maps/Coastal-vs-Non-Coastal-Zone-Map.pdf

County of Ventura Resource Management Agency. (2010, April 6). *Resource Protection Map.* Retrieved September 27, 2023, from County of Ventura Resource Management Agency: https://docs.vcrma.org/images/pdf/planning/tree-permits/Resource_Protection_Map_South.pdf

Federal Geographic Data Committee, Vegetation Subcommittee. (2023, October 4). USNVC (United States National Vegetation Classification) Database Version 2.04. Washington D.C. Retrieved October 4, 2023, from https://usnvc.org/explore-classification/

Holland, R. F. (1986). *Preliminary Descriptions of the Terrestrial Natural Communities of California.* Sacramento, California: California Department of Fish and Game. Retrieved September 11, 2023, from https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=75893

Kasraie Consulting. (2023). *Hueneme Road Widening - Phase 1 Hydrology Study.* Retrieved May 30, 2023

Leopold, L. B. (1994). *A View of the River.* Cambridge, MA: Harvard University Press.

National Oceanic and Atmospheric Administration. (2022). *Global Summary of the Year.* Retrieved September 11, 2023, from National Centers for Environmental Information: Climate Data Online: https://www.ncei.noaa.gov/maps/annual/

National Oceanic and Atmospheric Administration. (2023, October 4). NOAA Fisheries Species List: Hueneme Road Widening Project. Retrieved October 4, 2023

Natural Resources Conservation Service. (2023, January 5). *Custom Soil Report for the Western Riverside Area, California.* Retrieved from Web Soil Survey: https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm

Rosgen, D. L. (1996). *Applied River Morphology.* Pagosa Springs, CO: Wildland Hydrology Books.

State Water Resources Control Board. (2021, April 6). State Policy for Water Quality Control: State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State.

United States Army Corps of Engineers. (1987). *Corps of Engineers Wetlands Delineation Manual.* Environmental Laboratory. Vicksburg, MS: U.S. Army Corps of Engineers Waterways Experiment Station. Retrieved from US Army Corps of Engineers: http://www.lrh.usace.army.mil/Portals/38/docs/USACE%2087%20Wetland%20Delineation%20Manual.pdf

United States Army Corps of Engineers. (2008a). *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0).* Environmental Laboratory. Vicksburg, MS: U.S. Army Engineer Research and Development Center. Retrieved from https://usace.contentdm.oclc.org/utils/getfile/collection/p266001coll1/id/7627

United States Department of Agriculture Natural Resources Conservation Service. (2023, September 12). *Custom Soil Resource Report for Ventura Area, California. Hueneme Road BSA.* Retrieved September 12, 2023, from Web Soil Survey: https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm

United States Fish and Wildlife. (2023a, September 26). *Critical Habitat for Threatened & Endangered Species [USFWS]*. Retrieved September 27, 2023, from ECOS: Environmental Conservation Online System: https://ecos.fws.gov/ecp/report/table/critical-habitat.html

United States Fish and Wildlife Service. (2013, December 2). *Migratory Bird Treaty Act Protected Species (10.13 List)*. Retrieved November 2, 2018, from U.S. Fish and Wildlife Service Migratory Bird Program: https://www.fws.gov/birds/management/managed-species/migratory-bird-treaty-act-protected-species.php

United States Fish and Wildlife Service. (2018, September 26). *Birds Protected*. Retrieved November 2, 2018, from Migratory Bird Treaty Act: https://www.fws.gov/birds/policies-and-regulations/laws-legislations/migratory-bird-treaty-act.php

United States Fish and Wildlife Service. (2023a). *Information for Planning and Consultation.* Carlsbad, CA: Carlsbad Fish and Wildlife Office. Retrieved October 4, 2023, from Environmental Conservation Online System: https:// ecos.fws.gov/ipac/location/index

United States Fish and Wildlife Service. (2023c, January 20). *National Wetlands Inventory Surface Waters and Wetlands.* Retrieved January 20, 2023, from National Wetlands Inventory Wetlands Mapper: https://www.fws.gov/wetlands/data/Mapper.html

United States Fish and Wildlife Services. (2023b, January 5). *National Wetlands Inventory.* Retrieved January 5, 2023, from Wetlands Mapper: https://www.fws.gov/wetlands/data/Mapper.html

Ventura County Planning Division. (2023, July 25). Ventura County Non-Coastal Zoning Ordinance. *Division 8, Chapter 1 of the Ventura County Ordinance Code*. Ventura, California. Retrieved September 27, 2023, from https://vcrma.org/docs/images/pdf/planning/ordinances/VCNCZO_Current.pdf

Ventura County Public Works Agency Watershed Protection District. (2003). *Calleguas Creek Watershed Hydrology Study Present Condition.* Retrieved September 11, 2023, from https://s29422.pcdn.co/wp-content/uploads/2021/01/CC_Hydrology_Present_VCWPD.pdf

APPENDIX A

CNDDB, NMFS, AND USFWS SPECIES LISTS

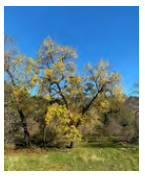
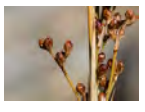
Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Calochortus plummerae Plummer's mariposa-lily	PMLIL0D150	None	None	G4	S4	4.2
Catostomus santaanae Santa Ana sucker	AFCJC02190	Threatened	None	G1	S1	
Chaenactis glabriuscula var. orcuttiana Orcutt's pincushion	PDAST20095	None	None	G5T1T2	S1	1B.1
Chaetodipus californicus femoralis Dulzura pocket mouse	AMAFD05021	None	None	G5T3	S3	SSC
Charadrius nivosus nivosus western snowy plover	ABNNB03031	Threatened	None	G3T3	S3	SSC
Chloropyron maritimum ssp. maritimum salt marsh bird's-beak	PDSCR0J0C2	Endangered	Endangered	G4?T1	S1	1B.2
Choeronycteris mexicana Mexican long-tongued bat	AMACB02010	None	None	G3G4	S1	SSC
Cicindela hirticollis gravida sandy beach tiger beetle	IICOL02101	None	None	G5T2	S2	
Cicindela senilis frosti senile tiger beetle	IICOL02121	None	None	G2G3T1T3	S1	
Coastal and Valley Freshwater Marsh Coastal and Valley Freshwater Marsh	CTT52410CA	None	None	G3	S2.1	
Coccyzus americanus occidentalis western yellow-billed cuckoo	ABNRB02022	Threatened	Endangered	G5T2T3	S1	
Coelus globosus globose dune beetle	IICOL4A010	None	None	G1G2	S1S2	
Danaus plexippus plexippus pop. 1 monarch - California overwintering population	IILEPP2012	Candidate	None	G4T1T2Q	S2	
Dudleya blochmaniae ssp. blochmaniae Blochman's dudleya	PDCRA04051	None	None	G3T2	S2	1B.1
Dudleya verityi Verity's dudleya	PDCRA040U0	Threatened	None	G1	S1	1B.1
Elanus leucurus white-tailed kite	ABNKC06010	None	None	G5	S3S4	FP
Empidonax traillii extimus southwestern willow flycatcher	ABPAE33043	Endangered	Endangered	G5T2	S3	
Emys marmorata western pond turtle	ARAAD02030	None	None	G3G4	S3	SSC
Eremophila alpestris actia California horned lark	ABPAT02011	None	None	G5T4Q	S4	WL
Eriogonum crocatum conejo buckwheat	PDPGN081G0	None	Rare	G1	S1	1B.2
Eucyclogobius newberryi tidewater goby	AFCQN04010	Endangered	None	G3	S3	

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Eumops perotis californicus western mastiff bat	AMACD02011	None	None	G4G5T4	S3S4	SSC
Falco peregrinus anatum American peregrine falcon	ABNKD06071	Delisted	Delisted	G4T4	S3S4	
Gasterosteus aculeatus williamsoni unarmored threespine stickleback	AFCPA03011	Endangered	Endangered	G5T1	S1	FP
Gila orcuttii arroyo chub	AFCJB13120	None	None	G2	S2	SSC
Helminthoglypta traskii traskii Trask shoulderband	IMGASC2473	None	None	G1G2T1	S2S3	
Lasthenia glabrata ssp. coulteri Coulter's goldfields	PDAST5L0A1	None	None	G4T2	S2	1B.1
Laterallus jamaicensis coturniculus California black rail	ABNME03041	None	Threatened	G3T1	S2	FP
Malacothrix similis Mexican malacothrix	PDAST660D0	None	None	G2G3	SH	2A
Microtus californicus stephensi south coast marsh vole	AMAFF11035	None	None	G5T2T3	S2	SSC
Monardella hypoleuca ssp. hypoleuca white-veined monardella	PDLAM180A5	None	None	G4T3	S3	1B.3
Monardella sinuata ssp. gerryi Gerry's curly-leaved monardella	PDLAM18163	None	None	G3T1	S1	1B.1
Navarretia ojaiensis Ojai navarretia	PDPLM0C130	None	None	G2	S2	1B.1
Oncorhynchus mykiss irideus pop. 10 steelhead - southern California DPS	AFCHA0209J	Endangered	Candidate Endangered	G5T1Q	S1	
Panoquina errans wandering (=saltmarsh) skipper	IILEP84030	None	None	G4G5	S2	
Passerculus sandwichensis beldingi Belding's savannah sparrow	ABPBX99015	None	Endangered	G5T3	S3	
Pelecanus occidentalis californicus California brown pelican	ABNFC01021	Delisted	Delisted	G4T3T4	S3	
Phrynosoma blainvillii coast horned lizard	ARACF12100	None	None	G4	S4	SSC
Polioptila californica californica coastal California gnatcatcher	ABPBJ08081	Threatened	None	G4G5T3Q	S2	SSC
Pseudognaphalium leucocephalum white rabbit-tobacco	PDAST440C0	None	None	G4	S2	2B.2
Rallus obsoletus levipes light-footed Ridgway's rail	ABNME05014	Endangered	Endangered	G3T1T2	S1	FP
Rana boylii pop. 6 foothill yellow-legged frog - south coast DPS	AAABH01056	Proposed Endangered	Endangered	G3T1	S1	

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Rana draytonii California red-legged frog	AAABH01022	Threatened	None	G2G3	S2S3	SSC
Riparia riparia bank swallow	ABPAU08010	None	Threatened	G5	S3	
Senecio aphanactis chaparral ragwort	PDAST8H060	None	None	G3	S2	2B.2
Setophaga petechia yellow warbler	ABPBX03010	None	None	G5	S3	SSC
Sorex ornatus salicornicus southern California saltmarsh shrew	AMABA01104	None	None	G5T1?	S1	SSC
Southern California Coastal Lagoon Southern California Coastal Lagoon	CALE1220CA	None	None	GNR	SNR	
Southern California Steelhead Stream Southern California Steelhead Stream	CARE2310CA	None	None	GNR	SNR	
Southern Coast Live Oak Riparian Forest Southern Coast Live Oak Riparian Forest	CTT61310CA	None	None	G4	S4	
Southern Coastal Salt Marsh Southern Coastal Salt Marsh	CTT52120CA	None	None	G2	S2.1	
Southern Riparian Scrub Southern Riparian Scrub	CTT63300CA	None	None	G3	S3.2	
Southern Sycamore Alder Riparian Woodland Southern Sycamore Alder Riparian Woodland	CTT62400CA	None	None	G4	S4	
Sternula antillarum browni California least tern	ABNNM08103	Endangered	Endangered	G4T2T3Q	S2	FP
Suaeda esteroa estuary seablite	PDCHE0P0D0	None	None	G3	S2	1B.2
Taxidea taxus American badger	AMAJF04010	None	None	G5	S3	SSC
Texosporium sancti-jacobi woven-spored lichen	NLTEST7980	None	None	G3	S2	3
Thamnophis hammondii two-striped gartersnake	ARADB36160	None	None	G4	S3S4	SSC
Thamnophis sirtalis pop. 1 south coast gartersnake	ARADB3613F	None	None	G5T1T2	S1S2	SSC
Trimerotropis occidentiloides Santa Monica grasshopper	IIORT36300	None	None	G2	S2	
Tryonia imitator mimic tryonia (=California brackishwater snail)	IMGASJ7040	None	None	G2	S2	
Valley Needlegrass Grassland Valley Needlegrass Grassland	CTT42110CA	None	None	G3	S3.1	
Vireo bellii pusillus least Bell's vireo	ABPBW01114	Endangered	Endangered	G5T2	S3	

Record Count: 82

Calochortus clavatus var. *gracilis*	slender mariposa-lily	Liliaceae	perennial bulbiferous herb	Mar-Jun(Nov)	None	None	G4T2T3	S2S3	1B.2	Yes	1994-01-01	No Photo Available
Calochortus fimbriatus	late-flowered mariposa-lily	Liliaceae	perennial bulbiferous herb	Jun-Aug	None	None	G3	S3	1B.3	Yes	1994-01-01	No Photo Available
Calochortus plummerae	Plummer's mariposa-lily	Liliaceae	perennial bulbiferous herb	May-Jul	None	None	G4	S4	4.2	Yes	1994-01-01	No Photo Available
Calystegia peirsonii	Peirson's morning-glory	Convolvulaceae	perennial rhizomatous herb	Apr-Jun	None	None	G4	S4	4.2	Yes	1974-01-01	No Photo Available
Chaenactis glabriuscula var. *orcuttiana*	Orcutt's pincushion	Asteraceae	annual herb	Jan-Aug	None	None	G5T1T2	S1	1B.1		2001-01-01	No Photo Available
Chloropyron maritimum ssp. *maritimum*	salt marsh bird's-beak	Orobanchaceae	annual herb (hemiparasitic)	May-Oct(Nov)	FE	CE	G4?T1	S1	1B.2		1974-01-01	No Photo Available
Cistanthe maritima	seaside cistanthe	Montiaceae	annual herb	(Feb)Mar-Jun(Aug)	None	None	G3G4	S3	4.2		1980-01-01	No Photo Available
Convolvulus simulans	small-flowered morning-glory	Convolvulaceae	annual herb	Mar-Jul	None	None	G4	S4	4.2		1994-01-01	No Photo Available
Corethrogyne leucophylla	branching beach aster	Asteraceae	perennial herb	May-Dec	None	None	G3Q	S3	3.2	Yes	1974-01-01	No Photo Available
Dichondra occidentalis	western dichondra	Convolvulaceae	perennial rhizomatous herb	(Jan)Mar-Jul	None	None	G3G4	S3S4	4.2		1974-01-01	No Photo Available
Dudleya blochmaniae ssp. *blochmaniae*	Blochman's dudleya	Crassulaceae	perennial herb	Apr-Jun	None	None	G3T2	S2	1B.1		1974-01-01	© 2011 Aaron E. Sims
Dudleya verityi	Verity's dudleya	Crassulaceae	perennial herb	May-Jun	FT	None	G1	S1	1B.1	Yes	1984-01-01	No Photo Available
Eleocharis parvula	small spikerush	Cyperaceae	perennial herb	(Apr)Jun-Aug(Sep)	None	None	G5	S3	4.3		1980-01-01	©2018 Ron Vanderhoff
Eriogonum crocatum	conejo buckwheat	Polygonaceae	perennial herb	Apr-Jul	None	CR	G1	S1	1B.2	Yes	1974-01-01	No Photo Available

Erysimum insulare	island wallflower	Brassicaceae	perennial herb	Mar-Jul	None	None	G3	S3	1B.3	Yes	1974-01-01	No Photo Available
Erysimum suffrutescens	suffrutescent wallflower	Brassicaceae	perennial herb	Jan-Jul(Aug)	None	None	G3	S3	4.2	Yes	1980-01-01	No Photo Available
Juglans californica	Southern California black walnut	Juglandaceae	perennial deciduous tree	Mar-Aug	None	None	G4	S4	4.2	Yes	1994-01-01	 © 2020 Zoya Akulova
Juncus acutus ssp. *leopoldii*	southwestern spiny rush	Juncaceae	perennial rhizomatous herb	(Mar)May-Jun	None	None	G5T5	S4	4.2		1988-01-01	 © 2019 Belinda Lo
Lasthenia glabrata ssp. *coulteri*	Coulter's goldfields	Asteraceae	annual herb	Feb-Jun	None	None	G4T2	S2	1B.1		1994-01-01	© 2013 Keir Morse
Lepechinia fragrans	fragrant pitcher sage	Lamiaceae	perennial shrub	Mar-Oct	None	None	G3	S3	4.2	Yes	1974-01-01	© 2014 Debra L. Cook
Malacothrix similis	Mexican malacothrix	Asteraceae	annual herb	Apr-May	None	None	G2G3	SH	2A		2007-04-05	No Photo Available
Monardella hypoleuca ssp. *hypoleuca*	white-veined monardella	Lamiaceae	perennial herb	(Apr)May-Aug(Sep-Dec)	None	None	G4T3	S3	1B.3	Yes	2013-01-03	No Photo Available
Monardella sinuata ssp. *gerryi*	Gerry's curly-leaved monardella	Lamiaceae	annual herb	Apr-Jun	None	None	G3T1	S1	1B.1	Yes	2015-08-31	No Photo Available
Navarretia ojaiensis	Ojai navarretia	Polemoniaceae	annual herb	May-Jul	None	None	G2	S2	1B.1	Yes	2008-05-15	No Photo Available
Polygala cornuta var. *fishiae*	Fish's milkwort	Polygalaceae	perennial deciduous shrub	May-Aug	None	None	G5T4	S4	4.3		1974-01-01	No Photo Available
Pseudognaphalium leucocephalum	white rabbit-tobacco	Asteraceae	perennial herb	(Jul)Aug-Nov(Dec)	None	None	G4	S2	2B.2		2006-11-03	No Photo Available
Senecio aphanactis	chaparral ragwort	Asteraceae	annual herb	Jan-Apr(May)	None	None	G3	S2	2B.2		1994-01-01	No Photo Available
Suaeda californica	California seablite	Chenopodiaceae	perennial evergreen shrub	Jul-Oct	FE	None	G1	S1	1B.1	Yes	1988-01-01	No Photo Available

Suaeda esteroa	estuary seablite	Chenopodiaceae	perennial herb	(Jan-May)Jul-Oct	None	None	G3	S2	1B.2	1984-01-01	No Photo Available
Suaeda taxifolia	woolly seablite	Chenopodiaceae	perennial evergreen shrub	Jan-Dec	None	None	G4	S4	4.2	1994-01-01	No Photo Available
Texosporium sancti-jacobi	woven-spored lichen	Caliciaceae	crustose lichen (terricolous)		None	None	G3	S2	3	2014-03-01	©2021 Scot Loring

Showing 1 to 41 of 41 entries

Suggested Citation:

California Native Plant Society, Rare Plant Program. 2023. Rare Plant Inventory (online edition, v9.5). Website https://www.rareplants.cnps.org [accessed 19 January 2023].

NC Steelhead Critical Habitat -
CCC Steelhead Critical Habitat -
SCCC Steelhead Critical Habitat -
SC Steelhead Critical Habitat - X
CCV Steelhead Critical Habitat -
Eulachon Critical Habitat -
sDPS Green Sturgeon Critical Habitat -

ESA Marine Invertebrates

Range Black Abalone (E) - X
Range White Abalone (E) - X

ESA Marine Invertebrates Critical Habitat

Black Abalone Critical Habitat -

ESA Sea Turtles

East Pacific Green Sea Turtle (T) - X
Olive Ridley Sea Turtle (T/E) - X
Leatherback Sea Turtle (E) - X
North Pacific Loggerhead Sea Turtle (E) - X

ESA Whales

Blue Whale (E) - X
Fin Whale (E) - X
Humpback Whale (E) - X
Southern Resident Killer Whale (E) - X
North Pacific Right Whale (E) - X
Sei Whale (E) - X
Sperm Whale (E) - X

ESA Pinnipeds

Guadalupe Fur Seal (T) - X
Steller Sea Lion Critical Habitat -

Essential Fish Habitat

Coho EFH -
Chinook Salmon EFH -
Groundfish EFH - X
Coastal Pelagics EFH - X
Highly Migratory Species EFH - X

MMPA Species (See list at left)

ESA and MMPA Cetaceans/Pinnipeds

See list at left and consult the NMFS Long Beach office

562-980-4000

MMPA Cetaceans - **X**

MMPA Pinnipeds - **X**

Quad Name **Camarillo**

Quad Number **34119-B1**

ESA Anadromous Fish

SONCC Coho ESU (T) -

CCC Coho ESU (E) -

CC Chinook Salmon ESU (T) -

CVSR Chinook Salmon ESU (T) -

SRWR Chinook Salmon ESU (E) -

NC Steelhead DPS (T) -

CCC Steelhead DPS (T) -

SCCC Steelhead DPS (T) -

SC Steelhead DPS (E) - **X**

CCV Steelhead DPS (T) -

Eulachon (T) -

sDPS Green Sturgeon (T) -

ESA Anadromous Fish Critical Habitat

SONCC Coho Critical Habitat -

CCC Coho Critical Habitat -

CC Chinook Salmon Critical Habitat -

CVSR Chinook Salmon Critical Habitat -

SRWR Chinook Salmon Critical Habitat -

NC Steelhead Critical Habitat -

CCC Steelhead Critical Habitat -

SCCC Steelhead Critical Habitat -

SC Steelhead Critical Habitat -

CCV Steelhead Critical Habitat -

Eulachon Critical Habitat -

sDPS Green Sturgeon Critical Habitat -

ESA Marine Invertebrates

Range Black Abalone (E) -

Range White Abalone (E) -

ESA Marine Invertebrates Critical Habitat

Black Abalone Critical Habitat -

ESA Sea Turtles

East Pacific Green Sea Turtle (T) -

Olive Ridley Sea Turtle (T/E) -
Leatherback Sea Turtle (E) -
North Pacific Loggerhead Sea Turtle (E) -

ESA Whales

Blue Whale (E) -
Fin Whale (E) -
Humpback Whale (E) -
Southern Resident Killer Whale (E) -
North Pacific Right Whale (E) -
Sei Whale (E) -
Sperm Whale (E) -

ESA Pinnipeds

Guadalupe Fur Seal (T) -

Steller Sea Lion Critical Habitat -

Essential Fish Habitat

Coho EFH -
Chinook Salmon EFH -
Groundfish EFH -
Coastal Pelagics EFH -
Highly Migratory Species EFH -

MMPA Species (See list at left)

ESA and MMPA Cetaceans/Pinnipeds

See list at left and consult the NMFS Long Beach office 562-980-4000

MMPA Cetaceans -
MMPA Pinnipeds -

CONSULTING GPA

VICTORIA MASJUAN
Associate Biologist | victoria@gpaconsulting-us.com
840 Apollo Street, Suite 312
El Segundo, CA 90245
(310) 792-2690 x138
www.gpaconsulting-us.com
El Segundo • Los Angeles • Sacramento

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Ventura Fish And Wildlife Office
2493 Portola Road, Suite B
Ventura, CA 93003-7726
Phone: (805) 644-1766 Fax: (805) 644-3958
Email Address: FW8VenturaSection7@FWS.Gov

In Reply Refer To: October 04, 2023
Project Code: 2024-0001603
Project Name: Hueneme Road Widening Project

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed list identifies species listed as threatened and endangered, species proposed for listing as threatened or endangered, designated and proposed critical habitat, and species that are candidates for listing that may occur within the boundary of the area you have indicated using the U.S. Fish and Wildlife Service's (Service) Information Planning and Conservation System (IPaC). The species list fulfills the requirements under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 et seq.). Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the species list should be verified after 90 days. We recommend that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists following the same process you used to receive the enclosed list. Please include the Consultation Tracking Number in the header of this letter with any correspondence about the species list.

Due to staff shortages and excessive workload, we are unable to provide an official list more specific to your area. Numerous other sources of information are available for you to narrow the list to the habitats and conditions of the site in which you are interested. For example, we recommend conducting a biological site assessment or surveys for plants and animals that could help refine the list.

If a Federal agency is involved in the project, that agency has the responsibility to review its proposed activities and determine whether any listed species may be affected. If the project is a major construction project*, the Federal agency has the responsibility to prepare a biological assessment to make a determination of the effects of the action on the listed species or critical habitat. If the Federal agency determines that a listed species or critical habitat is likely to be adversely affected, it should request, in writing through our office, formal consultation pursuant to section 7 of the Act. Informal consultation may be used to exchange information and resolve conflicts with respect to threatened or endangered species or their critical habitat prior to a

written request for formal consultation. During this review process, the Federal agency may engage in planning efforts but may not make any irreversible commitment of resources. Such a commitment could constitute a violation of section 7(d) of the Act.

Federal agencies are required to confer with the Service, pursuant to section 7(a)(4) of the Act, when an agency action is likely to jeopardize the continued existence of any proposed species or result in the destruction or adverse modification of proposed critical habitat (50 CFR 402.10(a)). A request for formal conference must be in writing and should include the same information that would be provided for a request for formal consultation. Conferences can also include discussions between the Service and the Federal agency to identify and resolve potential conflicts between an action and proposed species or proposed critical habitat early in the decision-making process. The Service recommends ways to minimize or avoid adverse effects of the action. These recommendations are advisory because the jeopardy prohibition of section 7(a)(2) of the Act does not apply until the species is listed or the proposed critical habitat is designated. The conference process fulfills the need to inform Federal agencies of possible steps that an agency might take at an early stage to adjust its actions to avoid jeopardizing a proposed species.

When a proposed species or proposed critical habitat may be affected by an action, the lead Federal agency may elect to enter into formal conference with the Service even if the action is not likely to jeopardize or result in the destruction or adverse modification of proposed critical habitat. If the proposed species is listed or the proposed critical habitat is designated after completion of the conference, the Federal agency may ask the Service, in writing, to confirm the conference as a formal consultation. If the Service reviews the proposed action and finds that no significant changes in the action as planned or in the information used during the conference have occurred, the Service will confirm the conference as a formal consultation on the project and no further section 7 consultation will be necessary. Use of the formal conference process in this manner can prevent delays in the event the proposed species is listed or the proposed critical habitat is designated during project development or implementation.

Candidate species are those species presently under review by the Service for consideration for Federal listing. Candidate species should be considered in the planning process because they may become listed or proposed for listing prior to project completion. Preparation of a biological assessment, as described in section 7(c) of the Act, is not required for candidate species. If early evaluation of your project indicates that it is likely to affect a candidate species, you may wish to request technical assistance from this office.

Only listed species receive protection under the Act. However, sensitive species should be considered in the planning process in the event they become listed or proposed for listing prior to project completion. We recommend that you review information in the California Department of Fish and Wildlife's Natural Diversity Data Base. You can contact the California Department of Fish and Wildlife at (916) 324-3812 for information on other sensitive species that may occur in this area.

[*A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the

human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

Attachment(s):

- Official Species List
- Bald & Golden Eagles
- Migratory Birds
- Wetlands

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

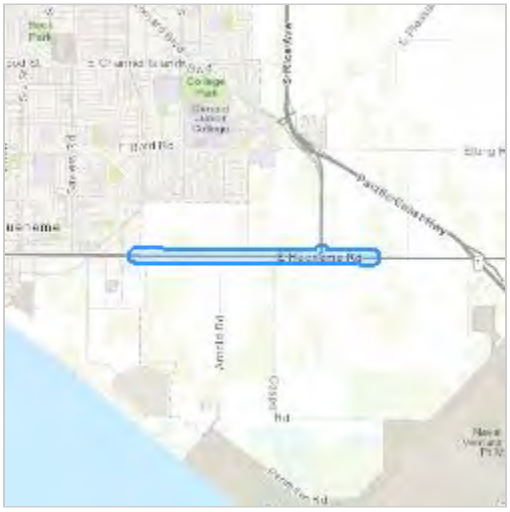
Ventura Fish And Wildlife Office
2493 Portola Road, Suite B
Ventura, CA 93003-7726
(805) 644-1766

PROJECT SUMMARY

Project Code: 2024-0001603
Project Name: Hueneme Road Widening Project
Project Type: Road/Hwy - Maintenance/Modification
Project Description: The County of Ventura proposes to widen an approximate 1.93-mile portion of Hueneme Road, between Edison Drive and Rice Avenue, from a two-lane roadway to a 4-lane roadway with buffered bike lanes, a paved median, and turn lanes. The purpose of this project is to improve vehicle and bicycle travel and safety between the Cities of Oxnard and Camarillo. The project is listed in the Southern California Association of Governments (SCAG) 2023 Federal Transportation Improvement Program (FTIP) for the fiscal years 2022/2023-2025/2026.

Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@34.14738785,-119.14775426445732,14z



Counties: Ventura County, California

ENDANGERED SPECIES ACT SPECIES

There is a total of 18 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

---

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

BIRDS

NAME	STATUS
California Condor *Gymnogyps californianus* Population: U.S.A. only, except where listed as an experimental population There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8193	Endangered
California Least Tern *Sterna antillarum browni* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8104	Endangered
Least Bell's Vireo *Vireo bellii pusillus* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5945	Endangered
Light-footed Clapper Rail *Rallus longirostris levipes* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6035	Endangered
Marbled Murrelet *Brachyramphus marmoratus* Population: U.S.A. (CA, OR, WA) There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/4467	Threatened
Southwestern Willow Flycatcher *Empidonax traillii extimus* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6749	Endangered
Western Snowy Plover *Charadrius nivosus nivosus* Population: Pacific Coast population DPS-U.S.A. (CA, OR, WA), Mexico (within 50 miles of Pacific coast) There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8035	Threatened
Yellow-billed Cuckoo *Coccyzus americanus* Population: Western U.S. DPS There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/3911	Threatened

FISHES

NAME	STATUS
Tidewater Goby *Eucyclogobius newberryi* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/57	Endangered

INSECTS

NAME	STATUS
Monarch Butterfly *Danaus plexippus* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

CRUSTACEANS

NAME	STATUS
Riverside Fairy Shrimp *Streptocephalus woottoni* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8148	Endangered
Vernal Pool Fairy Shrimp *Branchinecta lynchi* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/498	Threatened

FLOWERING PLANTS

NAME	STATUS
California Orcutt Grass *Orcuttia californica* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4923	Endangered
Gambel's Watercress *Rorippa gambellii* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4201	Endangered
Marsh Sandwort *Arenaria paludicola* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2229	Endangered
Salt Marsh Bird's-beak *Cordylanthus maritimus ssp. maritimus* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6447	Endangered
Spreading Navarretia *Navarretia fossalis* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/1334	Threatened
Ventura Marsh Milk-vetch *Astragalus pycnostachyus var. lanosissimus* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/1160	Endangered

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

BALD & GOLDEN EAGLES

Bald and golden eagles are protected under the Bald and Golden Eagle Protection Act[1] and the Migratory Bird Treaty Act[2].

Any person or organization who plans or conducts activities that may result in impacts to bald or golden eagles, or their habitats[3], should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

---

1. The Bald and Golden Eagle Protection Act of 1940.
2. The Migratory Birds Treaty Act of 1918.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

There are bald and/or golden eagles in your project area.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle *Haliaeetus leucocephalus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds Jan 1 to Aug 31

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read the supplemental information and specifically the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

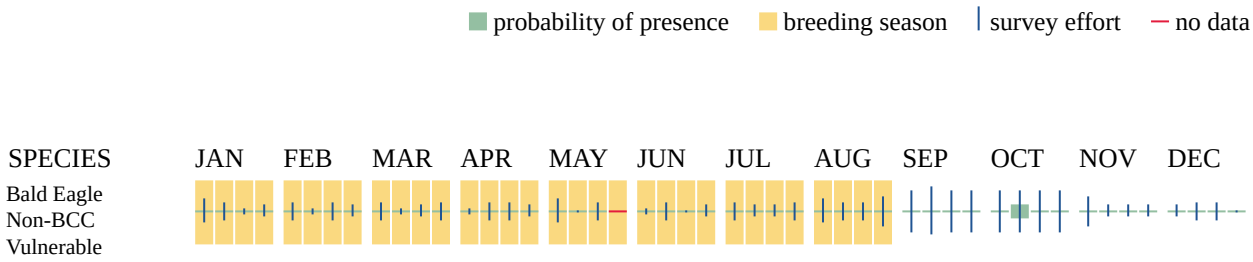
Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

Breeding Season (■)
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

Survey Effort (|)
Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data (–)

A week is marked as having no data if there were no survey events for that week.



Additional information can be found using the following links:

- Eagle Managment https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide conservation measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

MIGRATORY BIRDS

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats[3] should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Allen's Hummingbird *Selasphorus sasin* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9637	Breeds Feb 1 to Jul 15
Bald Eagle *Haliaeetus leucocephalus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds Jan 1 to Aug 31
Belding's Savannah Sparrow *Passerculus sandwichensis beldingi* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/8	Breeds Apr 1 to Aug 15
Bullock's Oriole *Icterus bullockii* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds Mar 21 to Jul 25
California Gull *Larus californicus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Mar 1 to Jul 31
California Thrasher *Toxostoma redivivum* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Jan 1 to Jul 31
Common Yellowthroat *Geothlypis trichas sinuosa* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/2084	Breeds May 20 to Jul 31
Lawrence's Goldfinch *Carduelis lawrencei* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9464	Breeds Mar 20 to Sep 20
Marbled Godwit *Limosa fedoa* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9481	Breeds elsewhere
Nuttall's Woodpecker *Picoides nuttallii* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9410	Breeds Apr 1 to Jul 20
Oak Titmouse *Baeolophus inornatus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9656	Breeds Mar 15 to Jul 15

NAME	BREEDING SEASON
Olive-sided Flycatcher *Contopus cooperi* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3914	Breeds May 20 to Aug 31
Short-billed Dowitcher *Limnodromus griseus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9480	Breeds elsewhere
Tricolored Blackbird *Agelaius tricolor* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3910	Breeds Mar 15 to Aug 10
Western Grebe *aechmophorus occidentalis* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/6743	Breeds Jun 1 to Aug 31
Willet *Tringa semipalmata* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds elsewhere
Wrentit *Chamaea fasciata* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Mar 15 to Aug 10

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read the supplemental information and specifically the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

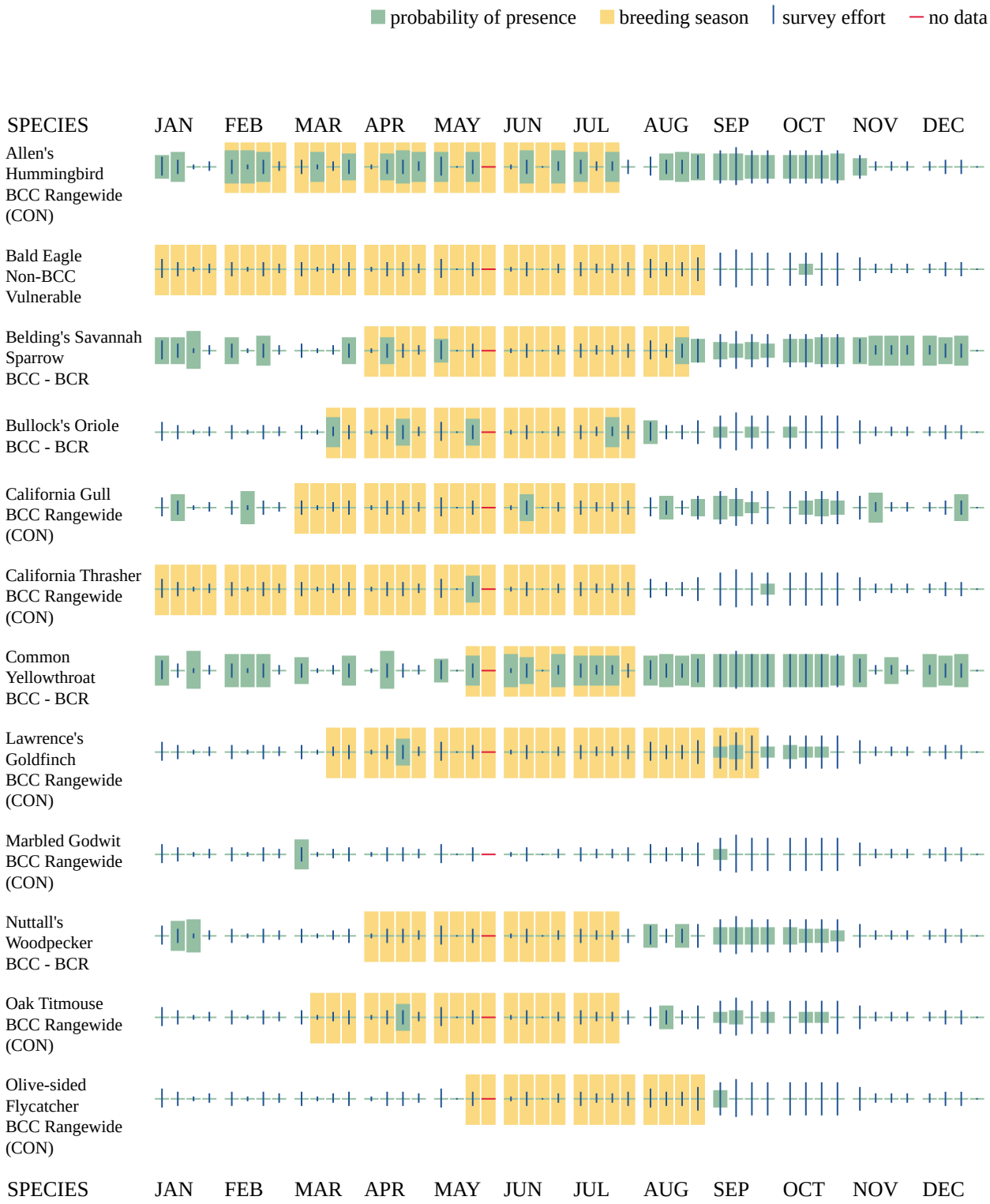
Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

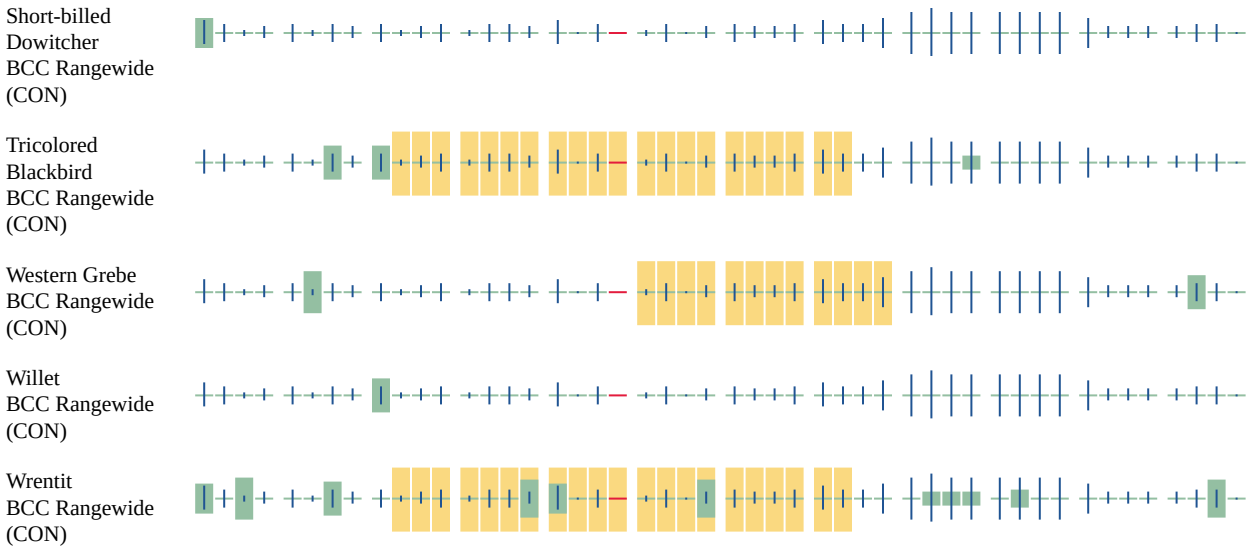
Breeding Season (■)
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

Survey Effort (|)
Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data (–)

A week is marked as having no data if there were no survey events for that week.





Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide conservation measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

WETLANDS

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

FRESHWATER EMERGENT WETLAND

- PEM1Cx

IPAC USER CONTACT INFORMATION

Agency: County of Ventura
Name: Victoria Masjuan
Address: 840 Apollo Street, Suite 312
City: El Segundo
State: CA
Zip: 90245
Email victoria@gpaconsulting-us.com
Phone: 3107922690

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Federal Highway Administration

APPENDIX B

SPECIES OBSERVED DURING BIOLOGICAL SURVEY

Hueneme Road Widening Project

Plant Species Observed in the Biological Study Area, May 3-5, 2023

Scientific Name	Common Name	Native Status
Plant Species		
ANGIOSPERMS (EUDICOTS)		
AIZOACEAE	FIG-MARIGOLD FAMILY	
Carpobrotus edulis	iceplant	non-native/invasive
APIACEAE	CARROT FAMILY	
Apium graveolens	celery (cultivated)	non-native
ASTERACEAE	ASTER FAMILY	
Baccharis salicifolia	mulefat	native
Glebionis coronaria	garland daisy	non-native/invasive
Helianthus annuus	common sunflower (cultivated)	native
Lactuca sativa	lettuce (cultivated)	non-native
Sonchus oleraceus	common sowthistle	non-native
BRASSICACEAE	MUSTARD FAMILY	
Brassica oleracea	cabbage (cultivated)	non-native
Barbarea vulgaris	bitter wintercress	non-native
Sisymbrium irio	London rocket	non-native
FABACEAE	PEA FAMILY	
Erythrina corallodendron	coral tree	non-native
Melilotus officinalis	yellow sweet clover	non-native
MALVACEAE	MALLOW FAMILY	
Malva parviflora	cheeseweed	non-native
MYRTACEAE	MYRTLE FAMILY	
Metrosideros excelsa	New Zealand Christmas tree	non-native
NYCTAGINACEAE	FOUR O'CLOCK FAMILY	
Bougainvillea x buttiana	bougainvillea	non-native
ONAGRACEAE	EVENING PRIMROSE FAMILY	
Epilobium ciliatum	fringed willowherb	native
POLYGONACEAE	BUCKWHEAT FAMILY	
Rumex crispus	curly dock	non-native/invasive
ROSACEAE	ROSE FAMILY	
Fragaria x ananassa	strawberry (cultivated)	non-native
SALICACEAE	WILLOW FAMILY	
Populus nigra	black poplar	non-native
SCROPHULARIACEAE	FIGWORT FAMILY	
Myoporum laetum	lollipop tree	non-native/invasive
TROPAEOLACEAE	NASTURTIUM FAMILY	
Tropaeolum nasturtium	garden nasturtium	Non-native
ANGIOSPERMS (MONOCOTS)		
ARECACEAE	PALM FAMILY	
Syagrus romanzoffiana	queen palm	non-native
Washingtonia robusta	Mexican fan palm	non-native/invasive

CYPERACEAE	SEDGE FAMILY	
Schoenoplectus californicus	California bulrush	native
POACEAE	GRASS FAMILY	
Bromus diandrus	ripgut brome	non-native/invasive
Hordeum murinum	wall barley	non-native/invasive
Polypogon monspeliensis	rabbitsfoot grass	non-native/invasive
Polypogon viridis	water beard grass	non-native
TYPHACEAE	CATTAIL FAMILY	
Typha sp.	cattail species	unknown

Hueneme Road Widening Project

Wildlife Species Observed in the Biological Study Area, May 3-5, 2023

Scientific Name	Common Name	Native Status
Wildlife Species		
BIRDS		
Anas platyrhynchos	mallard	native
Calypte anna	Anna's hummingbird	native
Chondestes grammacus	lark sparrow	native
Corvus brachyrhynchos	American crow	native
Euphagus cyanocephalus	Brewer's blackbird	native
Hirundo rustica	barn swallow	native
Icterus cucullatus	hooded oriole	native
Larus occidentalis	western gull	native
Melospiza lincolnii	Lincoln's sparrow	native
Melospiza melodia	song sparrow	native
Molothrus ater	brown-headed cowbird	native
Petrochelidon pyrrhonota	cliff swallow	native
Stelgidopteryx serripennis	northern rough-winged swallow	native
Sturnus vulgaris	European starling	non-native
Zenaida macroura	mourning dove	native
REPTILES		
Uta stansburiana	side-blotched lizard	native

APPENDIX C

PHOTOGRAPHS OF THE BIOLOGICAL STUDY AREA

Photo 1. South side of Hueneme Road, west of Edison Drive, view facing west (May 2023)

Photo 2. Overview of BSA from south side of Hueneme Road, east of Edison Drive, view facing east (May 2023)

Photo 3. Drainage Feature 1 east of Arnold Road, view facing south (May 2023)

Photo 4. Sod fields south of Hueneme Road, view facing southwest (May 2023)

Photo 5. Strawberry fields south of Hueneme Road, view facing southeast (May 2023)

Photo 6. Drainage 2 flowing east to west parallel to Hueneme Road, view facing east (May 2023)

Photo 7. Row of Lombardy poplars along Hueneme Road, between Olds Road and Casper Road, view facing west

Photo 8. Row of Lombardy poplars along Casper Road, south of Hueneme Road, view facing south (May 2023)

Photo 9. Agricultural field east of Casper Road, view facing east (May 2023)

Photo 10. Intersection of Hueneme Road and Rice Avenue, view facing west (May 2023)

Photo 11. Drainage 3 flowing north to south, south of Hueneme Road, view facing south (May 2023)

Photo 12. Drainage 3 flowing north to south beneath Hueneme Road, view facing northwest (May 2023)

Photo 13. Drainage 3 flowing south through private property, view facing south (May 2023)

Photo 14. Drainage Feature 4 flowing east to west, north of Hueneme Road, view facing southwest (May 2023)

Photo 15. Drainage Feature 4 flows east to west, north of Hueneme Road, east of Rice Avenue, view facing west (May 2023)

Photo 16.Intersection of Drainage Feature 5 (yellow arrow) and Drainage Feature 6 (red arrow) north of Hueneme Road, east of Rice Avenue, view facing northwest (May 2023)

Photo 17. Drainage Feature 5 flowing west to east, just east of Rice Avenue, view facing northwest (May 2023)

Photo 18. Drainage Feature 5 flowing west to east, west of Rice Avenue, view facing southwest (May 2023)

Photo 19. Southland Sod Farm offices north of Hueneme Road, view facing north (May 2023)

Photo 20. Southland Sod Farm fields north of Hueneme Road, view facing northwest (May 2023)

Photo 21. Drainage Feature 6 flowing north to south, north of Hueneme Road, view facing north

Photo 22. Drainage Feature 7 flows east to west, north of Hueneme Road, view facing west (May 2023)

Photo 23. Drainage Feature 8 flowing north to south just east of Olds Road, view facing northwest

Photo 24. Drainage Feature 9 north of Hueneme Road, west of Olds Road, view facing east (May 2023)

Photo 25. Drainage Feature 9 culvert at the intersection of Hueneme Road and Arnold Road, view facing northwest (May 2023)

Photo 26. Drainage Feature 10 flows north to south, north of Hueneme Road, view facing north (May 2023)

Photo 27. Agricultural field north of Hueneme Road, view facing north (May 2023)

Photo 28. Freshwater marsh area east of Teto's Produce, north of Hueneme Road, view facing northwest (May 2023)

Photo 29. Freshwater marsh area east of Teto's Produce, north of Hueneme Road, view facing north (May 2023)

Photo 30. Drainage Feature 11 flowing east to west, north of Hueneme Road, view facing west (May 2023)

Photo 31. Drainage Feature 11 flowing east to west, north of Hueneme Road, view facing northeast (May 2023)

Photo 32.Drainage Feature 11 flowing east to west, north of Hueneme Road, east of Edison Drive, view facing northwest (May 2023)

APPENDIX D

SPECIAL-STATUS SPECIES WITH POTENTIAL TO BE IN THE BIOLOGICAL STUDY AREA

Table D-1 Special-Status Natural Communities with Potential to be in the Biological Study Area

Common and Scientific Name	Status		General Habitat Requirements	Habitat Present/Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
California Walnut Woodland	--	S2.1	The California Walnut Woodland community is a cold-deciduous woodland comprised of open tree canopies locally dominated by the California black walnut (*Juglans californica*). Other species in the canopy can include white alder (*Alnus rhombifolia*), California ash (*Fraxinus dipetala*), toyon (*Heteromeles arbutifolia*), coast live oak (*Quercus agrifolia*), valley oak (*Quercus lobata*), red willow (*Salix laevigata*), arroyo willow (*Salix lasiolepis*), black elderberry (*Sambucus nigra*), and California bay (*Umbellularia californica*). The canopy is open to continuous, the shrub layer is sparse to intermittent, and the herbaceous layer is sparse or grassy. This community is found in riparian corridors, incised canyons, river and stream low-flow margins, seeps, river banks, terraces, and north-facing slopes.	A	There are no California black walnut trees within the BSA. Therefore, this community is absent from the BSA.

Common and Scientific Name	Status		General Habitat Requirements	Habitat Present/Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
Coastal and Valley Freshwater Marsh	--	S2.1	The Coastal and Valley Freshwater Marsh is dominated by perennial, emergent monocots, often forming completely closed canopies. Coastal and valley freshwater marshes are permanently flooded by fresh water and have deep, peaty soils.	P	There is an artificial freshwater marsh dominated by perennial, emergent monocots (*Typha* spp.) within the BSA. This community is present within the BSA.
Southern Coastal Salt Marsh	-	S2.1	Southern coastal salt marsh communities are found in bays, lagoons, and estuaries along the coast from Point Conception to the Mexican border. This community consist of highly productive, herbaceous, and salt-tolerant hydrophytes that form moderate to dense cover. Characteristic species include Watson's saltbush (*Atriplex watsonii*), Saltwort (*Batis maritima*), California boxthorn (*Lycium californicum*), shore grass (*Monanthochloe littoralis*), California seablite (*Suaeda californica*), and Parish's glasswort (*Arthrocnemum subterminale*).	A	There are no bays, lagoons, or estuaries within the BSA. Therefore, this community is absent from the BSA.

Common and Scientific Name	Status		General Habitat Requirements	Habitat Present/Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
Southern Riparian Scrub	-	S3.2	The Southern Riparian Scrub community consists of streamside thickets dominated by one or more willows and mulefat (*Baccharis salicifolia*), as well as by other fast-growing shrubs and vines. This community is found along intermittent stream channels and requires flooding. Most plants recolonize following flood disturbance.	A	There are no streams with streamside willow/mulefat thickets present within the BSA. Therefore, this community is absent from the BSA.
Valley Needlegrass Grassland	-	S3.1	Valley needlegrass grassland is a midheight (up to two feet) grassland that is dominated by perennial, tussock-forming purple needle grass (*Stipa pulchra*). Native and introduced annuals are found between the perennials and can exceed the bunchgrass in cover. Typical elevation ranges from 210 to 5,640 feet.	A	There are no native bunchgrasses present within the BSA. Therefore, this community is absent from the BSA.

Table Key: Absent [A] – The vegetation community is not expected to be within the Biological Study Area (BSA). S1 = critically imperiled, less than 1,000 individuals; S2 = Imperiled- rarity due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors making it very vulnerable to extirpation from the nation or California; S3 = Vulnerable- restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors making it vulnerable to extirpation.

Information for the habitat requirements was obtained from the following sources: (Holland, 1986; Sawyer, Keeler-Wolf, & Evens, 2009)

Table D-2. Special-Status Plants with Potential to be in the Biological Study Area

Common and Scientific Names	Status			General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW	CNPS			
Aphanisma blitoides Aphanisma	-	-	1B.2	Aphanisma is an annual herb found in coastal dunes, coastal, and coastal bluff scrub on sandy or gravelly soils. Typical blooming period: February to June Typical elevation range: Three to 1000 feet	A	Coastal dune, coastal, and coastal bluff scrub habitat for this species is absent; therefore, it is not expected to be in the BSA. In addition, this species was not observed during the biological surveys, which were conducted during the typical blooming period for this species.
Astragalus brauntonii Braunton's milk-vetch	FE	--	1B.2	Braunton's milk-vetch is a perennial herb found in chaparral, coastal scrub, and valley and foothill grassland. It may be found in recently burned or naturally disturbed areas. This species is restricted to carbonate limestone substrates within the Santa Monica, San Gabriel, and Santa Ana Mountain ranges. Typical blooming period: January to August Typical elevation: 13 to 2100 feet	A	Chaparral, coastal scrub, and valley/foothill grassland habitat for this species is absent; therefore, it is not expected to be in the BSA. In addition, this species was not observed during the biological surveys, which were conducted during the typical blooming period for this species.
Astragalus didymocarpus var.	--	--	1B.2	Miles' milk-vetch is an annual herb found in coastal scrub on clay soils.	A	Coastal scrub on clay soils, the habitat for this species,

Common and Scientific Names	Status			General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW	CNPS			
milesianus Miles' milk-vetch				Typical blooming period: March to June Typical elevation range: 66 to 295 feet		is absent from the BSA; therefore, it is not expected to be in the BSA. In addition, this species was not observed during the biological surveys, which were conducted during the typical blooming period for this species.
Astragalus pycnostachyus var. *lanosissimus* Ventura Marsh milk-vetch	FE	SE	1B.1	Ventura marsh milk-vetch is a perennial herb found in coast dunes, coastal scrub, marshes, swamps, and saltmarsh. This species is found within reach of high tide or protected by barrier beaches, more rarely it is found near seeps on sandy bluffs. Typical blooming period: June to October Typical elevation range: Three to 115 feet	A	The BSA does not contain coastal dunes, coastal scrub, marshes, swamps, or salt marsh habitat for this species; therefore, it is not expected to be in the BSA.
Atriplex coulteri Coulter's saltbush	--	--	1B.2	Coulter's saltbush is a perennial herb found in coastal bluff scrub, coastal dunes, coastal scrub, and valley and foothill grassland in open sites with low lying clay or alkaline soils. Typical blooming period: March to	A	The BSA does not contain coastal bluff scrub, coastal dunes, coastal scrub, or valley/foothill grassland habitat for this species; therefore, it is not expected to be in the BSA. In addition,

Common and Scientific Names	Status			General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW	CNPS			
				October Typical elevation: 82 to 1443 feet		this species was not observed during the biological surveys, which were conducted during the typical blooming period for this species.
Atriplex pacifica south coast saltscale	-	-	1B.2	South coast saltscale is an annual herb found on alkali playa, coastal dunes, coastal and coastal bluff scrub on alkali soils. Typical blooming period: March to October Typical elevation: Zero to 459 feet	A	The BSA does not contain alkali playa, coastal dunes, or coastal bluff scrub habitat for this species; therefore, it is not expected to be in the BSA. In addition, this species was not observed during the biological surveys, which were conducted during the typical blooming period for this species.
Atriplex serenana var. davidsonii Davidson's saltscale	--	--	1B.2	Davidson’s saltscale is an annual herb found in coastal bluff scrub and coastal scrub in alkaline soils. Typical blooming period: April to October Typical elevation: 32 to 656 feet	A	The BSA does not contain coastal bluff scrub or coastal scrub habitat for this species; therefore, it is not expected to be in the BSA. In addition, this species was not observed during the biological surveys, which were conducted during the typical blooming period for

Common and Scientific Names	Status			General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW	CNPS			
						this species.
Calochortus clavatus var. *gracilis* Slender mariposa-lily	--	--	1B.2	The slender mariposa lily is a perennial bulbiferous herb found in the San Gabriel Mountains, specifically in shaded foothill canyons and on grassy slopes within other habitats including chaparral, coastal scrub, and valley and foothill grassland. Typical blooming period: March to November Typical elevation: 1050 to 3281 feet	A	The BSA is not within the San Gabriel Mountains where this species is found; therefore, it is not expected to be in the BSA. In addition, this species was not observed during the biological surveys, which were conducted during the typical blooming period for this species.
Calochortus fimbriatus late-flowered mariposa-lily	--	--	1B.3	The late-flowered mariposa lily is a perennial bulbiferous herb found in chaparral, cismontane woodland, and riparian woodland on serpentinite soils. Typical blooming period: June to August Typical elevation range: 902 to 6250 feet	A	The BSA does not contain chaparral, cismontane woodland, or riparian woodland habitat for this species; therefore, it is not expected to be in the BSA.
Chaenactis glabriuscula var. *orcuttiana* Orcutt's pincushion	--	--	1B.1	Orcutt's pincushion is an annual herb found in coastal bluff scrub and coastal dunes on sandy soil. Typical blooming period: January to August	A	The BSA does not contain coastal bluff scrub or coastal dunes habitat for this species; therefore, it is not expected to be in the BSA. In addition, this species was

Common and Scientific Names	Status			General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW	CNPS			
				Typical elevation: Zero to 328 feet		not observed during the biological surveys, which were conducted during the typical blooming period for this species.
Chloropyron maritumum ssp. *maritimum* salt marsh bird's-beak	FE	SE	1B.2	Salt marsh bird's-beak is an annual herb generally found in coastal dunes, marshe,s and swamps (coastal salt marshes). This species parasitizes many wetland plant species. Typical blooming period: May to October Typical elevation: Zero to 98 feet	A	The BSA does not contain coastal dunes, coastal salt marshes, or swamp habitat for this species; therefore, it is not expected to be in the BSA. In addition, this species was not observed during the biological surveys, which were conducted during the typical blooming period for this species.
Dudleya blochmaniae ssp. *blochmaniae* Blochman's dudleya	--	-	1B.1	Blochman's dudleya is a perennial herb found in coastal scrub, coastal bluff scrub, chaparral, and valley and foothill grassland. This species is found on open, rocky slopes, in shallow clays over serpentine or in rocky areas with little soil. Typical blooming period: April to June Typical elevation: Zero to 1476 feet	A	The BSA does not contain coastal scrub, coastal bluff scrub, chaparral, or valley/foothill grassland habitat for this species; therefore, it is not expected to be in the BSA. In addition, this species was not observed during the biological surveys, which were conducted during the typical blooming period for

Common and Scientific Names	Status			General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW	CNPS			
						this species.
Dudleya verity Verity's dudleya	FT	--	1B.1	Verity's dudleya is a perennial herb found in coastal scrub, chaparral, and foothill woodland on rocky, north-facing volcanic substrate in the Santa Monica Mountains. Typical blooming period: May to June Typical elevation: 196 to 394 feet	A	The BSA does not contain coastal scrub, chaparral, or foothill woodland habitat for this species, nor is the BSA within the Santa Monica Mountains; therefore, the species is not expected to be in the BSA. In addition, this species was not observed during the biological surveys, which were conducted during the typical blooming period for this species.
Eriogonum crocatum conejo buckwheat	--	Rare	1B.2	Conejo buckwheat is a perennial herb found in chaparral, coastal scrub, and valley and foothill grasslands. This species is found on Conejo volcanic outcrops and rocky sites. This species is found in the northwest Santa Monica Mountains within Ventura County. Typical blooming period: May to June Typical elevation: 164 to 1903 feet	A	The BSA does not contain Conejo volcanic soils, nor does it contain chaparral, coastal scrub, or valley/foothill grassland habitat for this species; therefore, it is not expected to be in the BSA. In addition, this species was not observed during the biological surveys, which were conducted during the typical blooming period for

Common and Scientific Names	Status			General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW	CNPS			
						this species.
Lasthenia glabrata ssp. *coulteri* Coulter's goldfields	--	--	1B.1	Coulter's goldfield is an annual herb found in coastal salt marshes, swamps, playas, and vernal pools. Typical blooming period: February to June Typical elevation: Three to 4003 feet	A	The BSA does not contain coastal salt marsh, swamp, playa, or vernal pool habitat for this species; therefore, it is not expected to be in the BSA. In addition, this species was not observed during the biological surveys, which were conducted during the typical blooming period for this species.
Malacothrix similis Mexican malacothrix	--	--	2A	Mexican malacothrix is an annual herb found on coastal beaches and dunes. This species is presumed extinct in California. Typical blooming period: April to May Typical elevation: Zero to 131 feet	A	The BSA does not contain coastal beach or dunes habitat for this species; therefore, it is not expected to be in the BSA. In addition, this species was not observed during the biological surveys, which were conducted during the typical blooming period for this species. This species is also presumed extinct in California.
Monardella hypoleuca ssp.	--	--	1B.3	White-veined monardella is a perennial herb found in chaparral and	A	The BSA is not within the Santa Monica, Santa Ynez,

Common and Scientific Names	Status			General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW	CNPS			
hypoleuca white-veined monardella				cismontane woodland. This species is known only from the Santa Monica, Santa Ynez, and Sierra Madre Mountains. Typical blooming period: May to August, but may bloom as early as April and as late as December Typical elevation: Zero to 5003 feet		or Sierra Madre Mountains, nor does it contain chaparral or cismontane woodland habitat for this species; therefore, the species is not expected to be in the BSA. In addition, this species was not observed during the biological surveys, which were conducted during the typical blooming period for this species.
Monardella sinuata ssp. *gerryi* Gerry's curly-leaved monardella	-	-	1B.1	Gerry's curly-leaved monardella is an annual herb found in sandy openings in coastal scrub. Typical blooming period: April to June Typical elevation: 492 to 805 feet	A	The BSA does not contain coastal scrub habitat for this species; therefore, it is not expected to be in the BSA. In addition, this species was not observed during the biological surveys, which were conducted during the typical blooming period for this species.
Navarretia ojaiensis Ojai navarretia	-	-	1B.1	Ojai navarretia is an annual herb found in chaparral, coastal scrub, and valley and foothill grassland. This species may also be found in openings in shrublands or grasslands and prefers clay soils. This species is found in Los Angeles and	A	The BSA does not contain chaparral, coastal scrub, or valley/foothill grassland habitat for this species; therefore, it is not expected to be in the BSA. In addition,

Common and Scientific Names	Status			General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW	CNPS			
				Ventura Counties. Typical blooming period: May to Julyr Typical elevation: 902 to 3280 feet		this species was not observed during the biological surveys, which were conducted during the typical blooming period for this species.
Pseudognaphalium leucocephalum white rabbit-tobacco	-	-	2B.2	White rabbit-tobacco is a perennial herb found in riparian woodland, cismontane woodland, coastal scrub, and chaparral. This species is found on sandy, gravelly benches, dry stream bottoms, canyon bottoms arroyos, areas of oak-sycamore, oak-pine, and pine. Typical blooming period: July to December Typical elevation: Zero to 6890 feet	A	The BSA does not contain riparian woodland, cismontane woodland, coastal scrub, or chaparral habitat for this species; therefore, it is not expected to be in the BSA.
Senecio aphanactis chaparral ragwort	-	-	2B.2	Chaparral ragwort is an annual herb found in chaparral, cismontane woodland, and coastal scrub on dry open rocky areas, sometimes on alkaline substrate. Typical blooming period: January to April Typical elevation: 49 to 2625 feet	A	The BSA does not contain chaparral, cismontane woodland, or coastal scrub habitat for this species; therefore, it is not expected to be in the BSA.

Common and Scientific Names	Status			General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW	CNPS			
Suaeda esteroa estuary seablite	-	-	1B.2	Estuary seablite is a perennial herb found in coastal salt marshes and swamps. Typical blooming period: May to January Typical elevation: Zero to 16 feet	A	The BSA does not contain coastal salt marsh or swamp habitat for this species; therefore, it is not expected to be in the BSA. In addition, this species was not observed during the biological surveys, which were conducted during the typical blooming period for this species.
Texosporium sancti-jacobi woven-spored lichen	-	-	3	Woven-spored lichen is a crustose (terricolous) lichen found on in open sites in chaparral habitat on soil, small mammal pellets, dead twigs, and *Selaginella* spp. Typical blooming period: N/A Typical elevation: 196 to 2165 feet	A	The BSA does not contain chaparral habitat for this species; therefore, it is not expected to be in the BSA.

Table Key: Absent [A] –vegetation community or habitat requirements were not observed in the BSA during the biological survey. Habitat Present [HP] – There is habitat present within the BSA. Federal Endangered (FE); State Endangered (SE); State Threatened (ST); S1 = Critically Imperiled - extreme rarity (often 5 or fewer observations) or because of some factor(s) such as very steep declines making it especially vulnerable to extirpation from California; S2 = Imperiled- rarity due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors making it very vulnerable to extirpation from the nation or California; S3 = Vulnerable- restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors making it vulnerable to extirpation; S4 = Apparently Secure - uncommon but not rare; some cause for long-term concern due to declines or other factors.

California Native Plant Society (CNPS), etc. 1A = Plants presumed extirpated in California and either rare or extinct elsewhere; 1B= Plant species that are rare, threatened, or endangered in California and elsewhere; 2B= Plant species that are rare, threatened, or endangered in California, but are more common elsewhere; 3= Plants about which we need more information; 4 = Plants of limited distribution; 0.1=seriously threatened in California; 0.2 = moderately threatened in California; and 0.3 = Not very threatened in California.

Source: *(California Native Plant Society, 2021; Jepson Flora Project (eds.), 2021; eFloras, 2021) (San Joaquin County, 2000)*

Table D-3. Special-Status Wildlife with Potential to be in the Biological Study Area

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
Invertebrates					
Bombus crotchii Crotch bumble bee	-	SE (Candidate)	The Crotch bumble bee is found in open grassland and scrub habitats in coastal California east to the Sierra-Cascade crest and south into Mexico. This species nests underground in abandoned rodent burrows or above ground in tufts of grass, old bird nests, rock piles, or cavities in dead trees. Food plant genera include snapdragons (*Antirrhinum* sp.), phacelia (*Phacelia* sp.), clarkia (*Clarkia* sp.), dendromecon (*Dendromecon* sp.), poppy (*Eschscholzia* sp.), and buckwheat (*Eriogonum* sp.).	A	The BSA does not contain open grassland or scrub habitat for this species; therefore, this species is not expected to be in the BSA.
Bombus pensylvanicus American bumble bee	--	S2	The American bumble bee is found in open farmland and fields throughout its range. It nests mostly on the surface of the ground, among long grass, but occasionally underground. Example food plants include *Astragalus* spp., *Cirsium* spp., *Cornus* spp., *Dalea* spp., *Echinacea* spp., *Helianthus* spp., *Kallstoemia* spp., *Liatris* spp., *Mentzelia* spp., *Silphium* spp., *Solanum* spp., *Trifolium* spp., and	HP	The habitat typically preferred by this species is present within the BSA; therefore, there is potential for this species to be in the BSA.

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
			Vicia spp. This species is host to the cuckoo bumble bee *Bombus variabilis*.		
Cicindela hirticollis gravida sandy beach tiger beetle	-	S2	The sandy beach tiger beetle is found in areas adjacent to non-brackish water along the coast of California from San Francisco Bay to northern Mexico in coastal dunes habitat. This species prefers clean, dry, light-colored sand in the upper zone and subterranean larvae prefer moist sand not affected by wave action.	A	The BSA does not contain coastal dunes habitat for this species; therefore, this species is not expected to be in the BSA.
Cicindela senilis frosti senile tiger beetle	-	S2	The senile tiger beetle is found in coastal mud flats, salt marsh edges, and inland alkali mud flats.	A	The BSA does not contain coastal mud flats, salt marsh, or inland alkali mud flats habitat for this species; therefore, this species is not expected to be in the BSA.
Coelus globosus globose dune beetle	-	S1S2	The globose dune beetle is found in coastal sand dune habitat in foredunes and sand hummocks. This species is erratically distributed from Ten Mile Creek in Mendocino County south to Ensenada, Mexico. The globose dune beetle burrows beneath the sand surface and is most common beneath dune vegetation.	A	The BSA does not contain coastal sand dune habitat for this species; therefore, this species is not expected to be in the BSA.

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
Danaus plexippus plexippus pop. 1 Monarch butterfly – California overwintering population	Candidate	S2	The monarch butterfly requires closed-cone coniferous forests and milkweed (*Asclepias* sp.) for breeding and as a food source for larvae. This species roosts in eucalyptus, Monterey pines, and Monterey cypresses groves in California. Nectar and nearby water sources are required.	A	None of the tree species monarchs are known to overwinter in are present within the BSA; therefore, this species is not expected to overwinter in the BSA.
Panoquina errans wandering (=saltmarsh) skipper	-	S2	The wandering (saltmarsh) skipper is found in southern California coastal salt marshes. This species requires moist salt grass (*Distichlis spicata*) for larval development.	A	The BSA does not contain coastal salt marsh habitat for this species; therefore, this species is not expected to be in the BSA.
Trimerotropis occidentiloides Santa Monica grasshopper	-	S2	The Santa Monica grasshopper is found on bare hillsides and along dirt trails in chaparral habitat. This species is known only from the Santa Monica Mountains.	A	The BSA is not within the Santa Monica Mountains; therefore, this species is not expected to be in the BSA.
Mollusks					
Helminthoglypta traskii traskii Trask shoulderband	--	S2S3	The Trask shoulderband is a terrestrial invertebrate that is known from Ventura, Los Angeles, Orange, and San Diego counties and has also been reported from northwestern Baja	A	The BSA does not contain coastal sage scrub or chaparral habitat for this species; therefore, this species is not expected to

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
			California. This species prefers coastal sage scrub and chaparral habitats. The Trask shoulderband has been found in the Conejo Valley south of Newbury Park (Thousand Oaks), Ventura County, and at Malibu Lagoon State Park.		be in the BSA.; therefore, this species is not expected to be in the BSA.
Tryonia imitator mimic tryonia (=California brackishwater snail)	-	S2	The mimic tryonia is found in coastal lagoons, estuaries, and salt marshes, from Sonoma County south to San Diego County. This species is found only in permanently submerged areas in a variety of sediment types and is able to tolerate a wide range of salinities.	A	The BSA does not contain coastal lagoon, estuary, or salt marsh habitat for this species; therefore, this species is not expected to be in the BSA.
Fish					
Catostomus santaanae Santa Ana sucker	FT	S1	The Santa Ana sucker is endemic to Los Angeles basin south coastal streams. This species is a habitat generalist and prefers streams with sand-rubble-boulder bottoms, cool, clear water, and algae.	A	The BSA does not contain streams with sand-rubble-boulder bottom; therefore, this species is not expected to be in the BSA.
Eucyclogobius newberryi	FE	S3	The tidewater goby is found in brackish shallow lagoons and lower stream reaches. This species requires	A	The BSA does not contain brackish shallow lagoons, estuaries, or salt marshes;

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
tidewater goby			fairly still water with high oxygen levels. Tidewater goby appears to spend all life stages in lagoons, estuaries, and salt marshes where brackish water conditions occur. The tidewater goby is found along the coast of California from Agua Hedionda Lagoon in San Diego County to the mouth of the Smith River in Del Norte County. Tidewater gobies prefer sandy substrate for breeding, but this species can also be found on rocky, mud, and silt substrates. The tidewater goby eats small crustaceans, insects, and mollusks.		therefore, this species is not expected to be in the BSA.
Gasterosteus aculeatus williamsoni unarmored threespine stickleback	FE	SE	The unarmored threespine stickleback is found in small slow moving and quiet water microhabitats in Southern California streams. This species uses weedy pools, backwaters, and emergent vegetation at stream edges for refuge. This species is found in cool (less than 75 degrees Fahrenheit), clear water with abundant vegetation.	A	The BSA does not contain weedy pools, backwaters, or other quiet water microhabitats; therefore, this species is not expected to be in the BSA.
Gila orcuttii arroyo chub	-	S2	The arroyo chub is native to streams from Malibu Creek to San Luis Rey River basin. This species was	A	The BSA does not contain slow water streams with mud or sand bottoms which

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
			introduced into streams in Santa Clara, Ventura, Santa Ynez, Mohave, and San Diego River basins. This species is found in slow water stream sections with mud or sand bottoms, and feeds heavily on aquatic vegetation and associated invertebrates.		are preferred by this species; therefore, this species is not expected to be in the BSA.
Oncorhynchus mykiss irideus pop. 10 steelhead - southern California DPS	FE	SE (Candidate)	The steelhead – southern California DPS is found in seasonally accessible coastal rivers and streams between the Santa Maria River in Santa Barbara County and the Tijuana River at the United States/Mexico border. This species requires cool, clean water with natural cover such as submerged and overhanging large wood, and rocks and boulders.	A	The BSA does not contain coastal rivers or streams with natural cover preferred by this species; therefore, this species is not expected to be in the BSA.
Amphibians					
Rana boylii pop. 6 foothill yellow-legged frog - south coast DPS	Proposed	SE	The foothill yellow-legged frog is found in partly-shaded, shallow streams with riparian and along rocky streams in chaparral, cismontane woodland, coastal scrub, lower montane coniferous forest, riparian woodland, riparian forest, and wet	A	The BSA does not contain chaparral, cismontane woodland, coastal scrub, lower montane coniferous forest, riparian woodland, riparian forest, or wet meadow habitat for this

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
			meadow habitats. This species ranges from the Oregon border south to the Transverse Mountains in Los Angeles County, in most of California west of the Cascade crest, and along the western Sierra south to Kern County. Adults eat both aquatic and terrestrial invertebrates, including spiders, flying insects, snails, and grasshoppers. Tadpoles graze on algae and diatoms along rocky stream bottoms. This species requires cobble-sized substrate for egg-laying and needs at least 15 weeks to attain metamorphosis.		species; therefore, it is not expected to be in the BSA.
Rana draytonii California red-legged frog	FT	SSC	The California red-legged frog is found in lowlands and foothills in or near permanent sources of deep water with dense, shrubby, or emergent riparian vegetation. Suitable habitat includes freshwater ponds or streams with calm stable water, and good water quality. Seasonal water for egg laying, hatching and metamorphosis has to last for three to five months.	A	The BSA does not contain permanent sources of deep water with vegetation, the preferred habitat for this species. Google Earth aerial imagery shows that the presence of the freshwater marsh varies throughout the years. Any upland habitat would be disturbed and fragmented due to agricultural activities. Therefore, this species is not

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
					expected to be in the BSA.
Reptiles					
Anniella spp. California legless lizard	--	SSC	This element in CNDDB represents California records of *Anniella* not yet assigned to new species within the *Anniella pulchra* complex. Range is from Contra Costa County south to San Diego, within a variety of open habitats, generally in moist, loose soil. They prefer soils with a high moisture content.	HP	The BSA is within the known range for this species and contains moist, loose soils and open habitats. Therefore, there is potential for this species to be in the BSA.
Anniella stebbinsi Southern California legless lizard	-	SSC	The southern California legless lizard is generally found south of the Transverse Range, extending to northwestern Baja California. This species is found in a variety of habitats in sandy or loose, loamy soils with high moisture content under sparse vegetation. This species is often locally abundant with specimens found in coastal sand dunes and a variety of interior habitats, including sandy washes and alluvial fans. This species is often found in leaf litter under trees and shrubs in sunny areas and dunes stabilized with bush lupine and mock	HP	The BSA is within the known range for this species and contains sandy, loamy soils. Therefore, there is potential for this species to be in the BSA.

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
			heather. The southern California legless lizard can also be found under surface objects such as rocks, boards, driftwood, and logs.		
Aspidoscelis tigris stejnegeri coastal whiptail	-	SSC	The coastal whiptail is found primarily in hot and dry open areas with sparse foliage, including chaparral, woodland, and riparian areas. This species is also found in woodland and riparian areas where the ground may be firm soil, sandy, or rocky.	A	The BSA does not contain chaparral, woodland, or riparian habitat for this species; therefore, it is not expected to be in the BSA.
Emys marmorata western pond turtle	-	SSC	The western pond turtle is found in slow moving rivers, streams, lakes, ponds, wetlands, reservoirs, and brackish estuarine waters. This species prefers areas that provide logs, algae, or vegetation for cover, and boulders, partially submerged logs, vegetation mats, or open mud banks for basking, and is found below 6,000 feet elevation.	A	The BSA does not contain slow moving rivers, streams, lakes, ponds, reservoirs, or brackish-estuarine water habitat for this species. There is a small wetland feature within the BSA, however, it is artificial, lacks connectivity to other waters, and due to this lack of connectivity does not appear to sustain aquatic wildlife that turtles would feed on. As the species can only swallow underwater, this species is not expected

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
					to be in the BSA.
Phrynosoma blainvillii coast horned lizard	-	SSC	The coast horned lizard is found in open areas of sandy soil and low vegetation in valleys, foothills, and semiarid mountains. This species is also found in grasslands, coniferous forests, woodlands, and chaparral, with open areas and patches of loose soil. California buckwheat (*Eriogonum fasiculatum*) is considered to be a primary indicator species for favorable soil and climatic conditions. Key habitat elements for this species are the presence of loose, fine soils, with a high sand content; an abundance of native ants; open areas for basking; and areas with low dense shrubs for refuge.	A	The BSA does not contain areas with low dense shrubs preferred by this species; therefore, it is not expected to be in the BSA.
Thamnophis hammondii two-striped gartersnake	-	SSC	The two-striped garter snake is found in coastal California from the vicinity of Salinas to northwest Baja California. This species is often found along streams with rocky beds and riparian growth and has an elevational range from sea level to about 7,000 feet.	A	The BSA does not contain streams with rocky beds or riparian growth preferred by this species; therefore, it is not expected to be in the BSA.
Thamnophis sirtalis	-	SSC	The south coast garter snake is found	A	The BSA does not contain

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
pop. 1 south coast gartersnake			in scattered locations along the southern California coastal plain, south to the vicinity of San Pasqual. This species is found in or near permanent fresh water in marshes or upland habitat. This species has an elevational range from sea level to about 2,730 feet.		permanent freshwater habitat for this species, as the freshwater marsh is only present during some years according to Google Earth aerial imagery. Therefore, this species is not expected to be in the BSA.
Birds					
Agelaius tricolor Tricolored blackbird	--	ST	The tricolored blackbird is a highly colonial species that is found in freshwater marshes dominated by cattails and bulrushes. This species is most numerous in the Central Valley, where this species forages in fields and farms. The tricolored blackbird breeds in large freshwater marshes, in dense strands of cattails or bulrushes. Mostly endemic to California, the tricolored blackbird requires open water, protected nesting substrate, and foraging area with insect prey within a few kilometers of the colony.	A (Nesting) HP (Foraging)	While a small freshwater wetland is present within the BSA, the BSA and nearby area lack the open water preferred by this species; therefore, it is not expected to nest in the BSA. However, the species is known to forage in cultivated fields up to four miles from their nesting grounds, and although the BSA is within a California Wildlife Habitat Relationships Predicted Habitat Suitability location of low suitability, there is still potential for the species to forage within the BSA.

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
Athene cunicularia burrowing owl	--	SSC	The burrowing owl is found in open, dry, annual, or perennial grasslands, deserts, scrublands characterized by low-growing vegetation, agricultural lands, and requires perches for horizontal visibility. This species is dependent upon burrowing mammals, most notably, the California ground squirrel. The burrowing owl uses these burrows for roosting and nesting cover. The burrowing owl is also common in disturbed areas, including roadsides, and may develop burrows in debris piles. Within the northern portion of Los Angeles County, the burrowing owl is within its yearlong range and within the southern portion of Los Angeles County, the burrowing owl is within its wintering range. Burrowing owls are opportunistic feeders and prey upon insects, scorpions, small mammals, birds, amphibians, and small reptiles. This species generally forages within 985 to 1,969 feet from their burrows, but they will travel as far as two miles.	HP (Nesting) HP (Foraging)	The BSA is within the range of this species, and agricultural lands make up the majority of the BSA; Therefore, there is potential for this species to forage and nest in the BSA.
Charadrius nivosus	FT	SSC	The Pacific coast population of the western snowy plover breeds	A	The BSA does not contain coastal beach habitat for

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
nivosus western snowy plover			primarily on coastal beaches from southern Washington to southern Baja California, Mexico. The population breeds above the high tide line on coastal beaches, sand spits, dune-backed beaches, sparsely-vegetated dunes, beaches at creek and river mouths, and salt pans at lagoons and estuaries.	(Nesting) A (Foraging)	this species; therefore, it is not expected to be in the BSA.
Coccyzus americanus occidentalis western yellow-billed cuckoo	FT	FE	The western yellow-billed cuckoo breeds in large blocks, or contiguous areas of riparian habitat, primarily cottonwood-willow riparian woodlands. Within California, the species breeds along the Colorado River, in Sacramento and Owens valleys, along the South Fork of the Kern River in Kern County, along the Santa Ana River in Riverside County, along the Amargosa River in Inyo and San Bernardino Counties and potentially along the San Luis Rey River in San Diego County. This species is found in dense riparian habitat of willow, often mixed with cottonwoods, with understory of blackberry, nettles, or wild grape.	A (Nesting) A (Foraging)	The BSA does not contain riparian habitat for this species; therefore, it is not expected to be in the BSA.

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
Elanus leucurus White-tailed kite	--	FP	The white-tailed kite is found in low-elevation grassland, wetland, oak woodland, low shrub, open woodlands, or savannah habitats. Riparian areas adjacent to open space areas are typically used for nesting, where kites prefer dense, broad-leafed deciduous trees for nesting and night roosting. In California, kites are known to be reliant on California voles (*Microtus californicus)* as a prey source, and habitat quality is largely dependent on abundance and availability of California voles. Lightly grazed or ungrazed fields generally support larger prey populations as well as alfalfa, hay, and irrigated pasture agricultural areas. Wetlands or marshes where California voles tend to be abundant is also important foraging habitat.	HP (Nesting) HP (Foraging)	White-tailed kites are known to nest in large trees and forage in agricultural areas. Therefore, the species has potential be in the BSA.
Empidonax traillii extimus southwestern willow flycatcher	FE	SE	Within California, the southwestern willow flycatcher's known breeding locations are restricted primarily to Sierra Nevada/Cascade region south to northern Kern County, including Alpine, Inyo, and Mono Counties, in Southern California near Buellton in	A (Nesting) A (Foraging)	The BSA does not contain riparian habitat for this species; therefore, it is not expected to be in the BSA.

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
			Santa Barbara County, at the Prado Basin riparian forest in Riverside County, and several locations in San Diego County. This species breeds in extensive riparian thickets near surface water or saturated soil. However, suitable vegetation is not uniformly dense and typically includes interspersed patches of open habitat. The southwestern willow flycatcher can occupy riparian habitats composed of native broadleaf species, a mix of native and exotic species, or monotypic stands of exotics.		
Laterallus jamaicensis coturniculus California black rail	-	ST	The California black rail is found in freshwater marshes, wet meadows, and shallow margins of saltwater marshes bordering larger bays. This species requires a stable water depth of approximately one inch and dense vegetation for nesting.	A (Nesting) A (Foraging)	The BSA does not contain wet meadow or saltwater marsh margin habitat preferred by this species. While the BSA does contain less than an acre of freshwater marsh habitat, the vegetation canopy is very open and lacks the density preferred by this species therefore, it is not expected to be in the BSA.
Passerculus	-	SE	The Belding's savannah sparrow is	A	The BSA does not contain

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
sandwichensis beldingi Belding's savannah sparrow			endemic to the upper littoral region of salt marshes and is associated with dense pickleweed, particularly Salicornia virginica, where most nests are found.	(Nesting) A (Foraging)	salt marsh habitat for this species; therefore, it is not expected to be in the BSA.
Polioptila californica californica coastal California gnatcatcher	FT	SSC	The coastal California gnatcatcher is found in coastal sage scrub, chaparral, and riparian areas that border coastal sage scrub. This species prefers south facing slopes for nesting sites and prefers coastal sage scrub with a semi-open canopy. This species is most closely associated with California sagebrush (Artemisia californica) on shallow slope gradients.	A (Nesting) A (Foraging)	The BSA does not contain coastal sage scrub, chaparral, or riparian habitat for this species; therefore, it is not expected to be in the BSA.
Rallus obsoletus levipes light-footed Ridgway's rail	FE	SE	The light-footed Ridgway's rail is found exclusively in salt marshes between Santa Barbara, California and San Quintin Bay, Baja California, Mexico. This species nests primarily in dense cordgrass, plant material deposited at the high-water mark of tidally influenced waves deposits, and in hummocks of high marsh within the low marsh zone.	A (Nesting) A (Foraging)	The BSA does not contain salt marsh habitat for this species; therefore, it is not expected to be in the BSA.
Riparia riparia	-	ST	The bank swallow is a migratory,	A	The BSA does not contain

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
bank swallow			dense colonial nester that is found in lowland and riparian habitats west of the deserts. The majority of the extant breeding populations are found within the Sacramento and Feather River corridors in the north Central Valley. Other colonies persist along the central coast from Monterey to San Mateo Counties, and northeastern California in Shasta, Siskiyou, Lassen, Plumas, and Modoc Counties. This species requires near vertical banks or cliffs with fine-textured or sandy soils near streams, rivers, lakes, or the ocean to dig nesting holes. The bank swallow forages in locations with high insect biomass, typically in close proximity to water, riparian scrub, riparian woodland, and grasslands.	(Nesting) A (Foraging)	riparian habitat for this species; therefore, it is not expected to be in the BSA.
Setophaga petechia yellow warbler	-	SSC	The yellow warbler is found in riparian plant associations in close proximity to water. This species also nests in montane shrubbery in open coniferous forests in the Cascades and Sierra Nevada. This species is frequently found nesting and foraging in willow shrubs and thickets, and in other riparian plants including	A (Nesting) A (Foraging)	The BSA does not contain riparian habitat for this species; therefore, it is not expected to be in the BSA.

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
			cottonwoods (Populus sp.), sycamores (Plantanus sp.), ash (Fraxinus sp.), and alders (Alnus sp.).		
Sternula antillarum browni California least tern	FE	SE	The California least tern nests in sparsely vegetated sandy or gravelly ground (typically tidal flats and beaches) near lagoons, estuaries, or bays. The California least tern forages in shallow estuaries, lagoons, and near shore ocean waters.	A (Nesting) A (Foraging)	The BSA does not contain tidal flats, estuary, lagoon, or beach habitat for this species; therefore, it is not expected to be in the BSA.
Vireo bellii pusillus Least Bell's vireo	FE	SE	The least Bell's vireo is found in dense, willow dominated riparian habitat with lush understory vegetation. This species is a summer resident of Southern California in low riparian areas in the vicinity of water or in dry river bottoms below 2,000 feet. Least Bell's vireo nests are placed along margins of shrubs or on twigs projecting into pathways. This species primarily occupies riparian habitats that typically feature dense cover within three to seven feet of the ground and a dense, stratified canopy. This species is found in edge riparian growth along water or along dry parts of intermittent streams. In general,	A (Nesting) A (Foraging)	The BSA does not contain riparian habitat for this species; therefore, it is not expected to be in the BSA.

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
			this species nests in vegetation typically dominated by willows (*Salix* sp.) and mule fat (*Baccharis salicifolia*), but habitats may also be populated by a variety of shrubs, trees, and vines. Least Bell's vireo forage in riparian habitat and at times are known to forage in mustard and coastal sage habitat patches in close proximity to their nests.		
Mammals					
Antrozous pallidus pallid bat	-	SSC	The pallid bat is found year-round in a variety of low-elevation habitats in most parts of California, including grasslands, shrub lands, woodlands, and forests. This species is thought to prefer open, dry habitats with rocky areas for roosting. The pallid bat day roosts in caves, crevices, mines, hollow trees, buildings, and bridges, and night roosts in more open sites, such as porches, open buildings, and bridges. Roosts must protect bats from high temperatures, and this species will move deeper into cover if temperatures rise. The pallid bat is highly sensitive to disturbance.	HP	Pallid bats are known to day roost in hollow trees and buildings, and night roost in more open sites such as porches and open buildings Therefore, there is potential for this species to be in the BSA.

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
Chaetodipus californicus femoralis Dulzura pocket mouse	-	SSC	The Dulzura pocket mouse is found in coastal scrub, chamise-redshank chaparral, mixed chaparral, sagebrush, desert wash, desert scrub, desert succulent shrub, pinyon-juniper, and annual grassland in southwestern California. In San Diego County this species occurs mainly in arid coastal and desert border areas and its range also includes portions of Riverside and San Bernardino counties. The Dulzura pocket mouse prefers sandy herbaceous areas, usually in association with rocks or coarse gravel and has a high preference for grass seeds.	A	The BSA does not contain coastal scrub, chamise-redshank chaparral, mixed chaparral, sagebrush, desert wash, desert scrub, desert succulent shrub, pinyon-juniper, or annual grassland habitat for this species; therefore, it is not expected to be in the BSA.
Choeronycteris mexicana Mexican long-tongued bat	-	SSC	The Mexican Long-tongue bat has been recorded in the southwestern United States and Mexico. This species is irregularly found in the southeastern section of California. This species is found in pinyon and juniper woodlands, riparian scrub, and Sonoran thorn woodlands and roosts in well-lit caves and in buildings. This species has also been documented	A	The BSA does not contain pinyon and juniper woodlands, riparian scrub, or Sonoran thorn woodlands; therefore, it is not expected to be in the BSA.

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
			roosting in bridges.		
Eumops perotis californicus western mastiff bat	-	SSC	The western mastiff bat is found in many open, semi-arid and arid habitats, including conifer and deciduous woodlands, coastal scrub, annual and perennial grasslands, palm oases, chaparral, desert scrub, and urban areas. This species has been recorded throughout central and southern California, with a concentration in southern California. This species roosts in crevices on high vertical cliffs or surfaces (including buildings), trees, or tunnels. Because of their large size, they typically require a larger drop distance from roosting sites.	HP	There are large trees on the shoulder of Hueneme Road that may support roosting by this species; therefore, there is potential for this species to be in the BSA.
Microtus californicus stephensi south coast marsh vole	-	SSC	The San Pablo vole is found in the saltmarshes of San Pablo Creek, on the south shore of San Pablo Bay. This species constructs networks to burrows in soft soil and feeds on grasses, sedges, and herbs.	A	The BSA is not within the salt marshes of San Pablo Creek; therefore, this species is not expected to be in the BSA.
Sorex ornatus salicornicus southern California	-	SSC	The southern California saltmarsh shrew is found in coastal marshes in Los Angeles, Orange, and Ventura	A	The coastal marsh habitat preferred by this species is absent; therefore, it is not

Common and Scientific Names	Status		General Habitat Requirements	Habitat Present/ Absent	Rationale for Species Presence/Absence
	Federal USFWS	State CDFW			
saltmarsh shrew			counties. This species requires dense vegetation and woody debris for cover.		expected to be in the BSA.
Taxidea taxus American badger	-	SSC	The American badger is most abundant in drier open stages of most shrub, forest, and herbaceous habitats with friable soils. This species needs sufficient food, friable soils, and open and uncultivated ground. Ground squirrels are a major prey item, but the American badger will also feed on other burrowing rodents, reptiles, and insects	A	The majority of the BSA consists of cultivated, agricultural land unsuitable for this species; therefore, it is not expected to be in the BSA.

Table Key: Absent [A] – The plant species/vegetation community or habitat requirements were not observed in the BSA during the biological survey. Habitat Present [HP] – There is habitat present within the BSA. Federal Endangered (FE); Federal Threatened (FT); State Endangered (SE); State Threatened (ST); Fully Protected (FP); Watch List (WL); State Species of Special Concern (SSC); S1 = Critically Imperiled - extreme rarity (often 5 or fewer occurrences) or because of some factor(s) such as very steep declines making it especially vulnerable to extirpation from California; S2 = Imperiled- rarity due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors making it very vulnerable to extirpation from the nation or California; S3 = Vulnerable- restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors making it vulnerable to extirpation; S4 = Apparently Secure - uncommon but not rare; some cause for long-term concern due to declines or other factors.

Information for the habitat requirements and species range was obtained from the following sources: *(California Department of Fish and Wildlife, 2018; California Department of Fish and Wildlife, 2019; National Marine Fisheries Service, 2016; National Marine Fisheries Service, 2018; Sonoma Water and California Sea Grant, 2019; U.S. Fish and Wildlife Service, 2011)*; *(California Department of Fish and Wildlife, 2021)*; *(San Joaquin County, 2000)*; *(Shuford & Gardali, 2008)*

References

California Department of Fish and Wildlife. (2018). *California Wildlife Habitat Relationships*. Retrieved June 20, 2019, from httpc://wildlife.ca.gov/Data/CWHR

California Department of Fish and Wildlife. (2019, July). *Biogeographic Information and Observation System*. Retrieved June 20, 2019, from https://www.wildlife.ca.gov/Data/BIOS

California Department of Fish and Wildlife. (2021, March 2). *Spotted Owl Observation Viewer.* Retrieved from CNDDB BIOS: https://wildlife.ca.gov/Data/CNDDB/Maps-and-Data#43018408-cnddb-in-bios

California Native Plant Society. (2021, September). *Inventory of Rare and Endangered Plants of California (online edition , v8-03 0.45)*. Retrieved November 2, 2018, from www.rareplants.cnps.org/

eFloras. (2021). *Flora of North America*. Retrieved May 1, 2019, from eFloras.org: http://www.efloras.org/flora_page.aspx?flora_id=1

Holland, R. F. (1986). *Preliminary Descriptions of the Terrestrial Natural Communities of California.* California Department of Fish and Game. Sacramento, CA: State of California.

Jepson Flora Project (eds.). (2021). *Jepson eFlora*. Retrieved February 2, 2018, from Jepson Herbarium: http://ucjeps.berkeley.edu/jepson_flora_project.html

National Marine Fisheries Service. (2016, November). *California Species List Tool.* Retrieved June 3, 2019, from NOAA Fisheries | West Coast Region: https://www.westcoast.fisheries.noaa.gov/maps_data/california_species_list_tools.html

National Marine Fisheries Service. (2018). *Endangered Species Act Critical Habitat*. Retrieved November 20, 2018, from https://www.westcoast.fisheries.noaa.gov/maps_data/endangered_species_act_critical_habitat.html

National Marine Fisheries Service. (2018, February 2). *Essential Fish Habitat Mapper*. Retrieved July 26, 2018, from NOAA Habitat Conservation/Habitat Protection: https://www.habitat.noaa.gov/protection/efh/efhmapper/

San Joaquin County. (2000). *San Joaquin County Multi-Species Habitat Conservation and Open Space Plan (SJMSCP).*

Sawyer, J. O., Keeler-Wolf, T., & Evens, J. M. (2009). *A Manual of California Vegetation* (2nd Edition ed., Vol. 2nd Edition). Sacramento, CA: California Native Plant Society Press. Retrieved November 2, 2018, from http://vegetation.cnps.org/

Shuford, W., & Gardali, T. (2008). *California Bird Species of Special Concern.* Camarillo, CA: Western Field Ornithologists.

Sonoma Water and California Sea Grant. (2019). *Implementation of California Coastal Salmonid Population Monitoring in the Russian River Watershed (2015 - 2019).* Santa Rosa, CA. Retrieved from https://www.sonomawater.org/cmp

U.S. Fish and Wildlife Service. (2011, June). *Revised Recovery Plan for the Northern Spotted Owl (Strix occidentalis caurina).* Retrieved from https://www.fws.gov/arcata/es/birds/NSO/documents/USFWS2011RevisedRecoveryPlanNorthernSpottedOwl.pdf

Appendix E: Initial Site Assessment

INITIAL SITE ASSESSMENT

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA
FEDERAL PROJECT ID: HIPL-5956(215)

PREPARED FOR:
GPA Consulting
40 Apollo Street, Suite 312
El Segundo, California 90245

PREPARED BY:
GEOCON WEST, INC.
500 NORTH VICTORY BOULEVARD
BURBANK, CALIFORNIA 91502

GEOCON PROJECT NO. W1758-77-01

MARCH 2024

Project No. W1758-77-01
March 29, 2024

Erinn Silva
GPA Consulting
40 Apollo Street, Suite 312
El Segundo, California 90245

Subject: INITIAL SITE ASSESSMENT
HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA
FEDERAL PROJECT ID: HIPL-5956(215)

Ms. Silva:

In accordance with Geocon West, Inc (Geocon) Proposal No. LP-2022-313R, Geocon has performed an Initial Site Assessment (ISA) for the Hueneme Road Widening Project at the request of GPA Consulting (GPA) on behalf of the County of Ventura (as the California Environmental Quality Act lead agency) and the California Department of Transportation (Caltrans, as the National Environmental Policy Act lead agency). The Project Study Area is an approximate 2-mile portion of Hueneme Road from Edison Drive to just east of Rice Avenue in Ventura County, California. Proposed improvements include widening Hueneme Road from a two-lane roadway to a four-lane roadway with buffered bike lanes and construction of a paved median and turn lanes. The proposed roadway improvements will increase vehicle and bicycle travel and safety between the Cities of Oxnard and Camarillo.

The accompanying report presents the details of the ISA and summarizes our findings relative to potential recognized environmental conditions and environmental concerns identified within the Project Study Area that may impact construction of the proposed roadway improvements and acquisition of proposed right-of-way sliver takes and temporary construction easements.

Please contact us should you have any questions concerning the contents of this ISA Report or if we may be of further service.

Sincerely,

GEOCON WEST, INC.

Yasmeen De La Cruz,
Staff Geologist

Adrian Rene Escobar, PG
Project Geologist

TABLE OF CONTENTS

INITIAL SITE ASSESSMENT PAGE

EXECUTIVE SUMMARY……i
1.1 Purpose and Scope of Services 1
1.2 Report Limitations 3
2.1 Existing Conditions and Improvements 4
2.2 Proposed Hueneme Road Improvements 5
2.3 Topography 5
2.4 Soil and Geologic Conditions 6
2.5 Regional Groundwater Occurrence 7
3.1 Project Study Area 8
3.1.1 Existing Hueneme Road Improvements 8
3.1.2 Sliver Take and TCE Improvements 8
3.2 Adjoining Parcel Improvements 9
3.3 Potential Concerns 10
4.1 Review of Historical Sanborn Maps 11
4.2 Review of Historical Topographic Maps 11
4.3 Review of Historical Aerial Photographs 12
4.4 Review of City Directories 13
4.5 Potential Environmental Concerns 14
5.1 Database Review 14
5.1.1 Hueneme Road Right-of-Way 16
5.1.2 Parcels within Project Study Area 17
5.1.3 Adjacent Parcels 18
5.2 Regulatory File Review 20
5.3 California Geologic Energy Management Division 25
5.4 National Pipeline Mapping System 25
5.5 Potential Concerns 26

FIGURES
1 Vicinity Map
2-1 through 2-4 Site Plans

PHOTOGRAPHS 1 through 28

APPENDICES
A. EDR – Certified Sanborn® Map Report
B. EDR – Historical Topo Map Report
C. EDR – The EDR Aerial Photo Decade Package
D. EDR – The EDR-City Directory Image Report
E. EDR – EDR Area/Corridor Report
F. Regulatory Case File Documentation

ACRONYMS AND ABBREVIATIONS

ACM	asbestos-containing material
ADL	aerially deposited lead
AST	above ground storage tank
ASTM	ASTM International
CA FID UST	California Facility Index Database for Underground Storage Tanks
Caltrans	California Department of Transportation
CDMG	California Division of Mines and Geology
CERS	California Environmental Reporting System
CERS HAZ WASTE	California Environmental Reporting System Regulated Site Portal for Hazardous Waste
CERS TANKS	California Environmental Reporting System for AST/UST regulatory program
CGS	California Geologic Survey
CHMIRS	California Hazardous Material Incident Report System
CIWQS	California Integrated Water Quality System
Cortese	"Cortese" Hazardous Waste & Substances Sites List
County	County of Ventura
CPS-SLIC	Cleanup Program Sites - Spills Leaks, Investigation, and Cleanups
CREC	controlled recognized environmental condition
DEED	Deed Restriction Listing
DOD	Department of Defense Sites
DRYCLEANERS	Cleaners Facilities
ECHO	Enforcement & Compliance History Information
EDR	EDR, formerly known as Environmental Data Resources Inc.
ENF	Enforcement Action Listing
Envirostor	Department of Toxic Substances Control's Online Data Management System
FINDS	Facility Index System/Facility Registry System
FUDS	Formerly Used Defense Sites
Geocon	Geocon West, Inc.
GPA	GPA Consulting
HAZNET	Facility and Manifest Data
HIST Cal-Sites	Historical Calsites Database
HIST CORTESE	Historical "Cortese" Hazardous Waste & Substance Site List
HIST UST	Historical UST Properties/Facilities
HREC	historical recognized environmental condition
HWTS	Hazardous Waste Tracking System
ISA	Initial Site Assessment
LARWQCB	Los Angeles Regional Water Quality Control Board
LBP	lead based paint
LUST	Leaking Underground Storage Tank
Notify 65	Proposition 65 Records

NPDES	National Pollutant Discharge Elimination System List
NPL	National Priority List
PCB	polychlorinated biphenyls
PES	Preliminary Environmental Study
PID	photoionization detector
Project	Hueneme Road Widening Project
RCRA NonGen/NLR	Resource Conservation and Recovery Act - Non Generators/No Longer Regulated
REC	recognized environmental condition
RGA LUST	Recovered Government Archive Leaking Underground Storage Tank
ROW	right-of-way
SCE	Southern California Edison
SCH	School Property Evaluation Program
SEMS-Archive	Superfund Enterprise Management System Archive
SWEEPS UST	Statewide Environmental Evaluation and Planning System – UST Listing
TCE	temporary construction easement
USGS	United States Geological Survey
UST	Underground Storage Tank
VCEHD	Ventura County Environmental Health Division
VCP	Voluntary Cleanup Program Properties
WDR	Waste Discharge Requirements Listing
WDS	Waste Discharge System

EXECUTIVE SUMMARY

Geocon West, Inc. (Geocon) performed an Initial Site Assessment (ISA) of the Hueneme Road Widening Project (the Project, Federal Project ID: HIPL-5956(215)). The ISA was completed under Geocon Contract No. LP-2022-313R. The ISA Project Study Area is an approximate 2-mile-long segment of Hueneme Road from the intersection of Edison Drive to approximately ½ mile east of Rice Avenue in Ventura County, California.

The purpose of the Hueneme Road Widening Project is to construct new roadway lanes, buffered bike lanes, a paved median, and turns lanes to increase vehicle and bicycle travel and safety between the Cities of Oxnard and Camarillo. The improvements within the Project Study Area are planned for both directions of traffic. Partial parcel acquisitions and/or temporary construction easements (TCEs) from approximately 26 adjoining properties, totaling approximately 9.3 acres and 7.4 acres respectively, within the Project Study Area is anticipated.

GPA requested the ISA, on behalf of the County of Ventura, to determine the potential presence of recognized environmental conditions and potential environmental concerns within the Project Study Area that may impact right-of-way (ROW) acquisitions and planning and construction of the proposed improvements. The ISA included a site reconnaissance and review of topographic maps, aerial photographs, regulatory databases, facility-related documents, and other site-related record sources.

Historical records indicate that the Project Study Area has included a regional thoroughfare since at least the early 1900s, which includes use during periods when lead was an ingredient in gasoline. The potential for aerially deposited lead (ADL) in shallow soil in the shoulders of the roadway due to the historical use as an automotive thoroughfare represents an environmental concern for the Project Study Area. Any excess soil generated from construction excavations should be properly characterized for potential contaminants of concern prior to offsite reuse or disposal. An ADL survey is recommended to evaluate the potential presence of ADL in surface soils within the project limits that will be disturbed during construction to assist in developing management and disposal options for soil containing potentially hazardous concentrations of lead.

Historical records indicate that properties within and adjoining the Project Study Area have been used for agriculture (orchards and row crops) since at least the early 1900s, which includes use during periods when persistent pesticides were applied to farmlands. Pesticides may have been applied to the orchards and row crops, and if so, then pesticides and associated metals such as arsenic and lead may be present in shallow soil beneath the Project Study Area. A shallow soil survey is recommended to evaluate the potential presence of pesticides and associated metals in surface soils within project limits that will be disturbed during construction to assist in developing management and disposal options for soil containing potentially hazardous concentrations of pesticides and/or metals.

Regulatory records indicate that a release of diesel impacted soil within the Project Study Area at the Verizon Mugu Central Office located at 2463 East Hueneme Road. The Case Closure Summary report for the release indicates that underground storage tank (UST)-associated product-piping leaked diesel and that it was discovered during the replacement of the product-piping. The report indicates that approximately 36 tons of soil was excavated and removed from the property, and that contaminant concentrations after remediation did not exceed the laboratory reporting limits. The County issued a no further action letter on December 23, 2003 that indicated the site investigation and corrective actions were completed. The previous release constitutes a historical recognized environmental condition for the Project Study Area because it has been addressed to the satisfaction of the applicable regulatory authority and met unrestricted use criteria established by the applicable regulatory authority without subjecting the subject property to any controls. However, the presence of the diesel UST within the proposed ROW sliver take area is an environmental concern. Should the UST require removal/relocation and/or if excavation is planned within the near vicinity of the UST, any potentially contaminated soil encountered should be properly stockpiled and characterized to develop a waste profile prior to disposal and/or reuse.

Yellow traffic striping and pavement markings applied before 2005 potentially contained lead chromate pigment. Given that there is no assurance that striping and markings applied before 2005 have been completely removed or worn away, traffic striping and pavement markings observed within the Project Study Area generally have the potential to contain lead or chromium. Traffic striping and pavement marking waste generated by this project should be managed during construction. All striping paints should be treated as lead-containing for purposes of determining the applicability of the California Occupational Safety and Health Administration lead standard during removal activities. Used sandblasting materials or ground asphalt waste streams containing striping paint should be properly containerized and characterized to develop a waste profile prior to disposal.

Groundwater wells within the Project Study Area are potential environmental concerns as they can be conduits for contamination from the surface to enter the groundwater. Existing groundwater wells within the Project Study Area should be properly abandoned in accordance with regulatory permitting requirements if not planned for use.

One structure exists within the Project Study Area that was constructed prior to the 1980s. Structures constructed prior to 1980 have the potential to contain asbestos-containing material and lead based paint. A survey for asbestos-containing materials and lead based paints should be conducted prior to planned demolition of the structure.

Pole-mounted transformers have the potential to contain fluid that includes polychlorinated biphenyls. Removal of electrical equipment may generate hazardous waste. Utility owners maintain responsibility for transformers and other electrical equipment that may contain hazardous substances. As the owner, Southern California Edison (SCE) maintains responsibility for the transformers. Evidence of a release was not observed in the vicinity of the electrical equipment during the site reconnaissance, therefore further evaluation is unwarranted at this time. However, if leaking transformers are identified during construction, the utility owner should be contacted to test for polychlorinated biphenyls or other hazardous substances, service, replace and/or relocate the equipment.

Relocation or replacement of wooden utility poles may generate treated wood waste if the wooden posts are unable to be reused. However, it is Geocon's understanding that SCE will be overseeing the relocation and/or replacement of utility poles within the Project Study Area prior to construction.

The existence of a natural gas transmission line within the Project Study Area does not represent a recognized environmental condition for the Project Study Area, however its presence does have the potential to create possible construction conflicts. The plan and profile figure included with the GPA-provided Preliminary Environmental Study indicates that GPA and the County are aware of the presence of the natural gas transmission line. The construction contractor should notify the owner of the utility of their work to avoid any potential construction conflicts.

Any apparent contamination (i.e. soil staining, odor, buried debris, etc.) encountered within the construction excavations should be isolated and properly characterized for offsite disposal. Any undocumented subsurface structures (i.e. USTs, septic systems, wells, etc.) and/or abandoned or damaged asbestos coated pipe should be properly removed in accordance with regulatory reporting/permitting requirements. Groundwater generated during any construction dewatering operations should be properly contained, treated where required, and discharged under applicable regulatory permitting requirements.

INITIAL SITE ASSESSMENT

1.0 INTRODUCTION

This report presents the results of an Initial Site Assessment (ISA) of the Hueneme Road Widening Project (the Project, Federal Project ID: HIPL-5956(215)). The Project Study Area of this ISA is an approximate 2-mile-long segment of Hueneme Road from the intersection of Edison Drive to approximately ½ mile east of Rice Avenue in Ventura County, California. This ISA was performed by Geocon West, Inc. (Geocon) at the request of GPA Consulting (GPA) on behalf of the County of Ventura (the County) and the California Department of Transportation (Caltrans). The County is the proponent of the Project and acting as the California Environmental Quality Act Lead Agency. Caltrans is serving as the National Environmental Policy Act Lead Agency for the Project. The Project Study Area is depicted on the Vicinity Map, Figure 1, Site Plans, Figures 2-1 through 2-4, and site photographs.

1.1 Purpose and Scope of Services

GPA requested this ISA on behalf of the County to determine the potential presence of contaminated properties within the Project Study Area that may impact construction of the proposed roadway improvements, right-of-way (ROW) acquisitions (parcel sliver takes), or temporary construction easements (TCE). Adjacent parcels that are determined to potentially pose a significant impact to the planned roadway improvements, ROW acquisitions, or TCEs may require further evaluation including soil sampling and analytical testing. The ISA was performed in general accordance with project-specific scoping.

The primary purpose of the ISA is to identify evidence or indications of recognized environmental conditions (RECs) as defined by the ASTM International (ASTM) *Designation E1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.* Section 1.1.1 of ASTM *Designation E1527-21* defines an REC as: "(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. A de minimis condition is not a recognized environmental condition." Section 3.2.20 of ASTM *Designation E1527-21* defines a de minimis condition as "a condition related to a release that generally does not present a threat to human health or the environment and generally would not be the subject of the enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be a de minimis condition is not a recognized environmental condition nor a controlled recognized environmental condition."

We define a "potential environmental concern" as a past use of the Project Study Area or an adjoining or adjacent property that may have involved the use, storage, and/or release of hazardous substances or petroleum products that could have impacted the Project Study Area, but for which there are no records or other information to confirm that use, storage, or release. An example would be the possible application of pesticides to an agricultural field (i.e., irrigated row crop or orchard), but for which there are no records of such application or information from a knowledgeable person (i.e., site owner/occupant/operator) to confirm that application.

ASTM *Designation E1527-21* also defines 'Historical' and 'Controlled' RECs (HREC and CREC, respectively). An HREC is defined as "a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations)." A CREC is defined as a "recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations)." An HREC is not an REC if a property meets current standards for unrestricted residential use. A CREC remains an REC by definition when a property does not meet the unrestricted residential use requirement unconditionally.

The following principles are an integral part of ASTM *Designation E1527-21*:

- "**Uncertainty Not Eliminated** - No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a subject property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a subject property, and this practice recognizes reasonable limits of time and cost."
- "**Not Exhaustive** - All Appropriate Inquiries does not mean an exhaustive assessment of a property. There is a point at which the cost of information obtained or the time required to gather it outweighs the usefulness of the information and, in fact, may be a material detriment to the orderly completion of transactions. One of the purposes of this practice is to identify a balance between the competing goals of limiting the costs and time demands inherent in performing an environmental site assessment and the reduction of uncertainty about unknown conditions resulting from additional information."
- "**Level of Inquiry is Variable** - Not every property will warrant the same level of assessment. Consistent with good commercial and customary standards and practices as defined at 42 [United States Code] § 9601(35)(B), the appropriate level of environmental site assessment will be guided by the type of property subject to assessment, the expertise and risk tolerance of the user, future intended uses of the subject property disclosed to the environmental professional, and the information developed in the course of the inquiry."

- **"Comparison with Subsequent Inquiry** - It should not be concluded or assumed that an inquiry was not all appropriate inquiries merely because the inquiry did not identify recognized environmental conditions in connection with a subject property. Environmental site assessments must be evaluated based on the reasonableness of judgments made at the time and under the circumstances in which they were made. Subsequent environmental site assessments should not be considered valid standards to judge the appropriateness of any prior assessment based on hindsight, new information, use of developing technology or analytical techniques, or other factors."
- **"Point in Time** - The environmental site assessment is based upon conditions at the time of completion of the individual environmental site assessment elements."

The main components of this report, pursuant to ASTM *Designation E1527-21*, include the following:

- **Physical Setting:** Physical setting references were reviewed and observations made to obtain information concerning the topographic, geologic, and hydrogeologic characteristics of the Project Study Area. Such information may be indicative of the direction and/or extent that a contaminant could migrate in the event of a spill or release.
- **Site Reconnaissance:** The objective of the site reconnaissance was to observe conditions and activities for indications of evidence of recognized environmental conditions within the Project Study Area. The site reconnaissance was performed by making observations from public thoroughfares.
- **Site History:** The purpose of consulting historical references was to develop a history of the previous uses of the Project Study Area in order to identify if past uses have led to RECs in connection with the improvement project. Historical sources reviewed included aerial photographs, topographic maps, and city directories.
- **Records Review:** The objective of the records review was to obtain and review records that will help identify RECs at or potentially affecting the Project Study Area. We reviewed publicly available Federal, State, and local regulatory agency records for facilities located within the Project Study Area.

1.2 Report Limitations

This ISA report has been prepared exclusively for GPA, the County, and Caltrans. The information obtained is only relevant for the dates of the records reviewed or as of the date of the site reconnaissance. Therefore, the information contained herein is only valid as of the date of the report and will require an update to reflect recent records and site observations.

This report is not a comprehensive site characterization and should not be construed as such. The findings and conclusions presented in this report are predicated on the site reconnaissance, a review of the historical usage of land in the Project Study Area, and a review of the specified regulatory records as presented in this report. We did not assess the Project Study Area for wetlands, or perform testing (sample collection and testing) for asbestos-containing building materials, lead-containing paint, lead in drinking water, radon, mercury related to mining activities, methane, mold, per- and polyfluoroalkyl substances, or potential naturally occurring hazards such as asbestos and arsenic as part of this ISA.

Therefore, the report should only be deemed conclusive with respect to the information obtained. No guarantee or warranty of the results of the ISA is implied within the intent of this report or any subsequent reports, correspondence or consultation, either express or implied. We strived to conduct the services summarized herein in accordance with the local standard of care in the geographic region at the time the services were rendered.

2.0 PHYSICAL SETTING

This section provides a brief description of the physical setting of the Project Study Area including topography and geologic and hydrogeologic conditions. Observations of onsite conditions are described in Section 3.0.

2.1 Existing Conditions and Improvements

The Project Study Area includes an approximate 2-mile-long segment of Hueneme Road from the intersection of Edison Drive to approximately ½ mile east of Rice Avenue. Hueneme Road within the Project Study Area is comprised of two travel lanes, one westbound travel lane and one eastbound travel lane, paved shoulders, and four T-intersections, two of which are signalized. Intersections include dedicated left-turn lanes and merging lanes. Within the Project Study Area Arnold Road, Olds Road, Casper Road, and Rice Avenue terminate at Hueneme Road. The intersection of Hueneme Road and Rice Avenue includes dedicated slip lanes for westbound traffic and delineated pedestrian crossings. A non-contiguous drainage ditch and utility poles are present on the north side of Hueneme Road within the Project Study Area.

The majority of properties along Hueneme Road are used for agriculture. A commercial office building, utility building, and vacant property are also present along Hueneme Road. Improvements within the proposed ROW parcel sliver takes and TCEs include;

- fencing of various construction;
- a diesel underground storage tank (UST);
- groundwater wells and pumps;
- paved surfaces;
- landscaping;
- agricultural chemical mixing stations;
- buildings;
- aboveground storage tanks (AST); and
- various agricultural equipment.

Parcels that may potentially impact existing Hueneme Road ROW, proposed parcel sliver takes, and/or TCEs within the Project Study Area are discussed in later sections of this report.

2.2 Proposed Hueneme Road Improvements

The information presented in this section was obtained from Exhibit 6-A Preliminary Environmental Study (PES) of the Local Assistance Procedures Manual for the Federal Project Number HIPl-5952(215). GPA, the County, and Caltrans are currently evaluating Hueneme Road through the Project Study Area that extends between Edison Drive and approximately ½ mile east of Rice Avenue. The purpose of the Project is to construct new roadway lanes, buffered bike lanes, a paved median, and turn lanes to improve vehicle and bicycle travel and safety between the Cities of Oxnard and Camarillo. The improvements within the Project Study Area are planned for both directions of traffic. ROW parcel sliver takes and/or TCEs from approximately 26 adjoining parcels, totaling approximately 9.3 acres and 7.4 acres respectively, within the Project Study Area is anticipated.

2.3 Topography

The United States Geologic Survey (USGS) *Oxnard* topographic map was reviewed to obtain information relative to topography within the Project Study Area and vicinity. A review of the map indicates that elevations within the Project Study Area range from approximately 15 to 20 feet above mean sea level, generally from west to east. The general topography of the Project Study Area vicinity slopes southwest towards the Pacific Ocean.

2.4 Soil and Geologic Conditions

The Project Study Area is located in the central portion of the Transverse Ranges geomorphic province of Southern California (California Geologic Survey [CGS], 2002, Norris and Webb, 1990). The Transverse Ranges is characterized by rugged east-west trending mountain ranges, which extend approximately 320 miles from San Miguel Island at the western end to Joshua Tree National Monument at the eastern end where the province merges with the Mojave and Colorado desert provinces. The Transverse Ranges vary in width from approximately 40 to 60 miles and is traversed by a group of faults and fault zones including the San Andreas Fault, which bounds the province along its northeastern flank.

The Project Study Area is located within the southwestern portion of the Oxnard Plain. The Oxnard Plain is a coastal plain bound by the Sulphur-Santa Paula Mountains to the north, Conejo Mountains to the east, Santa Monica Mountains to the south, and the Pacific Ocean to the west. The Oxnard Plain is a deep alluvial-filled valley comprised of Upper Cretaceous-, Tertiary-, and Quaternary-age marine, continental, and volcanic sedimentary deposits which rest on a basement complex of presumably pre-Upper Cretaceous igneous and metamorphic rock (California Division of Mines and Geology [CDMG], 1975). The basement surface within the Oxnard Plain extends to an approximate maximum depth of 45,000 feet below sea level (CDMG, 1975).

The CGS' Geologic Map of California indicates that the Project Study Area is underlain by Quaternary-aged alluvial deposits generally comprised of lake, playa, and terrace deposits (CGS, 2010).

The United States Department of Agriculture Natural Resources Conservation Service's Web Soil Survey (http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx), an online soil mapping system, indicates the Project Study Area is underlain by:

- **Camarillo sandy loam:** sandy loam to fine sand formed in alluvium derived from sedimentary rock;
- **Camarillo loam:** loam to stratified fine sandy loam to loam to clay loam, alluvium derived from sedimentary rock;
- **Camarillo loam, loamy substratum:** loam to stratified loamy fine sand to clay loam; and
- **Hueneme loamy fine sand:** loamy fine sand to stratified sand to silt loam, calcareous alluvium derived from sedimentary rock over sedimentary rock.

2.5 Regional Groundwater Occurrence

The Project Study Area is situated within the Santa Clara River Valley-Oxnard groundwater sub-basin 4-004.02. Review of the *Groundwater Sustainability Plan for the Oxnard Subbasin* report prepared by the Fox Canyon Groundwater Management Agency indicates that the depth to groundwater within the Project Study Area vicinity was shallower than 10 feet above mean sea level in October 2015. Figure 2-51 of the report depicts four wells within one mile of the Project Study Area. Groundwater elevations at these wells range from 0.57 to 10.1 feet above mean sea level in October 2015. The groundwater flow direction is expected to be southwesterly towards the Pacific Ocean.

3.0 SITE RECONNAISSANCE

Mr. Adrian Rene Escobar, Project Geologist with Geocon, performed a reconnaissance of the Project Study Area on August 25, 2023, to attempt to identify visual indicators of potential contamination sources within and adjacent to the existing Hueneme Road ROW. Information presented hereinafter is based on observations noted during the site reconnaissance. Photographs of the Project Study Area are attached.

3.1 Project Study Area

3.1.1 Existing Hueneme Road Improvements

Within the Project Study Area Hueneme Road is a two-lane asphalt paved highway with paved shoulders (Photos 1 through 7). Olds Road and Rice Avenue are signalized T-intersections (Photos 3 and 7). Concrete paved pedestrian crossings are present on the islands created by the slip lanes at the Rice Avenue intersection (Photo 7). A non-contiguous drainage ditch is present on the north side of Hueneme Road (Photos 8 and 9). Utility poles for overhead lines are present on both sides of Hueneme Road across the length of the Project Study Area. Road signs within the Project Study Area are attached to metal posts.

Marked underground utilities within the Hueneme Road ROW include water, sewer, storm drain, and communications (Photo 10).

3.1.2 Sliver Take and TCE Improvements

Thirty-four parcels are present north and south of Hueneme Road within the Project Study Area. The majority of properties along Hueneme Road are used for agriculture (Photos 1 through 7). Commercial office buildings, a utility building, and packing facilities are among the commercial uses present along Hueneme Road (Photos 11, 12, and 13). Twenty-six of the 34 parcels are considered for parcel sliver takes and/or TCEs, see Figure 2. Within the Project Study Area existing improvements within the planned parcel sliver take and TCE areas include;

- A diesel UST located at Verizon Mugu Central Office, 2463 East Hueneme Road (Photo 14, Figure 2-3, additional UST details are in Sections 5.1.2 and 5.2);
- pad-mounted transformers (Photo 15);
- agricultural chemical mixing stations (Photo 16);
- chemical drums (Photo 17);
- ASTs (Photo 16);
- groundwater wells, pumps, and other irrigation equipment (Photos 17, 18, and 19);
- fencing of various construction (Photo 8);
- paved surfaces (Photos 11 and 14);
- landscaping; and
- a former residence (Photo 18).

No obvious signs of damage or spills/releases were observed.

At least four agricultural chemical mixing stations are partially located within the Project Study Area (Photos 16 and 17). The agricultural chemical mixing station locations are depicted on Figures 2-1 through 2-4. The locations were generally enclosed via chain-link fencing. ASTs of varying capacities were present in each of the enclosures, some of which were present within the Project Study Area. Labels identifying the contents of the ASTs were observed on only one AST during the reconnaissance. The label identified the contents of the AST as sulfuric acid and was observed near the central portion of the Project Study Area (Photo 20, Figure 2-3). An area of approximately four-square feet appeared to be stained at the base of the sulfuric acid AST (Photo 21). Approximately twelve 4-gallon chemical containers were observed within the Project Study Area (Photo 17). No secondary containment was observed at the agricultural chemical mixing station locations.

Groundwater wells, pumps, and irrigation system plumbing were observed at several locations within the Project Study Area (Photos 17, 18, and 19). These locations are depicted on Figures 2-1 through 2-4. Some groundwater wells appeared to be actively operated. At least three irrigation system locations appeared to no longer be in service, as indicated by no pumps being present at the location or the location lacked sections of plumbing for conveyance of water (Photo 22).

Signage indicating the application of chloropicrin, a soil fumigant, to the adjacent agricultural fields were present in the eastern portion of the Project Study Area on the north side of Hueneme Road (Photo 23).

Pad-mounted transformers were located near the central portion of the Project Study Area (Photo 15). One appeared to be unused and the other appeared to be of newer construction. No labels indicating the presence of polychlorinated biphenyls (PCB) were observed on the transformer cabinets.

Areas planted with crops were present in various locations on the south side of Hueneme Road within the Project Study Area (Photos 1, 2, 5, 6, and 19).

3.2 Adjoining Parcel Improvements

Improvements on the remaining portions of the adjacent parcels along the portion of Hueneme Road within the Project Study Area include;

- agricultural land, both fallow and planted;
- electrical transmission line towers;
- plant nurseries (Photos 6 and 8);
- roadside shops (Photo 24);
- buildings associated with ongoing agricultural activities (offices, warehouses, sheds, and garages);

- groundwater wells, pumps, and associated equipment for crop irrigation (Photo 25);
- ASTs (Photo 19);
- an unmarked building associated with local utilities per the facility depiction on the provided PES documentation (Photo 12); and
- agricultural chemical mixing stations (Photo 19).

Agricultural fields were largely prepared and/or planted as row crops or sod fields (Photos 26 and 27). Signage was present at a field east of the Project Study Area warning of the presence of a fumigant in the irrigation water. Equipment for the distribution of water via sprinklers was present on the parcels.

Agricultural chemical mixing stations were observed on multiple parcels outside the Project Study Area. At least three chemical mixing stations, and their associated equipment, are located only partially within the Project Study Area.

ASTs mounted to trailers were observed on multiple parcels (Photo 28). A fuel AST was observed in the eastern portion of the Project Study Area. Unlabeled or illegible labels were observed on other trailers during the reconnaissance. No obvious signs of staining or spills were observed near the trailer mounted ASTs.

Two roadside shops were present on adjoining parcels. One shop appeared to be vacant and the other actively operating (Photo 24).

3.3 Potential Concerns

Evidence of surficial hazardous materials (e.g., containers of and/or signage for use of hazardous substances or petroleum products) were observed within the Project Study Area. The use of pesticides and other hazardous substances on agricultural properties within the Project Study Area is likely given the signage indicating the application of chloropicrin to crops and the general use of such substance in agriculture. Additional information pertaining to the use of pesticides within the Project Study Area is discussed in Section 4.0. The observed release to soil adjacent to the sulfuric acid AST is considered a de minimis condition given the limited lateral extent of the release. The use of the properties adjacent to the Hueneme Road ROW for agriculture is a potential environmental concern given the nature of the work and its use of hazardous substances and petroleum products. Facility specific information is discussed in Section 5.0.

The presence of a diesel UST within the Project Study Area is an environmental concern. Additional information pertaining to the UST is provided in Section 5.2.

Yellow traffic striping and pavement markings applied before 2005 potentially contained lead chromate pigment. Given that there is no assurance that striping and markings applied before 2005 have been completely removed or worn away, traffic striping and pavement markings observed within the project limits generally have the potential to contain lead or chromium.

Groundwater wells within the Project Study Area are potential environmental concerns for the Project as they can be a conduit for contamination from the surface to enter the groundwater.

Relocation or replacement of wooden utility poles may generate treated wood waste if the wooden posts are unable to be reused. However, it is Geocon's understanding that Southern California Edison (SCE) will be overseeing the relocation and/or replacement of utility poles within the Project Study Area prior to construction.

4.0 PROJECT STUDY AREA HISTORY

This section summarizes information regarding the historical development and use of the Project Study Area. Historical information sources include historical Sanborn fire insurance maps, topographic maps, aerial photographs, and city directories provided by EDR (formerly known as Environmental Data Resources Inc.), an environmental and historical records vendor. Materials were reviewed to obtain information about past land uses that have the potential to have impacted the Project Study Area through the generation, use, storage, or disposal of hazardous substances and/or petroleum products.

4.1 Review of Historical Sanborn Maps

Historical Sanborn fire insurance maps were not available for the Project Study Area. A copy of the EDR *Certified Sanborn® Map Report* dated August 1, 2023 is in Appendix A.

4.2 Review of Historical Topographic Maps

We reviewed historical aerial photographs provided by EDR for the years 1938, 1949, 1953, 1961, 1967, 1975, 1978, 1985, 1989, 1996, 2002, 2006, 2009, 2012, 2016 and 2020. Copies of *The EDR Aerial Photo Decade Package* dated August 3, 2023 and modified EDR-provided topographic maps are in Appendix B. The modified EDR-provided material includes the Project Study Area limits depiction and has been cropped where necessary to fit the Project Study Area within the figure. The following summarizes information about the Project Study Area and adjoining properties depicted on the maps (map scale in parenthesis):

- **1904 Map (1:62,500):** The 1904 map depicts a roadway in the general alignment of Hueneme Road. Ten buildings are depicted on the adjoining properties north and south of Hueneme Road. A school building is depicted northeast of the intersection of present-day Hueneme Road and Olds Road.
- **1943 and 1947 Maps (1:62,500 and 1:50,500):** Conditions are generally similar to the 1904 map except additional buildings are present along Hueneme Road, an orchard is depicted south of Hueneme Road and east of Arnold Road to Olds Road. The school is labeled Ocean View School.
- **1949 and 1951 Maps (1:24,000):** Conditions are generally similar to the 1943 and 1947 maps except Hueneme Road is depicted as a secondary highway and additional buildings and orchards are depicted on the adjoining properties north and south of Hueneme Road.
- **1967 Map (1:24,000):** Additional buildings are depicted on the adjoining properties north and south of Hueneme Road. The quality of the map does not allow for the easy recognition of the adjacent orchards. The acreage of adjacent orchards is similar to what is depicted on the 1949 and 1951 maps.
- **2012, 2015 and 2018 Maps (1:24,000):** No buildings are depicted within ¼ mile of the Project Study Area. Orchards are no longer depicted on the adjoining parcels to the north or south of Hueneme Road. Vegetation is depicted southeast of the intersection of Hueneme Road and Casper Road by green color shading.

In summary, information on the historical maps indicates that Hueneme Road has extended through the Project Study Area in its current alignment since at least 1904 with the majority of the current adjacent development occurring since that time. Orchards were present on the adjoining properties north and south of Hueneme Road from sometime between 1904 and 1943 until sometime between 1967 and 2012. Pesticides may have been applied to the orchards, and if so, then pesticides and associated metals such as arsenic and lead may be present in shallow soil beneath the Project Study Area.

4.3 Review of Historical Aerial Photographs

We reviewed historical aerial photographs (1" = 1,875') provided by EDR for the years 1938, 1947, 1953, 1959, 1967, 1976, 1978, 1985, 1994, 2005, 2009, 2012, 2016, and 2020. Copies of *The EDR Aerial Photo Decade Package* dated August 3, 2023 and modified EDR-provided aerial photographs are in Appendix C. The modified EDR-provided material includes the Project Study Area limits depiction and has been cropped where necessary to fit the Project Study Area within the figure. The following summarizes information regarding the Project Study Area based on our review of the photographs.

- **1938:** The 1938 aerial photograph indicates the Project Study Area was developed with a road in a similar alignment to the present-day Hueneme Road with agricultural use properties on the adjoining parcels north and south of the roadway ROW. Buildings were present on most of the adjoining properties. At least one building was located within the Project Study Area. Orchards, row crops, and fallow land were present within the Project Study Area.

- **1947:** Conditions were similar to those observed on the 1938 aerial photograph except some properties had changed between one of the previously mentioned conditions, orchard, row crop, or fallow (i.e. a previously follow field was row crops).
- **1953, 1959, 1967, and 1976:** Conditions were similar to those observed on the 1947 aerial photograph.
- **1978:** Conditions were similar to those observed on the 1953, 1959, 1967, and 1976 aerial photographs except the former orchards within the Project Study Area were fallow.
- **1985:** Conditions were similar to those observed on the 1978 aerial photograph except no orchards were present on the adjoining properties north or south of Hueneme Road. Additional buildings were present south of Hueneme Road.
- **1994:** Conditions were similar to those observed on the 1985 aerial photograph.
- **2005:** Conditions were similar to those observed on the 1994 aerial photograph except Rice Avenue appears to have been present in its current configuration and several buildings south of the western portion of the Project Study Area were no longer present.
- **2009, 2012, 2016, and 2020:** Conditions were similar to those observed on the 2005 aerial photograph.

In summary, historical aerial photographs indicate that Hueneme Road has extended through the Project Study Area in its current alignment since at least 1938 with the majority of the current adjacent development having been present since that time. Orchards were present on the adjoining properties north and south of Hueneme Road from sometime prior to 1938 until sometime between 1978 and 1985. Pesticides may have been applied to the orchard and row crops, and if so, then pesticides and associated metals such as arsenic and lead may be present in shallow soil beneath the Project Study Area. Additionally, structures pre-dating 1980 were observed on the aerial photographs within the Project Study Area. Structures constructed prior to 1980 have the potential to contain asbestos containing materials (ACM) and lead based paints (LBP).

4.4 Review of City Directories

EDR prepared a city directory report of cross-referenced directories reviewed at approximately five-year intervals from 1981 through 2020 for addresses listed within the Project Study Area vicinity. A copy of *The EDR-City Directory Image Report* dated September 5, 2023 is in Appendix D. The directories list various individuals and commercial occupants. The commercial entities included farms, nurseries, and various retailers. None of the names listed in the directories directly suggest the use and/or storage of hazardous substances and/or petroleum products. As described in Sections 4.2 and 4.3, the historical use of the parcels within, and adjoining, the Project Study Area as agricultural properties is a potential environmental concern for the Project Study Area due to the potential application of pesticides to the orchards and row crops.

4.5 Potential Environmental Concerns

The reviewed historical sources indicate an automotive thoroughfare has been present through the Project Study Area since some time before 1938, which includes use during periods when lead was an ingredient in gasoline, and that this has been its primary use since that time. Aerially deposited lead (ADL) is therefore potentially present in soil within the Project Study Area. ADL within the Project Study Area is a potential environmental concern.

Orchards and row crops were present within the Project Study Area and/or on the adjoining properties north and south of Hueneme Road from sometime prior to 1938 and sometime between 1978 and 1985. Pesticides may have been applied to the orchards, and if so, then pesticides and associated metals such as arsenic and lead may be present in shallow soil beneath the Project Study Area. The potential presence of pesticides and associated metals in soil at the Project Study Area is considered a potential environmental concern.

Yellow traffic striping and pavement markings applied before 2005 potentially contained lead chromate pigment. Given that there is no assurance that striping and markings applied before 2005 have been completely removed or worn away, traffic striping and pavement markings observed within the Project Study Area generally have the potential to contain lead or chromium. Yellow traffic striping and pavement markings within the Project Study Area are a potential environmental concern.

5.0 REGULATORY AGENCY RECORDS

This section describes the review of regulatory agency database and records for listed facilities located within the Project Study Area and vicinity.

5.1 Database Review

EDR searched federal, state, and local environmental databases for the Project Study Area and surrounding areas. The following table lists the EDR-searched database name, database search radius, and the number of listings identified within the radius on the database. Databases with no listings within the specified search radius are not included in the table. A copy of the report titled *EDR Area/Corridor Report* dated July 31, 2023, is in Appendix E.

Database Name	Search Radius (Miles)	Number of Listings
STANDARD ENVIRONMENTAL RECORDS		
National Priority List (NPL)	1.0	1
Superfund Enterprise Management System Archive (SEMS-Archive)	0.5	1
Department of Toxic Substances Control's [DTSC] Online Data Management System (EnviroStor)	1.0	9
Leaking Underground Storage Tank (LUST)	0.5	21
Cleanup Program Sites – Spills Leaks, Investigation, and Cleanups (CPS-SLIC)	0.5	4
Underground Storage Tanks (UST)	0.25	8
Aboveground Storage Tank (AST)	0.25	2
ADDITIONAL ENVIRONMENTAL RECORDS		
Voluntary Cleanup Program Properties (VCP)	0.5	1
Historical Calsites Database (HIST Cal-Sites)	1.0	1
School Property Evaluation Program (SCH)	0.25	1
California Environmental Reporting System [CERS] Regulated Site Portal for Hazardous Waste (CERS HAZ WASTE)	0.25	3
Statewide Environmental Evaluation and Planning System – UST Listing (SWEEPS UST)	0.25	2
Historical UST Properties/Facilities (HIST UST)	0.25	9
CERS for AST/UST regulatory program (CERS TANKS)	0.25	2
California Facility Index Database [FID] for USTs (CA FID UST)	0.25	2
Deed Restriction Listing (DEED)	0.5	1
California Hazardous Materials Incident Report System (CHMIRS)	TP	1
Resource Conservation and Recovery Act [RCRA] – Non Generators/No Longer Regulated (RCRA NonGen/NLR)	0.25	8
Formerly Used Defense Sites (FUDS)	1.0	1
Department of Defense Sites (DOD)	1.0	1
Facility Index System/Facility Registry System (FINDS)	TP	10
Enforcement and Compliance History Information (ECHO)	TP	4
"Cortese" Hazardous Waste & Substances Sites List (CORTESE)	0.5	13
Cleaners Facilities (DRYCLEANERS)	0.25	1
Enforcement Action Listing (ENF)	TP	1
Historical "Cortese" Hazardous Waste & Substance Site List (HIST Cortese)	0.5	11
Facility and Manifest Data (HAZNET)	TP	15
National Pollutant Discharge Elimination System List (NPDES)	TP	2
Proposition 65 Records (Notify 65)	1.0	1

Database Name	Search Radius (Miles)	Number of Listings
Waste Discharge System (WDS)	TP	1
Waste Discharge Requirements Listing (WDR)	TP	1
California Integrated Water Quality System (CIWQS)	TP	2
California Environmental Reporting System (CERS)	TP	7
Hazardous Waste Tracking System (HWTS)	TP	22
EDR RECORDS		
Recovered Government Archive Leaking Underground Storage Tank (RGA LUST)	TP	8

The following summarizes pertinent database information for the Hueneme Road ROW and adjoining parcels. There is often no way to determine where a release or feature of interest is/was located on a property/facility given the nature of the EDR-provided information. Our opinion on whether or not a property/facility feature or release has the potential to have impacted the Project Study Area or may impact future Project development is provided below.

5.1.1 Hueneme Road Right-of-Way

Hueneme Road and Arnold Road – The CHMIRS database indicates that approximately one quart of mineral oil was released to soil from the failure of a pole-mounted transformer. This release is considered de minis and unlikely to impact the Project.

Hueneme Road Recycled Water Pipeline Phase II – Olds Road to Woods Road – The NPDES and CIWQS databases indicate that a recycled water pipeline was proposed to be installed within the Hueneme Road ROW but the project was terminated. The listing on these databases is unlikely to suggest conditions that would cause an REC at the Project Study Area.

5.1.2 Parcels within Project Study Area

Five properties/facilities within the Project Study Area along Hueneme Road are listed on non-release databases[1] for permitted air emissions, hazardous material use and storage, operation of USTs and/or ASTs, etc. Listings on non-release databases do not suggest the potential to have caused an REC within the Project Study Area. The following table summarizes pertinent EDR-provided database information for six parcels located within the Project Study Area that are listed on one or more regulatory release databases.

Facility Name	Address	Regulatory Release Database	Pertinent Information
Remie Callens and Remie J Callens Ranch ACC	1552 East Hueneme Road	LUST, RGA LUST, CORTESE, HIST CORTESE, CERS	The LUST database indicates that a release of gasoline impacted soil at this facility and that the County closed the regulatory case in May 1995. The CORTESE, CERS, and RGA LUST databases do not provide any additional pertinent information. Additional facility information is provided in Section 5.2.
Manabi Farms	2292 East Hueneme Road	LUST, RGA LUST, CORTESE, HIST CORTESE, CERS	The LUST database indicates that a release of gasoline impacted groundwater at this facility and that the Los Angeles Regional Water Quality Control Board (LARWQCB) closed the regulatory case in March 1995. The CORTESE, HIST CORTESE, RGA LUST, and the CERS databases do not provide any additional pertinent information. Additional facility information is provided in Section 5.2.

[1] "Release" refers to an unauthorized release of a petroleum product or hazardous substance to the environment - i.e. the ground surface, soil, soil vapor, groundwater, or surface water on a property. "Non-release database" refers to those that may report use, storage, or disposal of hazardous substances and/or petroleum products or other environmental conditions, but do not report releases of such. "Release database" refers to those which provide information regarding an unauthorized release.

Facility Name	Address	Regulatory Release Database	Pertinent Information
Verizon Mugu Central Office, General Telephone of California, and Frontier California: MUGU CO	Verizon Mugu Central Office	LUST, RGA LUST, CORTESE, CERS	The LUST database indicates that a release of diesel impacted soil at this facility and that the County closed the regulatory case in December 2003. The HIST CORTESE, RGA LUST, and the CERS databases do not provide any additional pertinent information. Additional facility information is provided in Section 5.2.
Naumann Bros	3000 East Hueneme Road	RGA LUST	The RGA LUST database does not provide any pertinent information. Additional facility information is provided in Section 5.2.
Herman J Becker	3121 East Hueneme Road	LUST, CORTESE, HIST CORTESE, CERS	The LUST database indicates that a release of gasoline impacted groundwater at this facility and that the County closed the regulatory case in March 1989. The CORTESE, HIST CORTESE, and CERS databases do not provide any additional pertinent information. Additional facility information is provided in Section 5.2.
Arthur Pidduck Ranch	3391 East Hueneme Road	LUST, CORTESE, HIST CORTESE, CERS	The LUST database indicates that a release of gasoline impacted soil at this facility and that the County closed the regulatory case in September 1996. The CORTESE, HIST CORTESE, and CERS databases do not provide any additional pertinent information. Additional facility information is provided in Section 5.2.

5.1.3 Adjacent Parcels

The following table summarizes pertinent EDR-provided database information for properties/facilities located within ¼ mile, and completely outside, of the Project Study Area that are listed on one or more regulatory release databases and therefore have the potential to impact the Project.

Facility Name	Address (Distance and Direction)	Regulatory Release Database	Pertinent Information
WWL Vehicle Services Americas, Inc.	5351 Edison Drive (approximately 70 feet west)	CERS	The CERS database indicates that this property is a chemical storage facility with violations pertaining to record keeping and document submission. The facility's listing on this database and non-release related violations suggest that this facility is unlikely to have caused an REC for the Project Study Area.
WWL Vehicle Services Americas, Inc. and Pacific Vehicle Processors	5601 Edison Drive (approximately 70 feet west)	LUST, EnviroStor, CERS, CORTESE	The LUST database indicates that a release of gasoline impacted groundwater at this facility and that the County closed the regulatory case in December 2004. The EnviroStor database indicates that halogenated compounds, pesticides, and oil containing waste impacted an unspecified media at the facility. The database indicates that the status of the facility is "inactive – needs evaluation" as of June 2018. The CORTESE and CERS databases do not provide any additional pertinent information. Additional facility information is provided in Section 5.2.
BMW	5056 Arcturus Avenue (approximately 900 feet west)	LUST, CORTESE, CERS	The LUST database indicates that a release of gasoline impacted soil at this facility, the abatement method was "excavate and treat," and the County closed the regulatory case in July 2000. The CORTESE and CERS databases do not provide any additional pertinent information. Additional facility information is provided in Section 5.2.
BMW Engineering West Facility and BMW of North America VPC	5650 Arcturus Avenue (approximately 900 feet west)	CPS-SLIC, LUST, CERS; ENF	The CPS-SLIC database indicates that a release of gasoline impacted soil at this facility and that the county closed the regulatory case in March 2008. The LUST, CERS, and ENF databases do not provide any additional pertinent information. Additional facility information is provided in Section 5.2.

Facility Name	Address (Distance and Direction)	Regulatory Release Database	Pertinent Information
Kita Brothers	3478 East Hueneme Road (approximately 1,300 feet southeast)	LUST, CORTESE, HIST CORTESE, CERS	The LUST database indicates that a release of gasoline impacted soil at this facility and that the County closed the regulatory case in September 1993. The database also indicates that a release of diesel impacted groundwater at this facility and that the County closed the regulatory case in August 1993. The CORTESE, HIST CORTESE, and CERS databases do not provide any additional pertinent information. The regulatory closure of the case and the distance to this facility suggest that it is unlikely to have caused an REC at the Project Study Area.

5.2 Regulatory File Review

Additional pertinent information obtained from a review of regulatory case file documentation available on the State Water Resources Control Board's GeoTracker website (http://geotracker.waterboards.ca.gov), EnviroStor website (http://www.envirostor.dtsc.ca.gov/public/), and/or Ventura County Environmental Health Division's (VCEHD) Online Records website (https://vcrma.org/en/online-records) for properties/facilities within the Project Study Area and within ¼ mile of the Project Study Area is presented hereinafter. No regulatory file information was available on EnviroStor for the Project Study Area. Copies of discussed regulatory documentation are in Appendix F.

Remie Callens and Remie J Callens Ranch ACC – 1552 East Hueneme Road – As described in Section 5.1.2, a release of gasoline impacted soil at this property and the County closed the regulatory case in May 1995. Multiple documents are available on the VCEHD website. A provided VCEHD site inspection sheet dated May 8, 1991 indicates that multiple USTs were removed from the property and that impacted soil was observed during the removal. A hand-drawn site map with notes depicts the location from where two USTs were removed, notes that photoionization detector (PID) readings of in place and stockpiled soil were "negligible," and that a PID reading of discolored soil stuck to one of the USTs was 875. A figure included in the tank removal status report, dated May 29, 1991, depicts the USTs greater than 125 feet south of the Project Study Area. The VCEHD issued a no further action letter dated May 23, 1995 indicating that site investigation and remedial action for the LUST case at the property was completed and that no further action was required. The regulatory closure of the case suggests that this release is unlikely to have caused an REC at the Project Study Area.

Manabi Farms – 2292 East Hueneme Road – As described in Section 5.1.2, a release of gasoline impacted groundwater at this facility and the LARWQCB closed the regulatory case in March 1995. Information available on the VCEHD website indicates that contaminant impacted soil was present at the property at the time of the removal of two USTs, one gasoline and one diesel. A figure provided in the file depicts two USTs at least approximately 150 feet south of the Project Study Area. Four soil samples were collected in August 1990 during the removal of the USTs, one from the soil stockpile of each excavation and one from beneath each UST. None of the tested constituents were detected at concentrations exceeding their respective environmental screening level. The results of the soil sample analysis, distance of the USTs from the Project Study Area, and regulatory closure of the case suggest that this release is unlikely to have caused an REC at the Project Study Area.

Verizon Mugu Central Office, General Telephone of California, and Frontier California: MUGU CO – 2463 East Hueneme Road – As described in Section 5.1.2, a release of diesel impacted soil at this property and the County closed the regulatory case in December 2003. The VCEHD and GeoTracker websites provide the same set of files pertaining to the release that include figures depicting the release location and a Case Closure Summary report dated December 2003. The provided figures depict the release location adjacent to a 4-000-gallon diesel UST. The UST location was observed during the site reconnaissance and may be within the Project Study Area depending on the final improvement plans. The Case Closure Summary report indicates that UST-associated product-piping leaked diesel at the property and that it was discovered during the replacement of the product-piping. Additionally, the report indicates that approximately 36 tons of soil was excavated and removed from the property and that contaminant concentrations after remediation did not exceed the laboratory reporting limits. The report indicates that corrective actions do not need to be reviewed if the land use were to change. The County issued a no further action letter on December 23, 2003 that indicated the site investigation and corrective actions were completed. The previous release at this property is an HREC for the Project Study Area because it has been addressed to the satisfaction of the applicable regulatory authority and met unrestricted use criteria established by the applicable regulatory authority without subjecting the subject property to any controls. However, the presence of a diesel UST within the proposed parcel sliver take area is an environmental concern if the UST requires removal/relocation and/or construction excavations within the near vicinity of the UST encounter contaminated soil.

Naumann Bros – 3000 East Hueneme Road – As described in Section 5.1.2, this facility is listed on the RGA LUST database, but no pertinent information was provided. The VCEHD website provides documentation regarding the release at this facility. An application for the removal of three USTs at the facility indicates that two 4,000-gallon gasoline and one 4,000-gallon diesel UST were installed at this facility. An included hand-drawn site plan depicts the USTs south of the Project Study Area. A letter prepared by PW Environmental, an environmental engineering and consulting firm, dated August 24, 1987 indicates;

- contaminated soil was observed near the USTs and fuel pump associated piping;
- contaminated soil was excavated and isolated;
- contaminated soil was sent to an accepting landfill in Arizona;
- a clay layer was observed at the bottom of the excavation;
- analysis of soil samples suggest that contaminated soil was completely excavated; and
- PW Environmental "did not feel" additional assessment was needed.

A letter from the County dated December 4, 1987 indicates that the VCEHD reviewed the soil sample analysis results and concluded that no further action was required. The release at this facility is unlikely to have caused an REC at the Project Study Area.

Herman J Becker – 3121 East Hueneme Road – As described in Section 5.1.2, a release of gasoline impacted groundwater at this facility and the County closed the regulatory case in March 1989. The VCEHD website provides documentation regarding the release at this facility. McClelland Consultants prepared the report titled *Subsurface Investigation for Detection of Possible Petroleum Hydrocarbon Contamination, 3121 Hueneme Road, Oxnard, California*, dated February 21, 1989. The report indicates that three 1,000-gallon USTs were installed at the facility for use with diesel, regular leaded, and "super leaded" petroleum products. A figure included with the documentation depicts the USTs approximately 35 feet north of the property line which is outside the Project Study Area. The USTs were previously removed from the facility but no soil samples from beneath the tanks were collected. Therefore, the VCEHD requested assessment of the former location of the USTs for a possible release. McClelland Consultants concluded their report with their "opinion that groundwater contamination at the property is minimal and degradation of the contamination will probably occur naturally." The VCEHD concurred with McCelland Consultants opinion and issued a no further action letter March 8, 1989. The release at this facility is unlikely to have caused an REC at the Project Study Area or impact future Project improvements.

Arthur Pidduck Ranch – 3391 East Hueneme Road – As described in Section 5.1.2, a release of gasoline impacted soil at this property and the County closed the regulatory case in September 1996. The VCEHD and GeoTracker websites provide documentation regarding the release at this facility. VCEHD provides a figure depicting the location of the UST excavation to be approximately 900 feet north of the Hueneme Road ROW. GeoTracker provides an Underground Storage Tank Case Review Form dated September 6, 1996 that provides a case summary. The summary indicates a 500-gallon gasoline UST, dispenser, and associated piping were removed; contaminated soil was excavated and removed; no hydrocarbon-impacted-soil is believed to remain on the site; and no contamination was detected in groundwater samples collected during 1992, 1993, and 1994 sampling events. The VCEHD website provides the LARWQCB no further action letter dated September 6, 1996. The removal of release-impacted soil from the facility, the lack of contamination detected in groundwater monitoring wells, and regulatory case closure at this facility suggest that it is unlikely to have caused an REC at the Project Study Area.

WWL Vehicle Services Americas, Inc. and Pacific Vehicle Processors – 5601 Edison Drive – As described in Section 5.1.3, a release of gasoline impacted groundwater at this facility and the County closed the regulatory case in December 2004. The VCEHD website provides documentation regarding the release at this facility. A figure provided with the documentation depicts the UST approximately 600 feet west of the western Project Study Area limits. The VCEHD prepared the report titled *Closure Recommendation, Pacific Vehicle Processing, 5601 Edison Drive, Oxnard, California* dated October 28, 2004 recommending case closure to the LARWQCB. The report indicates that one 5,000-gallon UST was removed from the facility in December 2003 and that during the removal soil and groundwater samples were collected. The report concluded that soil and groundwater contamination at the facility was "minor and adequately defined." The VCEHD issued a no further action letter dated December 17, 2004 indicating that site investigation and corrective action was completed and that no further action was required regarding the release at the facility. The Case Closure Summary report included with the letter indicates that no review of corrective action is necessary if land use were to change. The regulatory closure of the case suggests that the release is unlikely to have caused an REC at the Project Study Area.

BMW – 5056 Arcturus Avenue – As described in Section 5.1.3, a release of gasoline impacted soil at this facility located approximately 900 feet west of the Project Study Area and the County closed the regulatory case in December 2004. The VCEHD and GeoTracker websites provide documentation regarding the release at this facility. ENSR prepared the report titled *Results of Underground Storage Tank (UST) Removal, Limited Soil and Groundwater Assessment, and Remediation Activities Leading to Case Closure at the BMW Auto Preparation Facility Located at 5056 Arturus Road, Oxnard, California (VCEHD-LUFT Case File No. C00009)* dated May 31, 2000 to request case closure from the VCEHD. The report indicates that a 500-gallon waste oil UST, two 2,000-gallon gasoline USTs, a dispenser island, and associated piping were removed from the facility and that soil and groundwater sampling were conducted in each of the aforementioned areas. ENSR recommended closure of the case given the removal of the former petroleum product associated features and contaminant impacted soil. The VCEHD issued a no further action letter on July 13, 2000 that confirmed site investigation and corrective action was completed and that no further action was required regarding the release at the facility. The Case Closure Summary report included with the letter indicates that no review of corrective action is necessary if land use were to change. The regulatory closure of the case suggests that the release is unlikely to have caused an REC at the Project Study Area.

BMW Engineering West Facility and BMW of North America VPC – 5650 Arcturus Avenue – As described in Section 5.1.3, a release of gasoline impacted an unspecified media at this facility and the County closed the regulatory case in March 2008. Information available on GeoTracker indicates that EDR-provided information was inaccurate. The two names are associated with two separate facilities at two separate addresses. The provided documentation suggest that the two facilities may have been informally associated with the 5650 street number. The North America VCP facility was located at 5650 Arcturus Avenue and the Engineering West Facility was located at 5900 Arcturus Avenue.

The VCEHD and GeoTracker websites provide documentation regarding the release at the North America VCP facility located at 5650 Arcturus Avenue, approximately 900 feet west of the Project Study Area. VCEHD-provided information indicates that data was submitted to the VCEHD and that the VCEHD deemed additional work was necessary to reduce soil concentrations of soil contamination at the facility to acceptable levels. GeoTracker provides a UST closure report, dated August 20, 2010, prepared by AECOM Environment that documents the removal of USTs and sampling and analysis of soil and groundwater from within the excavation. AECOM Environment concluded their report indicating that it was their opinion that petroleum hydrocarbon concentrations in soil and groundwater at the facility "do not indicate a significant release … from the USTs." The VCEHD issued a no further action letter on February 22, 2011 that confirmed site investigation and corrective action was completed and that no further action was required regarding the release at the facility. AECOM Environment's suggestion that no significant release had taken place, the facility's distance from the Project Study Area, and regulatory closure of the case suggest that this release is unlikely to have caused an REC at the Project Study Area.

The VCEHD and GeoTracker websites provide documentation regarding the release at the Engineering West Facility located at 5900 Arcturus Avenue, approximately ¼ mile southwest of the Project Study Area. VCEHD-provided information indicates that two releases identified at the facility address have occurred. The first documented release occurred January 2001, was a release of gasoline from "underground piping," is reported to have been repaired, and occurred at the BMW facility. GeoTracker provides a no further action letter prepared by the LARWQCB for the release at the Engineering West Facility dated July 16, 2010. The letter indicates that the LARWQCB reviewed a report prepared documenting the location and repair of underground leaking fuel piping at the facility. The LARWQCB indicated that no further action was required for subsurface investigation and remediation. The distance of this facility from the Project Study Area, limited extent of release, and regulatory closure of the case suggests this release is unlikely to have caused an REC at the Site.

The second documented release occurred May 2009, was a release of non-polychlorinated biphenyls containing mineral oil from a pump located in a vault, and that the responsible party was SCE. The GeoTracker-provided material also indicates that the release discharged into the street gutters and subsequently flowed into the downgradient storm drain. This release is not reported to have impacted soil or groundwater and is therefore unlikely to have caused an REC at the Project Study Area.

5.3 California Geologic Energy Management Division

The California Geologic Energy Management Division's Well Finder (https://www.conservation.ca.gov/calgem/Pages/WellFinder.aspx), an online petroleum (oil and natural gas) field and well mapping system, depicts a portion of the Project Study Area within the Cabrillo Oil Field. The approximate 5,000-foot portion of the alignment within the Cabrillo Oil Field starts at approximately Olds Road and terminates approximately 1,500 feet east of Rice Avenue. The mapping system does not depict any oil or natural gas wells on or within ¼ mile of the Project Study Area. The groundwater study titled *Groundwater Quality of Aquifers Overlying the Oxnard Oil Field, Ventura County, California* by Rosecrans, C.Z. and others indicates that "Oil and gas development from the Cabrillo Oil Field is from the Miocene Topanga formation found at depths greater than approximately 1,500 [meters, 4,921 feet]" (Rosecrans, C.Z., et al,). The location of the Project Study Area within an oil field is not expected to impact future Project improvements.

5.4 National Pipeline Mapping System

The United States Department of Transportation's National Pipeline Mapping System Public Map Viewer, (https://www.npms.phmsa.dot.gov/default.aspx), an online pipeline mapping system, depicts a natural gas transmission line beneath the western portion of the Project Study Area, approximately 300 feet east of the intersection of Hueneme Road and Edison Drive. The plan and profile figure included with the PES indicates that GPA and the County are aware of the presence of the natural gas transmission line.

5.5 Potential Concerns

The reviewed regulatory sources indicate that approximately one quart of mineral oil was released to soil from the failure of a pole-mounted transformer within the Hueneme Road ROW. This release is considered de minimis and unlikely to impact the Project.

Six parcels within the Project Study Area associated with LUST regulatory cases were identified. The release at 2463 East Hueneme Road took place within the Project Study Area, was addressed to the satisfaction of the applicable regulatory authority, met unrestricted use criteria established by the applicable regulatory authority without subjecting the subject property to any controls, and therefore qualifies as an HREC for the Project Study Area. This release is unlikely to impact future Project improvements. However, the presence of a diesel UST within the Project Study Area is an environmental concern if the UST requires removal or relocation.

Releases at five remaining LUST regulatory case parcels were located outside of the Project Study Area, received regulatory closure, and are considered unlikely to have caused an REC at the Project Study Area.

The existence of a natural gas transmission line within the Project Study Area does not represent an REC for the Project Study Area, however its presence does have the potential to create possible construction conflicts. The plan and profile figure included with the PES indicates that GPA and the County are aware of the presence of the natural gas transmission line. GPA and the County should notify the owner of the utility of their work to avoid any potential construction conflicts.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Geocon West, Inc. performed an ISA of the Hueneme Road Widening Project (Federal Project ID: HIPL-5956(215)) in Ventura County, California. The Project Study Area includes an approximate 2-mile-long segment of Hueneme Road from the intersection of Edison Drive to approximately ½ mile east of Rice Avenue. Exceptions to, or deletions from, this practice are described in Section 1.2 (limitations). The ISA has revealed no evidence of RECs or CRECs in connection with the Project Study Area.

Historical records indicate that the Project Study Area has included a regional thoroughfare since at least the early 1900s, which includes use during periods when lead was an ingredient in gasoline. The potential for ADL in shallow soil in the shoulders of the roads due to the historical use as an automotive thoroughfare represents an environmental concern for the Project Study Area. Any excess soil generated from construction excavations should be properly characterized for potential contaminants of concern prior to offsite reuse or disposal. An ADL survey is recommended to evaluate the potential presence of ADL in surface soils within project limits that will be disturbed during construction to assist in developing management and disposal options for soil containing potentially hazardous concentrations of lead.

Historical records indicate that properties within and adjoining the Project Study Area have been used for agriculture (orchards and row crops) since at least the early 1900s, which includes use during periods when persistent pesticides were applied to farmlands. Pesticides may have been applied to the orchard, and if so, then pesticides and associated metals such as arsenic and lead may be present in shallow soil beneath the Project Study Area. A shallow soil survey is recommended to evaluate the potential presence of pesticides and associated metals in surface soils within project limits that will be disturbed during construction to assist in developing management and disposal options for soil containing potentially hazardous concentrations of pesticides and/or metals.

Regulatory records indicate that a release of diesel impacted soil within the Project Study Area at the Verizon Mugu Central Office located at 2463 East Hueneme Road. The Case Closure Summary report for the release indicates that UST-associated product-piping leaked diesel and that it was discovered during the replacement of the product-piping. The report indicates that approximately 36 tons of soil was excavated and removed from the property, and that contaminant concentrations after remediation did not exceed the laboratory reporting limits. The County issued a no further action letter on December 23, 2003 that indicated the site investigation and corrective actions were completed. The previous release constitutes an HREC for the Project Study Area because it has been addressed to the satisfaction of the applicable regulatory authority and met unrestricted use criteria established by the applicable regulatory authority without subjecting the subject property to any controls. However, the presence of a diesel UST within the proposed parcel sliver take area is an environmental concern. Should the UST require removal/relocation and/or if excavation is planned within the near vicinity of the UST, any potentially contaminated soil encountered should be properly stockpiled and characterized to develop a waste profile prior to disposal and/or reuse.

Yellow traffic striping and pavement markings applied before 2005 potentially contained lead chromate pigment. Given that there is no assurance that striping and markings applied before 2005 have been completely removed or worn away, traffic striping and pavement markings observed within the Project Study Area generally have the potential to contain lead or chromium. Traffic striping and pavement marking waste generated by this project should be managed during construction. All striping paints should be treated as lead-containing for purposes of determining the applicability of the California Occupational Safety and Health Administration lead standard during removal activities. Used sandblasting materials or ground asphalt waste streams containing striping paint should be properly containerized and characterized to develop a waste profile prior to disposal.

Groundwater wells within the Project Study Area are potential environmental concerns as they can be conduits for contamination from the surface to enter the groundwater. Existing groundwater wells within the Project Study Area should be properly abandoned in accordance with regulatory permitting requirements if not planned for use.

One structure exists within the Project Study Area that was constructed prior to the 1980s. Structures constructed prior to 1980 have the potential to contain ACM and LBP. A survey for ACMs and LBPs should be conducted prior to planned demolition of the structure.

Pole-mounted transformers have the potential to contain fluid that includes PCBs. Removal of electrical equipment may generate hazardous waste. Utility owners maintain responsibility for transformers and other electrical equipment that may contain hazardous substances. As the owner, SCE maintains responsibility for the transformers. Evidence of a release was not observed in the vicinity of the electrical equipment during the site reconnaissance, therefore further evaluation is unwarranted at this time. However, if leaking transformers are identified during construction, the utility owner should be contacted to test for PCBs or other hazardous substances, service, replace and/or relocate the equipment.

Relocation or replacement of wooden utility poles may generate treated wood waste if the wooden posts are unable to be reused. However, it is Geocon's understanding that SCE will be overseeing the relocation and/or replacement of utility poles within the Project Study Area prior to construction.

The existence of a natural gas transmission line within the Project Study Area does not represent an REC for the Project Study Area, however its present does have the potential to create possible construction conflicts. The plan and profile figure included with the PES indicates that GPA and the County are aware of the presence of the natural gas transmission line. GPA and the County should notify the owner of the utility of their work to avoid any potential construction conflicts.

Any apparent contamination (i.e. soil staining, odor, buried debris, etc.) encountered within the construction excavations should be isolated and properly characterized for offsite disposal. Any undocumented subsurface structures (i.e. USTs, septic systems, wells, etc.) and/or abandoned or damaged asbestos coated pipe should be properly removed in accordance with regulatory reporting/permitting requirements. Groundwater generated during any construction dewatering operations should be properly contained, treated where required, and discharged under applicable regulatory permitting requirements.

7.0 REFERENCES

ASTM International, *Designation E 1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, 2021.

California Department of Conservation, Geologic Energy Management Division website, https://www.conservation.ca.gov/calgem/Pages/WellFinder.aspx, accessed September 2023.

California Division of Mines and Geology, 1975, *Seismic Hazards Study of Ventura County, California,* Open-File Report 76-5.

California Environmental Protection Agency, Department of Toxic Substances Control, EnviroStor website, http://www.envirostor.dtsc.ca.gov/public/, accessed September 2023.

California Geological Survey, *Geologic Map of California,* 2010.

California Geological Survey (CGS), Note 36, California Geomorphic Provinces, 2002.

California State Water Resources Board, GeoTracker website, http://geotracker.waterboards.ca.gov/, accessed September 2023.

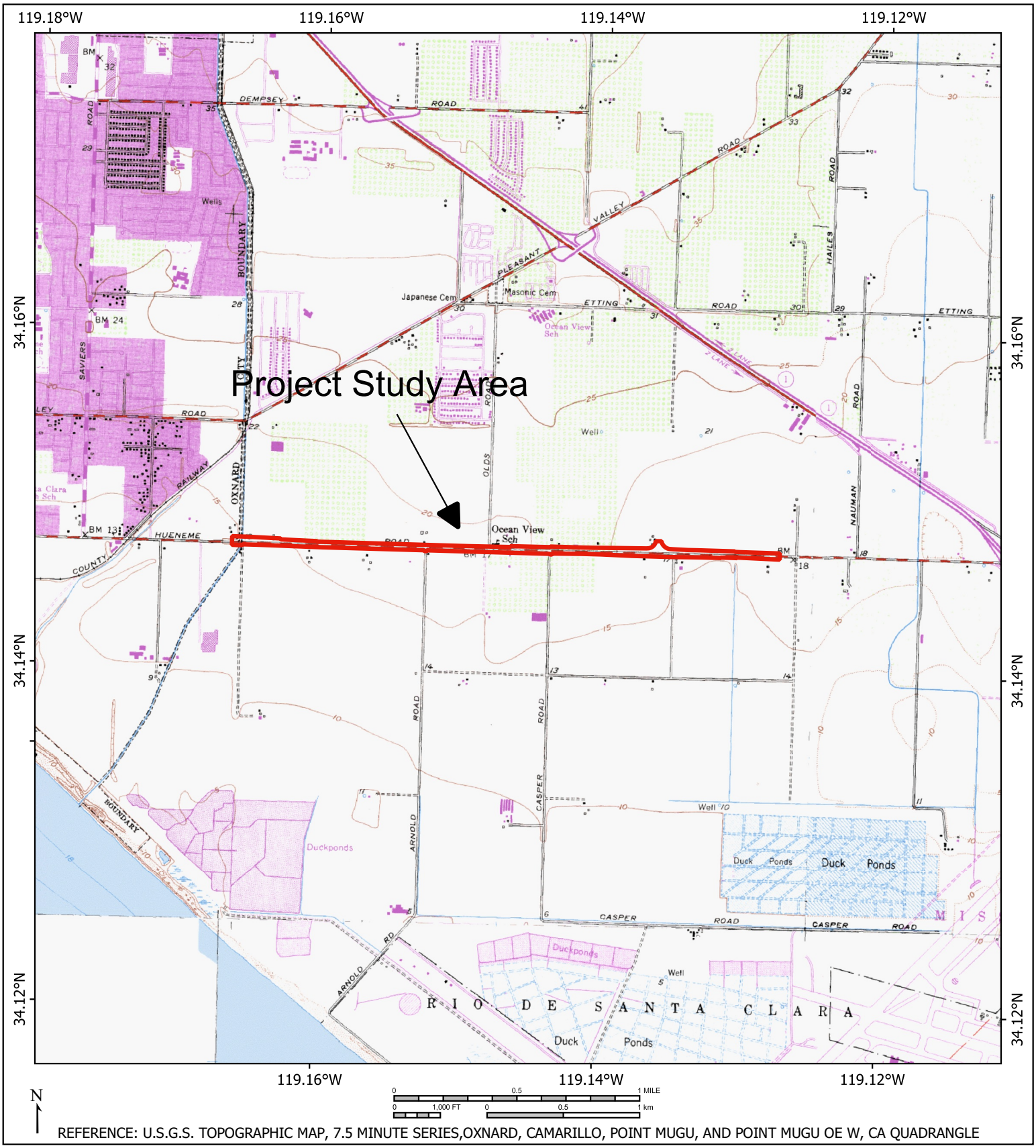
Norris, R.M. Webb, R. W., Geology of California: 2nd Edition, 1990.

Celia Z. Rosecrans, Mathew K. Landon, Peter B. McMahon, Janice M. Gillespie, Justin T. Kulongoski, Michael J. Stephens, Andrew G. Hunt, David H. Shimabukuro, Tracy A. Davis, Groundwater Quality of Aquifers Overlying the Oxnard Oil Field, Ventura County, California, Science of The Total Environment, Volume 771, 2021, https://www.sciencedirect.com/science/article/pii/S0048969720383558, accessed September 2023.

United States Department of Agriculture, Natural Resources Conservation Service website, http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx, accessed August 2023.

United States Department of Transportation, National Pipeline Mapping System, https://pvnpms.phmsa.dot.gov/PublicViewer/, accessed September 2023.

Ventura County Environmental Health Division, Online Records website, https://vcrma.org/en/online-records, accessed September 2023.



REFERENCE: U.S.G.S. TOPOGRAPHIC MAP, 7.5 MINUTE SERIES,OXNARD, CAMARILLO, POINT MUGU, AND POINT MUGU OE W, CA QUADRANGLE

GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS

500 N. VICTORY BLVD. - SUITE 100 - BURBANK, CA 91502

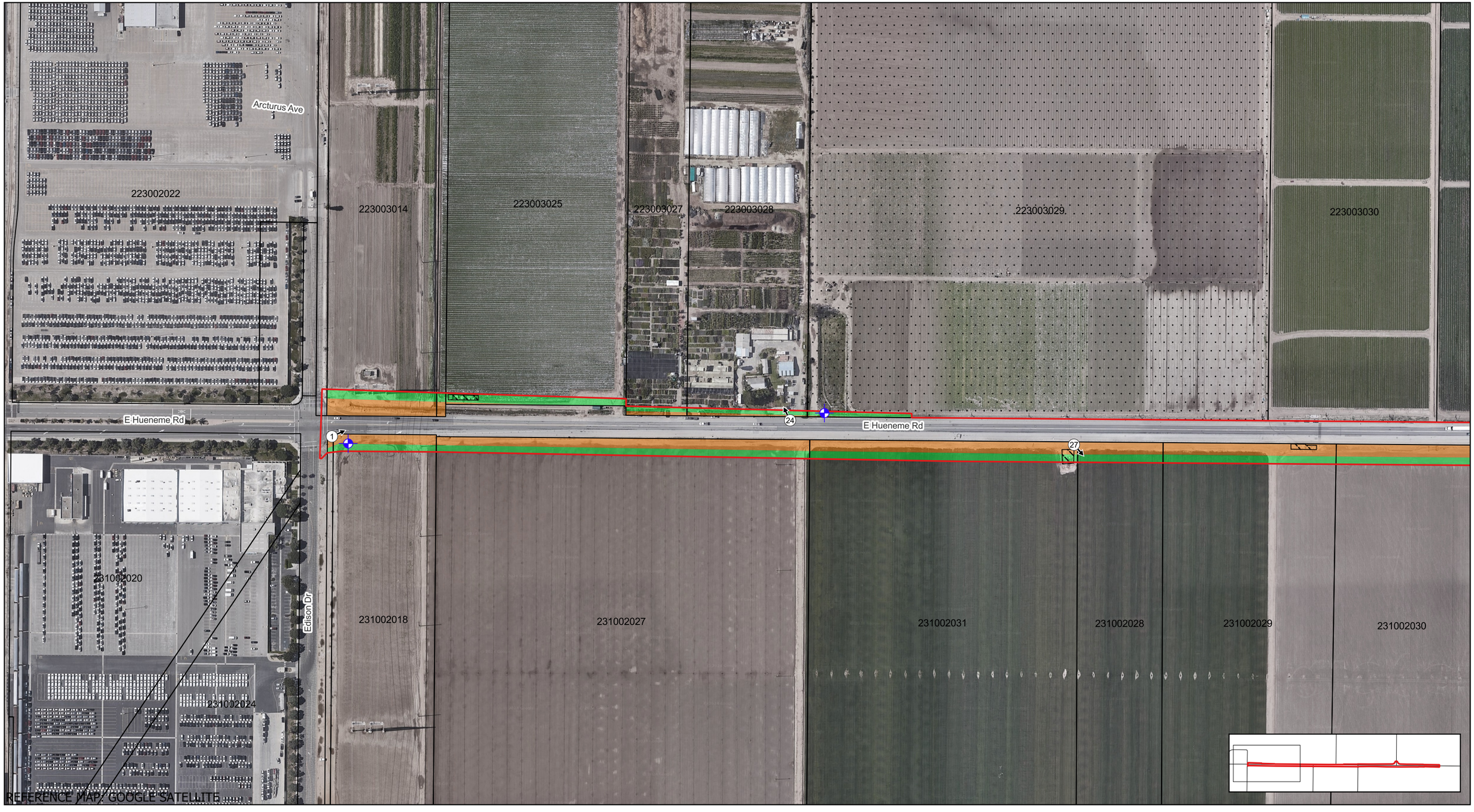
PHONE (818) 841-8388 - FAX (818) 841-1704

DRAFTED BY: ARE	CHECKED BY: JJ

VICINITY MAP

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

MARCH 2024	PROJECT NO. W1758-77-01	FIG. 1



LEGEND

- Approximate Project Study Area Limits
- Approximate Photo Location and Direction (10)
- Approximate Well Location
- Approximate Parcel Boundaries
- Approximate Proposed Sliver Take Area
- Approximate Proposed Temporary Construction Easement
- Agricultural Chemical Mixing Station
- Historical Orchard Location

0 250 500 ft

N

GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS

500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502
PHONE (818) 841.8388 - FAX (818) 841.17042

SITE PLAN

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

DRAFTED BY: ARE	CHECKED BY: JJ	MARCH 2024	PROJECT NO. W1758-77-01	FIG. 2-1

LEGEND

- Approximate Project Study Area Limits
- Approximate Photo Location and Direction (10)
- Approximate Parcel Boundaries
- Approximate Proposed Sliver Take Area
- Approximate Proposed Temporary Construction Easement
- Agricultural Chemical Mixing Station
- Pre-1980s Buildings
- Historical Orchard Location

0 250 500 ft

N

GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS

500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502
PHONE (818) 841.8388 - FAX (818) 841.17042

SITE PLAN

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

DRAFTED BY: ARE	CHECKED BY: JJ	MARCH 2024	PROJECT NO. W1758-77-01	FIG. 2-2

LEGEND

- Approximate Project Study Area Limits
- Approximate Photo Location and Direction (10)
- Approximate Well Location
- Approximate Parcel Boundaries
- Approximate Proposed Sliver Take Area
- Approximate Proposed Temporary Construction Easement
- Agricultural Chemical Mixing Station
- Pre-1980s Buildings
- Historical Orchard Location

0 250 500 ft

N

GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS

500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502
PHONE (818) 841.8388 - FAX (818) 841.17042

SITE PLAN

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

DRAFTED BY: ARE	CHECKED BY: JJ	MARCH 2024	PROJECT NO. W1758-77-01	FIG. 2-3

LEGEND

- Approximate Project Study Area Limits
- Approximate Photo Location and Direction
- Approximate Well Location
- Approximate Parcel Boundaries
- Approximate Proposed Sliver Take Area
- Approximate Proposed Temporary Construction Easement
- Pre-1980s Buildings

0 250 500 ft

N

GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS

500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502
PHONE (818) 841.8388 - FAX (818) 841.17042

SITE PLAN

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

DRAFTED BY: ARE	CHECKED BY: JJ	MARCH 2024	PROJECT NO. W1758-77-01	FIG. 2-4

Photo 1 — View to the northeast from western Project Study Area limits

Photo 2 — View to the west from near Arnold Road intersection

GEOCON
WEST, INC.
ENVIRONMENTAL GEOTECHNICAL MATERIALS
500 NORTH VICTORY BOULEVARD, BURBANK, CALIFORNIA 91502
PHONE 818.841.8388 – FAX 818.841.1704

SITE PHOTOGRAPHS

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

Photo 3 — View to the northwest of Olds Road intersection

Photo 4 — View to the northwest near central portion of Project Study Area

Photo 5 — View to the east near Casper Road intersection

Photo 6 — View to the west near eastern Project Study Area limits

GEOCON
WEST, INC.
ENVIRONMENTAL GEOTECHNICAL MATERIALS
500 NORTH VICTORY BOULEVARD, BURBANK, CALIFORNIA 91502
PHONE 818.841.8388 – FAX 818.841.1704

SITE PHOTOGRAPHS

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

Photo 7 — View to the east of Rice Avenue intersection

Photo 8 — Drainage ditch present along northern portion of Hueneme Road right-of-way (ROW)

Photo 9 — Drainage ditch present along northern portion of Hueneme Road ROW and fallow land

Photo 10 — Example of underground utility marker post within Project Study Area

Photo 11 — Southland Sod Farms office building near central portion of Project Study Area

Photo 12 — Utility building near central portion of Project Study Area

GEOCON
WEST, INC.
ENVIRONMENTAL GEOTECHNICAL MATERIALS
500 NORTH VICTORY BOULEVARD, BURBANK, CALIFORNIA 91502
PHONE 818.841.8388 – FAX 818.841.1704

SITE PHOTOGRAPHS

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

Photo 13 — Packing facility near eastern Project Study Area limits

Photo 14 — Diesel underground storage tank in central portion of Project Study Area located at 2463 Hueneme Road, Verizon Mugu Central Office

Photo 15 — Pad-mounted transformers in central portion of Project Study Area near utility building

Photo 16 — Agricultural mixing station, aboveground storage tanks (AST), and groundwater pump west of Rice Avenue intersection

Photo 17 — Agricultural mixing station, AST, and chemical storage within proposed ROW acquisition

Photo 18 — Agricultural mixing station, AST, and pre-1980s building within proposed ROW acquisition

Photo 19 — Agricultural mixing station, ASTs, and groundwater pump within and adjacent to the Project Study Area

Photo 20 — Sulfuric Acid AST located in the agricultural mixing station west of Rice Avenue

Photo 21 — Potentially impacted soil constituting a de minimis condition at the base of the sulfuric acid AST

Photo 22 — Potential groundwater well west of Olds Road within the Project Study Area

Photo 23 — Signage indicating application of chloropicrin, a soil fumigant, to a field adjacent to the Project Study Area

Photo 24 — Roadside produce and flower shop adjacent to Project Study Area

Photo 25 — Typical irrigation equipment and greenhouse crop adjacent to Project Study Area

Photo 26 — Typical row crop within and adjacent to the Project Study Area

Photo 27 — Typical sod farm within and adjacent to Project Study Area

Photo 28 — Typical trailer mounted ASTs observed adjacent to the Project Study Area

APPENDIX A

W1758-77-01

Hueneme Rd

Oxnard, CA 93033

Inquiry Number: 7403279.6

August 01, 2023

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

08/01/23

Site Name:	Client Name:
W1758-77-01	Geocon Geotechnical & Env
Hueneme Rd	500 N. Victory Boulevard
Oxnard, CA 93033	Burbank, CA 91501
EDR Inquiry # 7403279.6	Contact: Adrian Escobar

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

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

Certified Sanborn Results:

Certification # 89BA-4DBB-9A35

PO # NA

Project W1758-77-01

UNMAPPED PROPERTY

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

Sanborn® Library search results

Certification #: 89BA-4DBB-9A35

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

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

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Geocon Geotechnical & Env (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT. Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2023 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

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

APPENDIX B

W1758-77-01

Hueneme Rd

Oxnard, CA 93033

Inquiry Number: 7403279.5

August 03, 2023

EDR Historical Topo Map Report

with QuadMatch™

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

EDR Historical Topo Map Report

08/03/23

Site Name:	Client Name:
W1758-77-01	Geocon Geotechnical & Env
Hueneme Rd	500 N. Victory Boulevard
Oxnard, CA 93033	Burbank, CA 91501
EDR Inquiry # 7403279.5	Contact: Adrian Escobar

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

Search Results:		*Coordinates:*	
P.O.#	NA	**Latitude:**	34.147364 34° 8' 51" North
Project:	W1758-77-01	**Longitude:**	-119.1667 -119° 10' 0" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	300238.38
		UTM Y Meters:	3780616.38
		Elevation:	17.00' above sea level

Maps Provided:

2018	1904
2015	
2012	
1967	
1951	
1949	
1947	
1943	

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT. Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2023 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

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

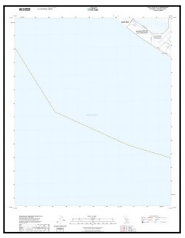
Topo Sheet Key

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

2018 Source Sheets

Oxnard
2018
7.5-minute, 24000

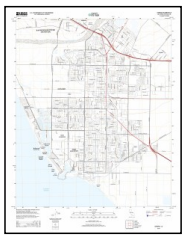
Camarillo
2018
7.5-minute, 24000



Point Mugu OE W
2018
7.5-minute, 24000

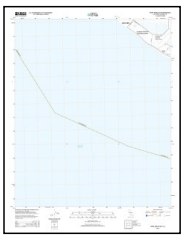
Point Mugu
2018
7.5-minute, 24000

2015 Source Sheets



Oxnard
2015
7.5-minute, 24000

Camarillo
2015
7.5-minute, 24000

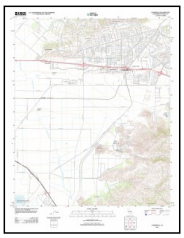


Point Mugu OE W
2015
7.5-minute, 24000

Point Mugu
2015
7.5-minute, 24000

2012 Source Sheets

Oxnard
2012
7.5-minute, 24000



Camarillo
2012
7.5-minute, 24000

Point Mugu OE W
2012
7.5-minute, 24000

Point Mugu
2012
7.5-minute, 24000

1967 Source Sheets

Camarillo
1967
7.5-minute, 24000
Aerial Photo Revised 1967

Oxnard
1967
7.5-minute, 24000
Aerial Photo Revised 1967

Point Mugu
1967
7.5-minute, 24000
Aerial Photo Revised 1967

Topo Sheet Key

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

1951 Source Sheets

Oxnard
1951
7.5-minute, 24000
Aerial Photo Revised 1947

Camarillo
1951
7.5-minute, 24000
Aerial Photo Revised 1947

1949 Source Sheets

Point Mugu
1949
7.5-minute, 24000
Aerial Photo Revised 1947

Oxnard
1949
7.5-minute, 24000
Aerial Photo Revised 1947

1947 Source Sheets

HUENEME
1947
15-minute, 50000

1943 Source Sheets

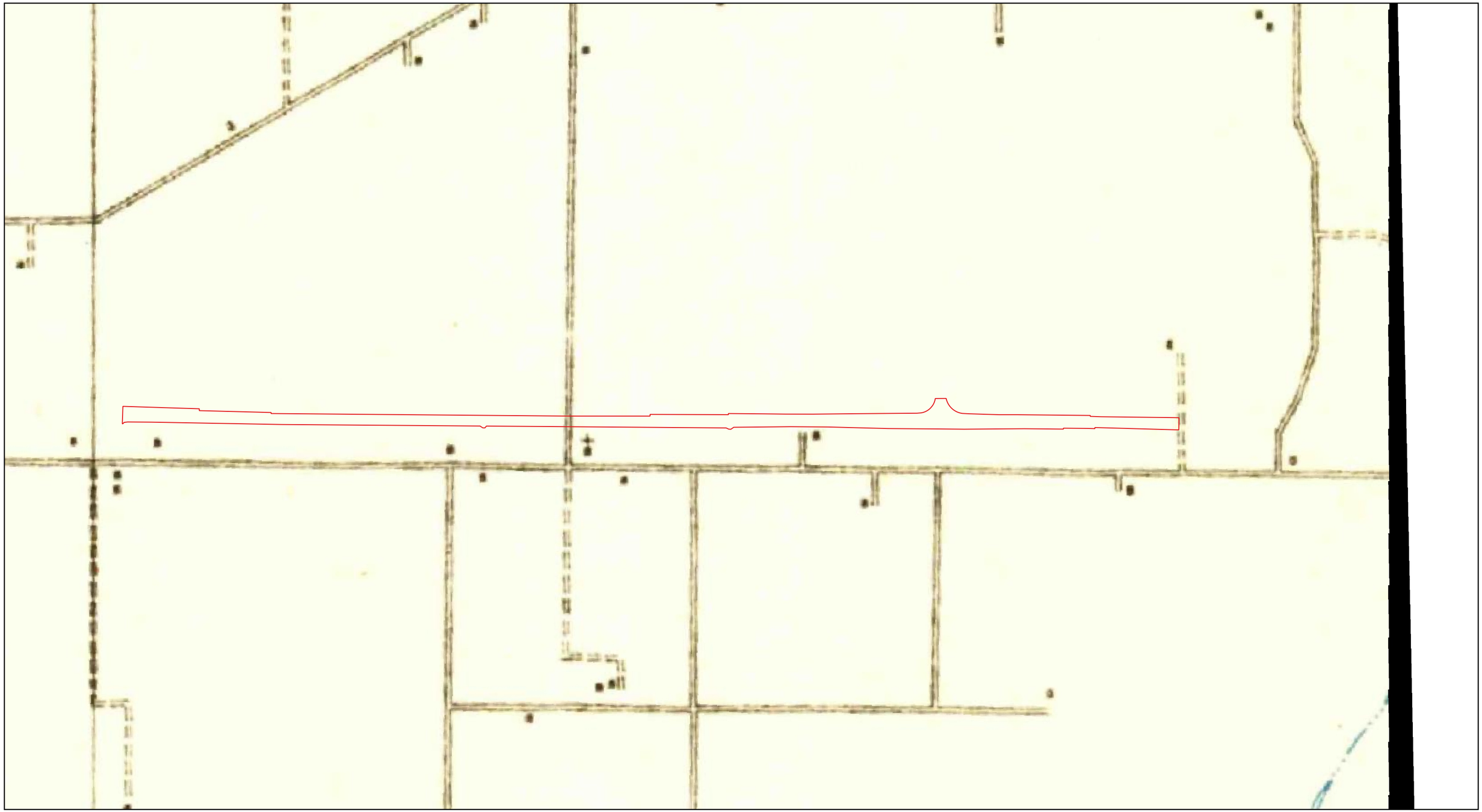
Hueneme
1943
15-minute, 62500
Aerial Photo Revised 1938

Topo Sheet Key

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

1904 Source Sheets

Hueneme
1904
15-minute, 62500



GEOCON WEST, INC.

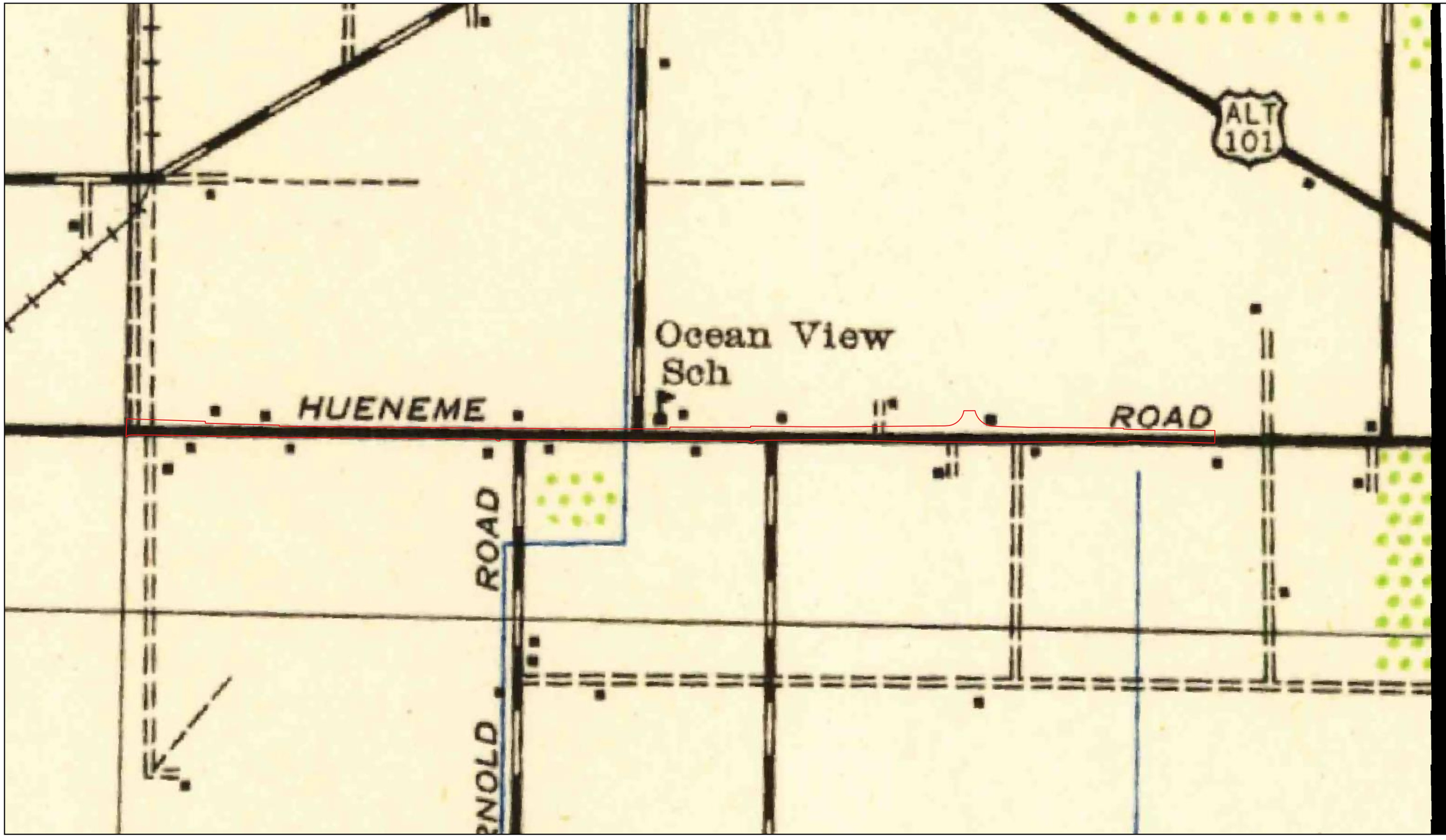
ENVIRONMENTAL GEOTECHNICAL MATERIALS

500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502
PHONE (818) 841.8388 - FAX (818) 841.17042

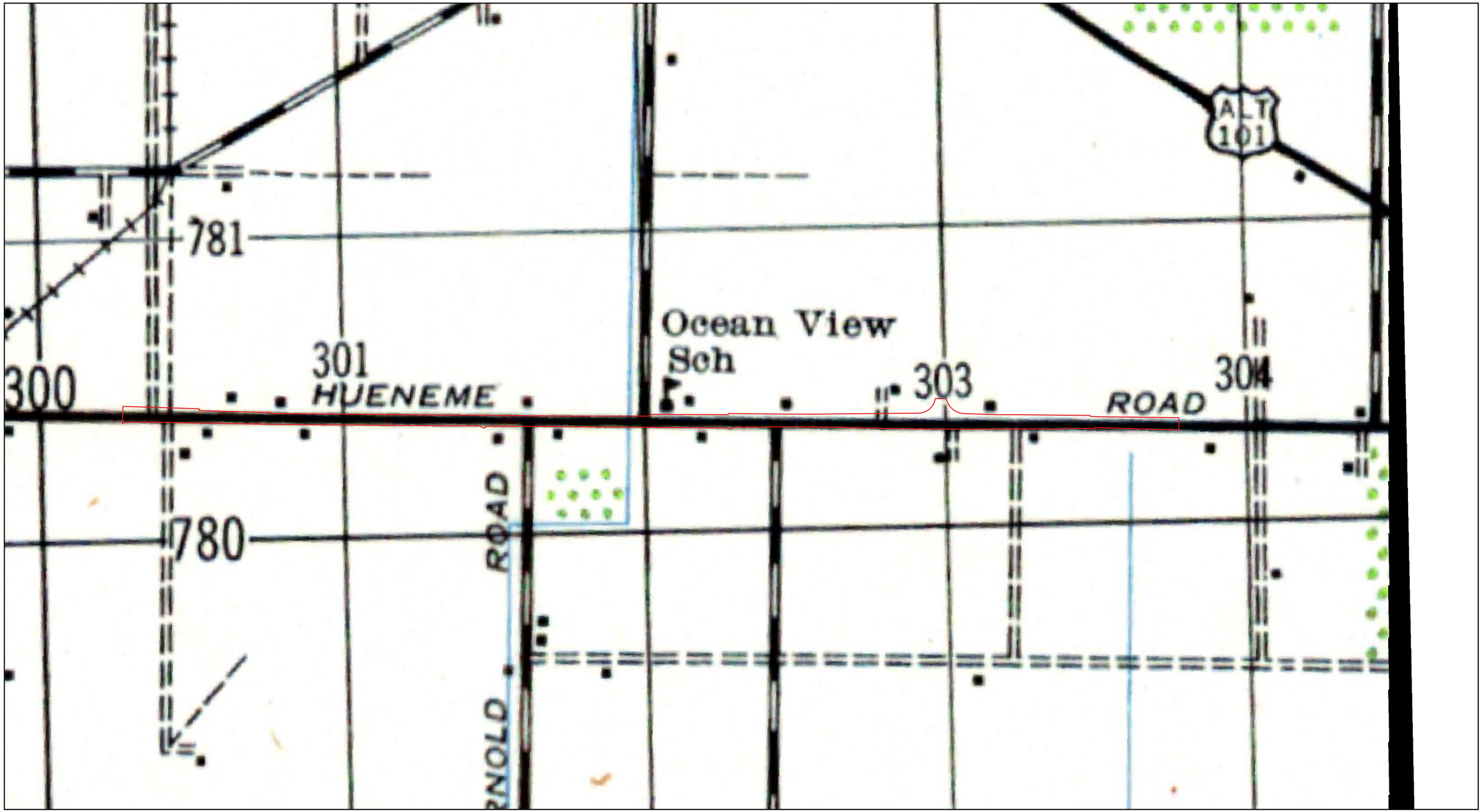
HISTORICAL TOPOGRAPHIC MAP - 1904

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

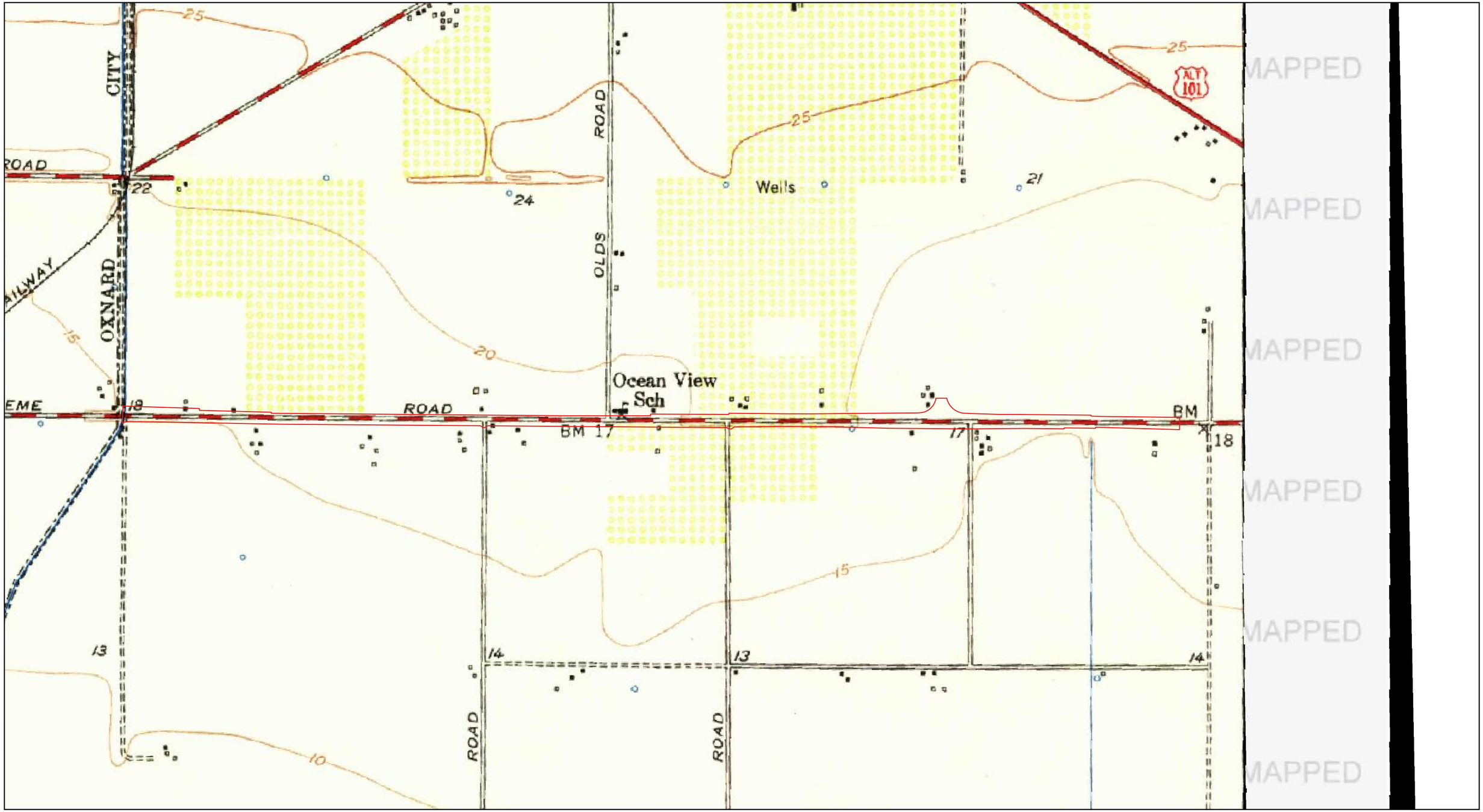
DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. C-1



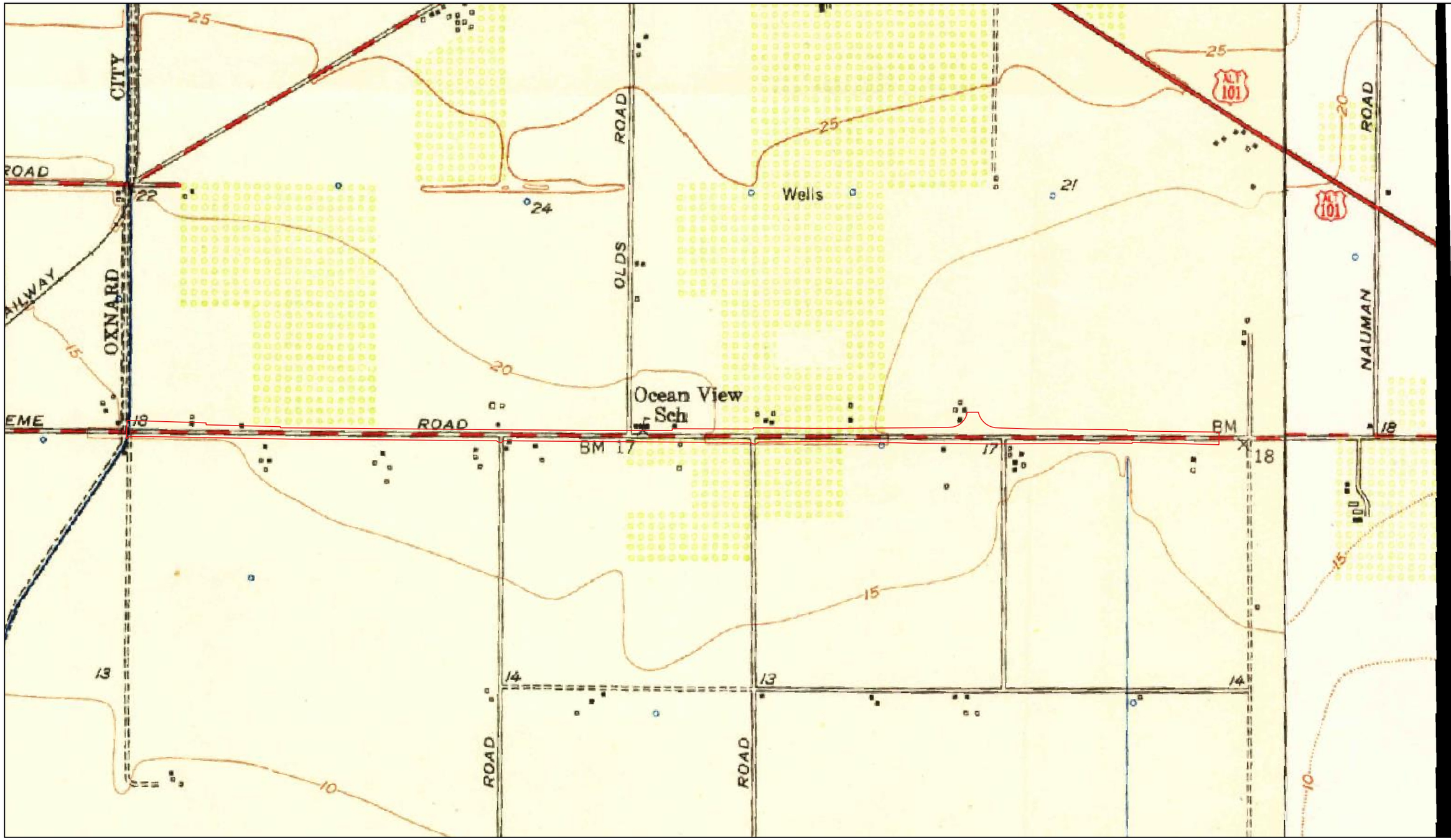
GEOCON WEST, INC.		HISTORICAL TOPOGRAPHIC MAP - 1943		
ENVIRONMENTAL GEOTECHNICAL MATERIALS 500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502 PHONE (818) 841.8388 - FAX (818) 841.17042		HUENEME ROAD WIDENING PROJECT VENTURA COUNTY, CALIFORNIA		
DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. C-2



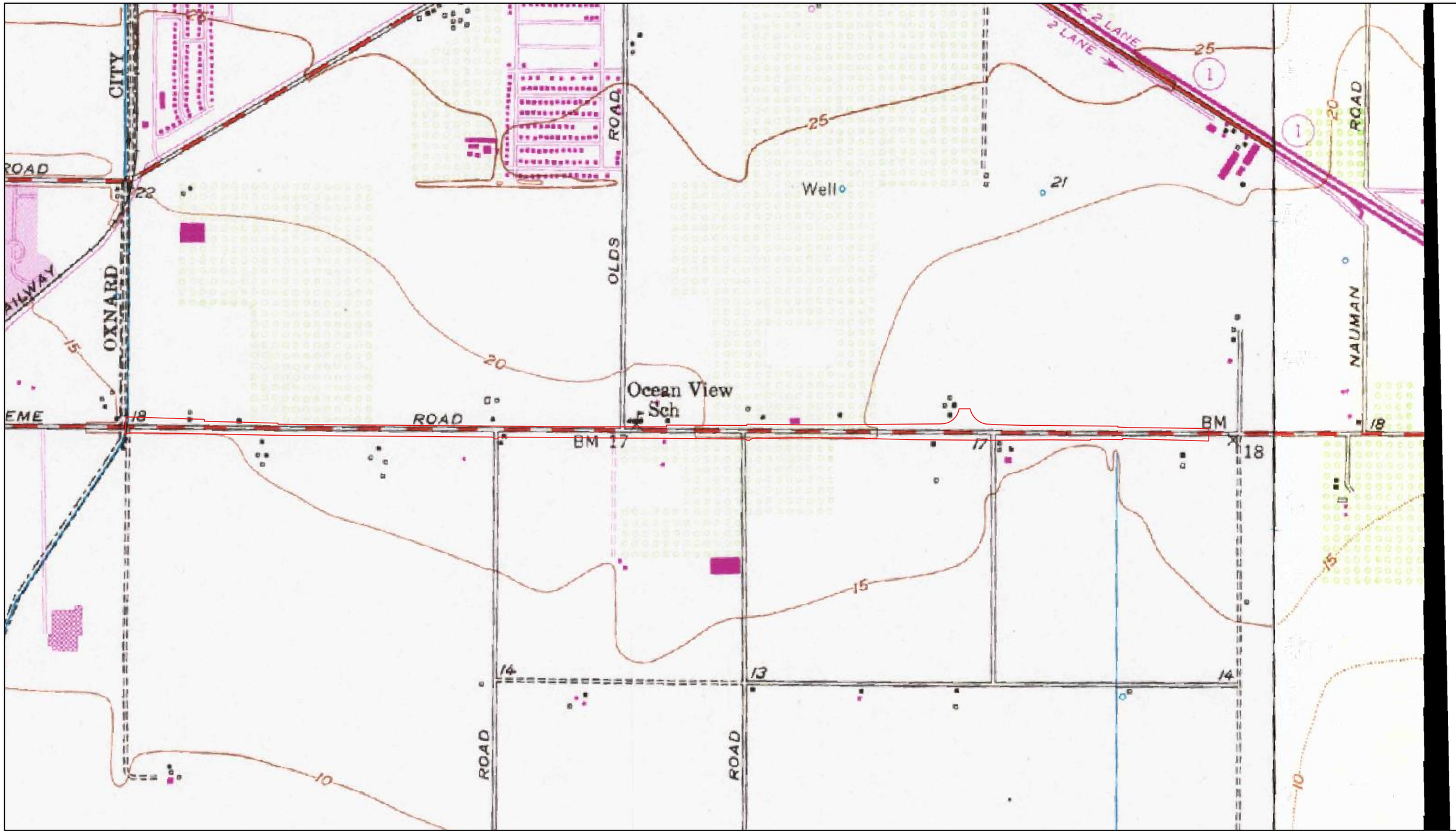
GEOCON WEST, INC.		HISTORICAL TOPOGRAPHIC MAP - 1947		
ENVIRONMENTAL GEOTECHNICAL MATERIALS 500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502 PHONE (818) 841.8388 - FAX (818) 841.17042		HUENEME ROAD WIDENING PROJECT VENTURA COUNTY, CALIFORNIA		
DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. C-3



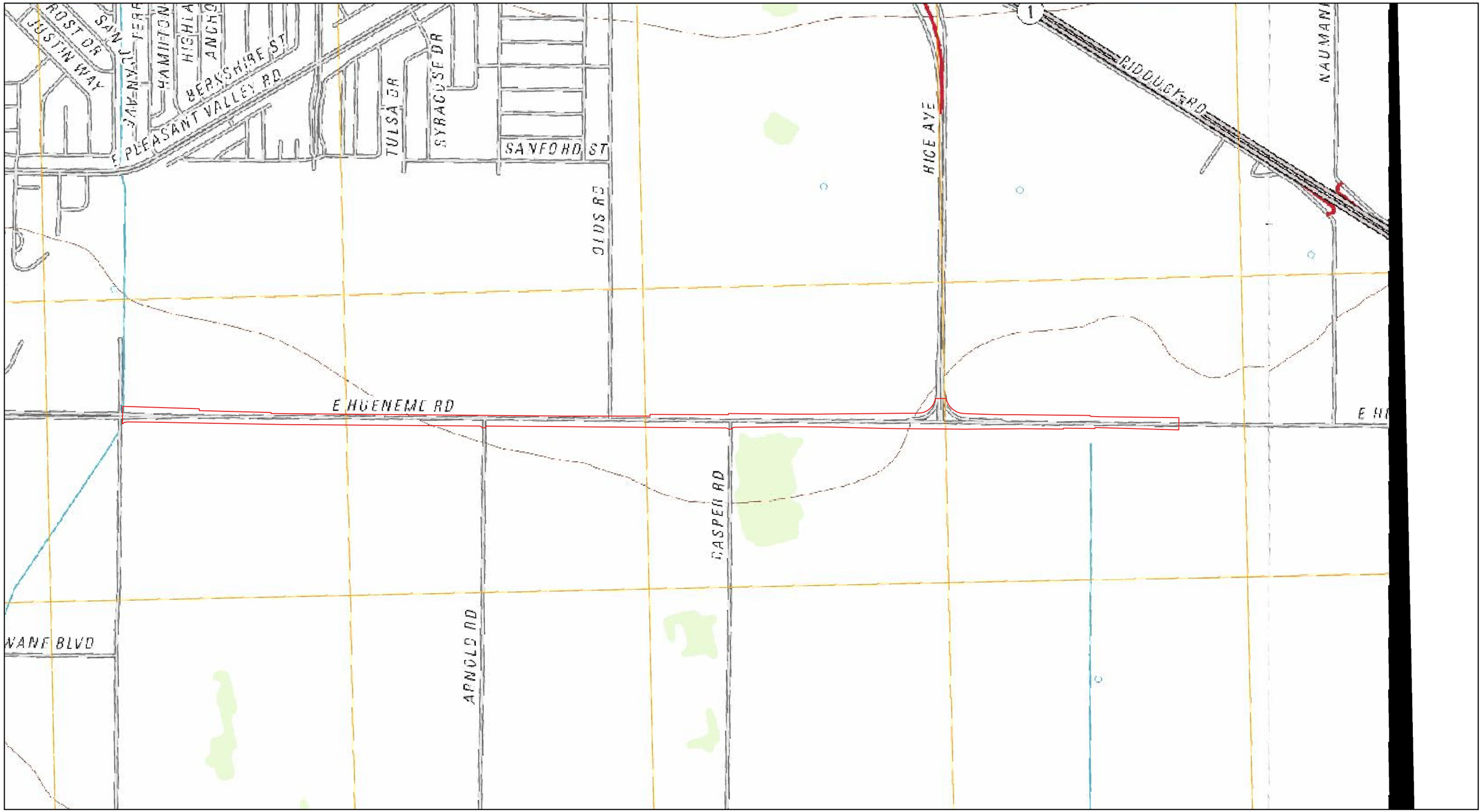
GEOCON WEST, INC.		HISTORICAL TOPOGRAPHIC MAP - 1949		
ENVIRONMENTAL GEOTECHNICAL MATERIALS 500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502 PHONE (818) 841.8388 - FAX (818) 841.17042		HUENEME ROAD WIDENING PROJECT VENTURA COUNTY, CALIFORNIA		
DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. C-4



GEOCON WEST, INC.		HISTORICAL TOPOGRAPHIC MAP - 1951		
ENVIRONMENTAL GEOTECHNICAL MATERIALS 500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502 PHONE (818) 841.8388 - FAX (818) 841.17042		HUENEME ROAD WIDENING PROJECT VENTURA COUNTY, CALIFORNIA		
DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. C-5



GEOCON WEST, INC.			HISTORICAL TOPOGRAPHIC MAP - 1967	
ENVIRONMENTAL GEOTECHNICAL MATERIALS 500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502 PHONE (818) 841.8388 - FAX (818) 841.17042			HUENEME ROAD WIDENING PROJECT VENTURA COUNTY, CALIFORNIA	
DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. C-6



GEOCON WEST, INC.

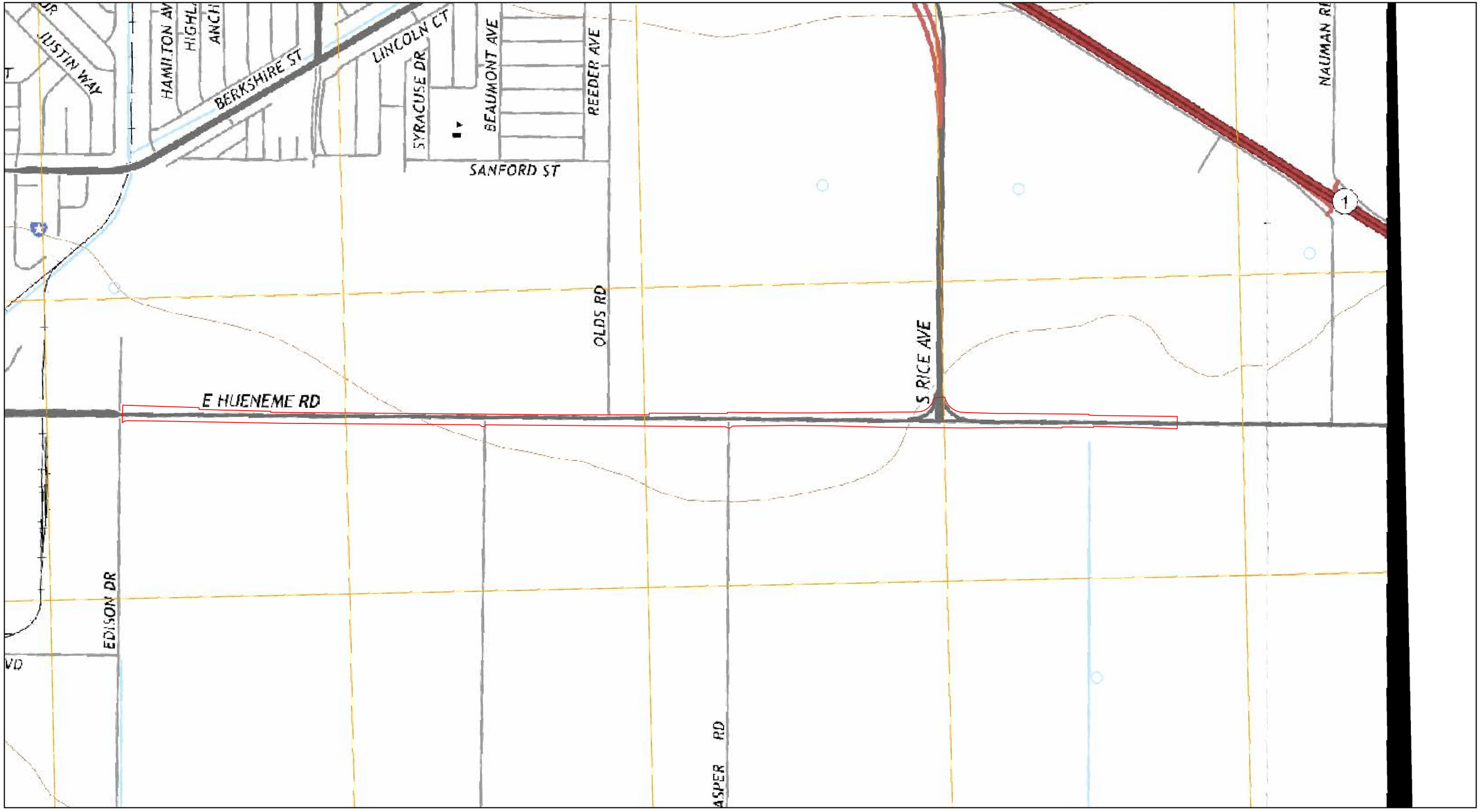
ENVIRONMENTAL GEOTECHNICAL MATERIALS

500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502
PHONE (818) 841.8388 - FAX (818) 841.17042

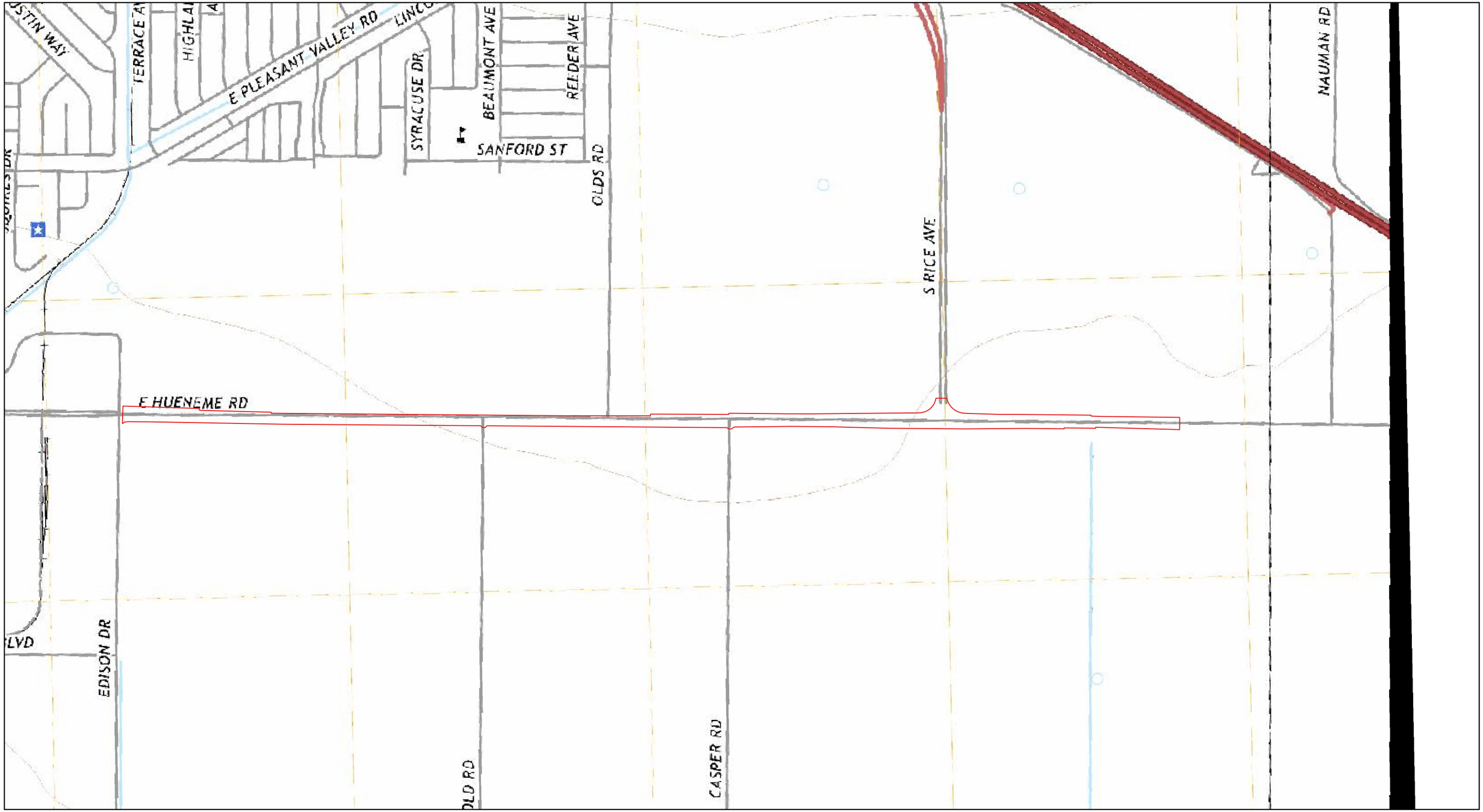
HISTORICAL TOPOGRAPHIC MAP - 2012

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. C-7



GEOCON WEST, INC.		HISTORICAL TOPOGRAPHIC MAP - 2015		
ENVIRONMENTAL GEOTECHNICAL MATERIALS 500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502 PHONE (818) 841.8388 - FAX (818) 841.17042		HUENEME ROAD WIDENING PROJECT VENTURA COUNTY, CALIFORNIA		
DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. C-8



GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS

500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502
PHONE (818) 841.8388 - FAX (818) 841.17042

HISTORICAL TOPOGRAPHIC MAP - 2018

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. C-9

APPENDIX C

W1758-77-01

Hueneme Rd

Oxnard, CA 93033

Inquiry Number: 7403279.8

August 03, 2023

The EDR Aerial Photo Decade Package

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

Date EDR Searched Historical Sources:

Aerial Photography August 03, 2023

Target Property:

Hueneme Rd

Oxnard, CA 93033

Year	***Scale***	***Details***	***Source***
1938	Aerial Photograph. Scale: 1"=1875'	Flight Year: 1938	USDA
1947	Aerial Photograph. Scale: 1"=1875'	Flight Year: 1947	USGS
1953	Aerial Photograph. Scale: 1"=1875'	Flight Year: 1953	USDA
1959	Aerial Photograph. Scale: 1"=1875'	Flight Year: 1959	USDA
1967	Aerial Photograph. Scale: 1"=1875'	Flight Year: 1967	USGS
1976	Aerial Photograph. Scale: 1"=1875'	Flight Year: 1976	USGS
1978	Aerial Photograph. Scale: 1"=1875'	Flight Year: 1978	USDA
1985	Aerial Photograph. Scale: 1"=1875'	Flight Year: 1985	USDA
1994	Aerial Photograph. Scale: 1"=1875'	Flight Year: 1994	USGS/DOQQ
2005	Aerial Photograph. Scale: 1"=1875'	Flight Year: 2005	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=1875'	Flight Year: 2009	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=1875'	Flight Year: 2012	USDA/NAIP
2016	Aerial Photograph. Scale: 1"=1875'	Flight Year: 2016	USDA/NAIP
2020	Aerial Photograph. Scale: 1"=1875'	Flight Year: 2020	USDA/NAIP

GEOCON WEST, INC.		HISTORICAL AERIAL PHOTOGRAPH - 1938		
ENVIRONMENTAL GEOTECHNICAL MATERIALS 500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502 PHONE (818) 841.8388 - FAX (818) 841.17042		HUENEME ROAD WIDENING PROJECT VENTURA COUNTY, CALIFORNIA		
DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. D-1

GEOCON WEST, INC.

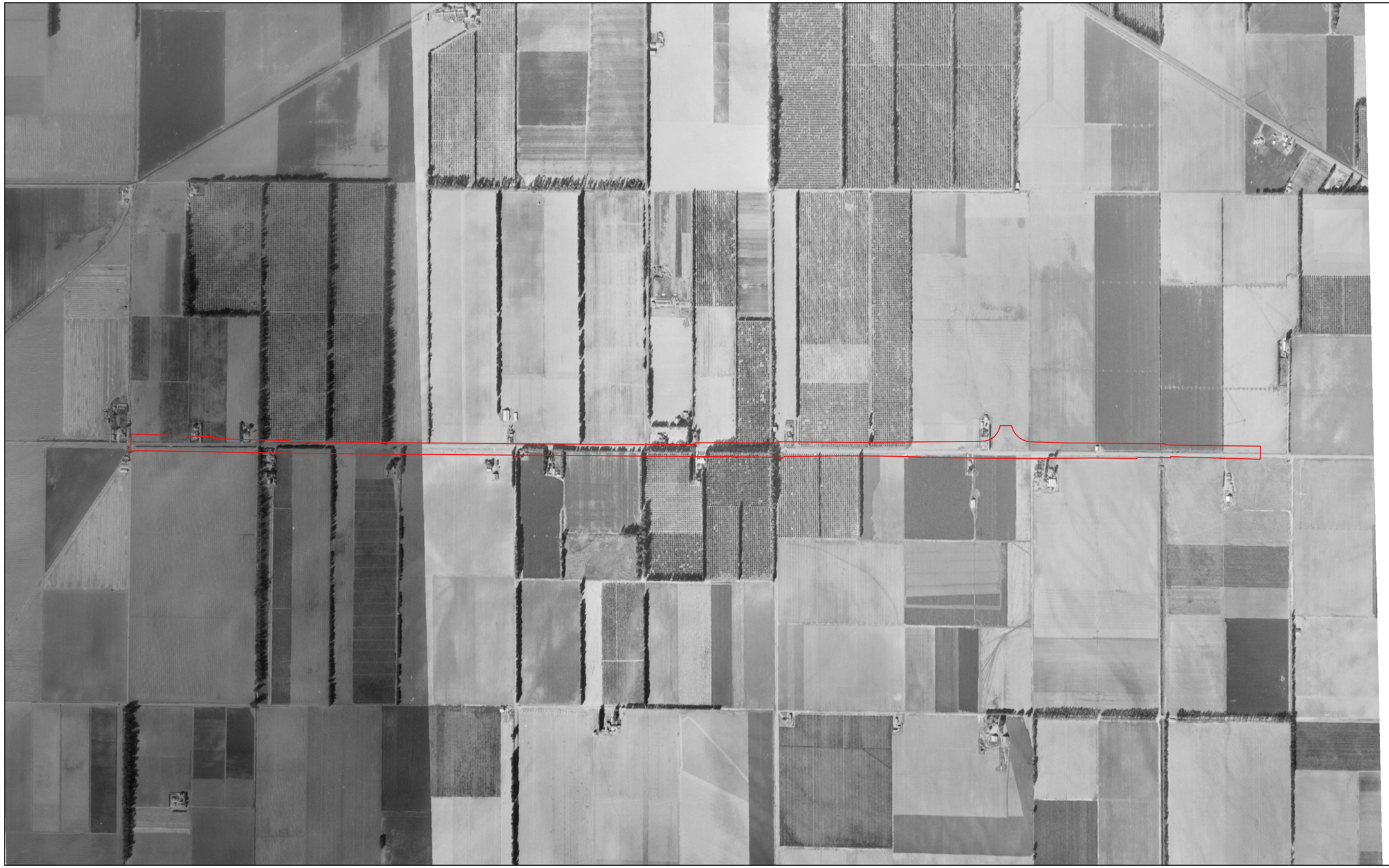
ENVIRONMENTAL GEOTECHNICAL MATERIALS

500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502
PHONE (818) 841.8388 - FAX (818) 841.17042

HISTORICAL AERIAL PHOTOGRAPH - 1947

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. D-2



GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS

500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502
PHONE (818) 841.8388 - FAX (818) 841.17042

HISTORICAL AERIAL PHOTOGRAPH - 1953

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. D-3

GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS

500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502
PHONE (818) 841.8388 - FAX (818) 841.17042

HISTORICAL AERIAL PHOTOGRAPH - 1959

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. D-4

GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS

500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502
PHONE (818) 841.8388 - FAX (818) 841.17042

HISTORICAL AERIAL PHOTOGRAPH - 1967

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. D-5

GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS

500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502
PHONE (818) 841.8388 - FAX (818) 841.17042

HISTORICAL AERIAL PHOTOGRAPH - 1976

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. D-6

GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS

500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502
PHONE (818) 841.8388 - FAX (818) 841.17042

HISTORICAL AERIAL PHOTOGRAPH - 1978

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. D-7

GEOCON WEST, INC.

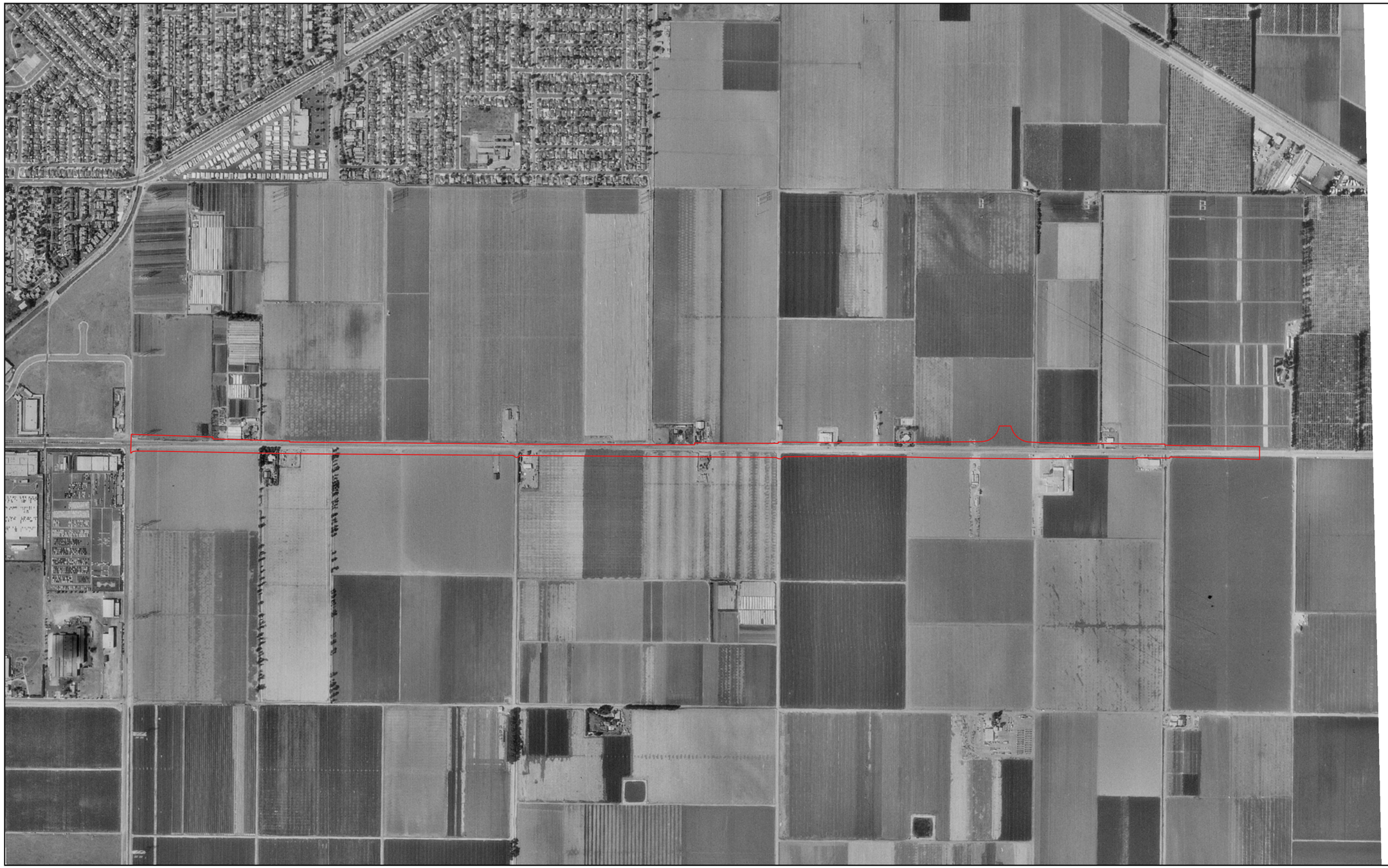
ENVIRONMENTAL GEOTECHNICAL MATERIALS

500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502
PHONE (818) 841.8388 - FAX (818) 841.17042

HISTORICAL AERIAL PHOTOGRAPH - 1985

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. D-8



GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS

500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502
PHONE (818) 841.8388 - FAX (818) 841.17042

HISTORICAL AERIAL PHOTOGRAPH - 1994

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. D-9

GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS

500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502
PHONE (818) 841.8388 - FAX (818) 841.17042

HISTORICAL AERIAL PHOTOGRAPH - 2005

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. D-10

GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS

500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502
PHONE (818) 841.8388 - FAX (818) 841.17042

HISTORICAL AERIAL PHOTOGRAPH - 2009

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. D-11

GEOCON WEST, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS

500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502
PHONE (818) 841.8388 - FAX (818) 841.17042

HISTORICAL AERIAL PHOTOGRAPH - 2012

HUENEME ROAD WIDENING PROJECT
VENTURA COUNTY, CALIFORNIA

DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. D-12

GEOCON WEST, INC.		HISTORICAL AERIAL PHOTOGRAPH - 2016		
ENVIRONMENTAL GEOTECHNICAL MATERIALS 500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502 PHONE (818) 841.8388 - FAX (818) 841.17042		HUENEME ROAD WIDENING PROJECT VENTURA COUNTY, CALIFORNIA		
DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. D-13

GEOCON WEST, INC.		HISTORICAL AERIAL PHOTOGRAPH - 2020		
ENVIRONMENTAL GEOTECHNICAL MATERIALS 500 NORTH VICTORY BOULEVARD, BURBANK, CA 91502 PHONE (818) 841.8388 - FAX (818) 841.17042		HUENEME ROAD WIDENING PROJECT VENTURA COUNTY, CALIFORNIA		
DRAFTED BY: ARE	CHECKED BY: MPC	SEPTEMBER 2023	PROJECT NO. W1758-77-01	APP. D-14

APPENDIX D

W1758-77-01
Hueneme Road
Oxnard, CA 93033

Inquiry Number: 7432304.2
September 05, 2023

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

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

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. **NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT.** Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2023 by Environmental Data Resources, LLC. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, LLC, or its affiliates, is prohibited without prior written permission.

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

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2020	☑	☐	EDR Digital Archive
2017	☑	☐	Cole Information
2014	☑	☐	Cole Information
2010	☑	☐	Cole Information
2005	☑	☐	Cole Information
2000	☑	☐	Cole Information
1995	☑	☐	Cole Information
1992	☑	☐	Cole Information
1990	☑	☐	Haines Criss-Cross Directory
1985	☑	☐	Haines Criss-Cross Directory
1981	☑	☐	Haines Criss-Cross Directory
1977	☐	☐	Polks City Directory

FINDINGS

TARGET PROPERTY STREET

Hueneme Road
Oxnard, CA 93033

Year	CD Image	Source	
E HUENEME RD			
2020	pg A1	EDR Digital Archive	
2017	pg A2	Cole Information	
2014	pg A3	Cole Information	
2010	pg A4	Cole Information	
2005	pg A5	Cole Information	
2000	pg A6	Cole Information	
1995	pg A7	Cole Information	
1992	pg A8	Cole Information	
1990	pg A9	Haines Criss-Cross Directory	
1985	pg A10	Haines Criss-Cross Directory	
1981	pg A11	Haines Criss-Cross Directory	
1977	-	Polks City Directory	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E HUENEME RD 2020

307	PIZZA MAN DAN
320	HOSKINS BROTHERS
600	JOAN PORTEOUS
	LINDA PORTEOUS
	PAUL PORTEOUS
	SAN MIGUEL PRODUCE
707	CLOUDBURST INC
	MIST & COOL
	NEBTEC LLC
1531	BETTY REINHART
	JAMES KATSUDA
	JOHN REINHART
	RUBY ISHIMOTO
	RUBY KATSUDA
	VIM KATSUDA
1850	PRIMORDIAL SOLUTIONS
2281	CRUZ ORTIZ
	EDGAR ORTIZ
	GLORIA ORTIZ
2599	MARATHON LAND INC
	SOUTHLAND SOD FARMS
2840	LAUBACHER BERRY FARMS
3250	NAUMANN PROPERTIES
3478	LIDIA GONZALEZ
3939	DRISCOLL STRAWBERRY
	DRISCOLLS
3979	CHELSEA DAVIS
	DAVIS DAVID
	KEIKO KIRBY
	STEVEN DAVIS
3980	IGNACIO RAMOS
	JESUS RAMOS
4279	SKYLINE FLOWER GROWERS-SHPPRS
	THOMAS GOLDBERG
4421	BRIANNE KENNEDY
	RYAN KENNEDY
4531	ANACAPA ARGO TECH SUPPLY INC

Target Street	Cross Street	Source
✓	-	Cole Information

E HUENEME RD 2017

320	HOSKINS BROS TRUCKNG
600	CADCO DENTAL PRODUCTS INC AKA DUX SA
	VETTEC
707	KDC II
720	TSA INC
1531	REINHART, JOHN K
	WENDYS NURSERY
1850	ABC ORGANICS
	EAST FARMS
2200	OCEAN VIEW PRODUCE CO
2281	CENTENO, AURELIO G
2463	WESTSIDE STRAWBERRY FARM CORP
2599	SOUTHLAND SOD FARMS
2840	LAUBACHER FARMS
3250	NAUMANN PROPERTIES
3391	DRISCOLL STRAWBERRY ASSOCIATES
3912	SPRIG B
3939	BERRY PACK INC
	DRISCOLL STRAWBERRY ASSOCIATES
	DRISCOLLS
3980	RAMOS, IGNACIO J
4279	SKYLINE FLOWER GROWERS & SHIPPERS
4531	ANACAPA ARGOTECH SUPPLY INC
4710	DE BUSSCHERE RANCH SHOP
	DEBUSSCHERE, ALBERT
4720	BOWMAN, SARAH

Target Street	Cross Street	Source
✓	-	Cole Information

E HUENEME RD 2014

320	HOSKINS BROS TRUCKNG
381	FRANCO, CAMILA G
600	CADCO DENTAL PRODUCTS INC AKA DUX SA
	CLIVE CRAIG COMPANY AKA DUX SALES
	DUX SALES
	VETTEC
614	ROMAN, EDWARD
707	KDC II
789	ROMERO, DOUG B
1531	KATSUDA, JOHN T
	S K FLOWER GROWERS
	WENDYS NURSERY
1835	ITO, GEORGE
1850	EAST FARMS
2221	GARCIA, RAMON
2281	ORTIZ, CRUZ A
2463	PENSKE TRUCK RENTAL
2599	SOUTHLAND SOD FARMS
2840	LAUBACHER FARMS
3000	OCEAN VIEW PRODUCE CO
3250	NAUMANN RANCH
3391	REITER BROTHERS INC
3393	OCCUPANT UNKNOWN,
3912	SPRIG B
3939	BERRY PACK INC
	DRISCOLL STRAWBERRY ASSOCIATES
	DRISCOLLS
3950	OCCUPANT UNKNOWN,
3980	RAMOS, IGNACIO J
4261	MAGALLANES, MAGDALENA
4279	SKYLINE FLOWER GROWERS & SHIPPERS
4531	ANACAPA ARGOTECH SUPPLY INC
4710	DE BUSSCHERE RANCH SHOP
	GLYNN, JONATHAN E
4720	BOWMAN, SARAH

Target Street	Cross Street	Source
✓	-	Cole Information

E HUENEME RD 2010

320	HOSKINS BROTHERS
381	FRANCO, CAMILA G
600	CADCO DENTAL PRODUCTS INC
	CLIVE CRAIG CO
	CRAIG CLIVE CO
	DUX DENTAL
	DUX SALES
	VAN R DENTAL PRODUCTS INC
	VETTEC INC
614	ROMAN, EDWARD
707	CLOUDBURST INC
	KDC II
765	CARTER, EARL J
789	ROMERO, DOUG B
1531	ISHIMOTO, RUBY M
	SK FLOWER GROWERS
	WENDYS NURSERY
2221	GARCIA, RAMON
2281	ORTIZ, CRUZ A
2292	SOLIMAR FARMS INC
2463	SANFORD NITA
	SANFORD, NITA
2840	LAUBACHER BERRY FARMS
3000	OCEAN VIEW PRODUCE CO
3250	NAUMANN PROPERTIES
3300	NAUMANN, RICHARD W
3391	OCCUPANT UNKNOWN,
	REITER BROTHERS INC
3912	SPRIG, B
3939	BERRY PACK INC
	DRISCOLL STRAWBERRY ASSOC
3950	OCCUPANT UNKNOWN,
3979	CHUCKS AUTO PARTS & SALVAGE
3980	OCCUPANT UNKNOWN,
4261	MAGALLANES, MAGDALENA
4279	SKYLINE FLOWER GROWERSSHPPRS
4419	OCCUPANT UNKNOWN,
4710	OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	Cole Information

E HUENEME RD 2005

381	CERVANTES, ISIDRO R
	WALKER, RODERICK L
451	GIROD, JACQUES
600	DUX DENTAL INC
	DUX DNTL VAN R CADCO CLIVE CRA
	THE AGAR PACIFIC
	VETTEC
765	CARTER, EARL J
787	CASSIDY, JUSTIN
1515	SASAKI, FUMIO
1531	FUMIOS NURSERY
	LAS BRISAS NURSERY
	OCCUPANT UNKNOWN,
	VENTURA COUNTY FLOWER GROWERS
1835	OCCUPANT UNKNOWN,
2221	GARCIA, RAMON
2281	ORTIZ, CRUZ
2299	SOUTHLAND SOD FARMS
2840	LAUBACHER FARMS
3000	OCEANVIEW PRODUCE CO
3300	NAUMANN, RICHARD W
3391	OCCUPANT UNKNOWN,
	REITER BROTHERS ARTS RANCH
3393	CONNELL, DEBRA L
3478	BROCKETT, BRUCE A
3912	SPRIG, B
3939	BARRY PACK INC
	DRISCOLL STRAWBERRY ASSOCIATES INC
	SAMBRAILO PACKAGING
3950	GARCIA, HUGO A
3980	OCCUPANT UNKNOWN,
4421	TEE KAY ENTERPRISES INC
4710	OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	Cole Information

E HUENEME RD 2000

320	HOSKINS BROTHERS
350	PORT HUENEME COUNTRY INN
381	CARRILLO, JUAN
	CENTENO, AURORA
	CONTRERAS, VINCENT
	CORTEZ, JOE E
	MENDOZA, AMADA
	OROZCO, MARIA C
	PENALOZA, ANA
	VELASQUEZ, ROBERT
600	CADCO DENTAL PRODUCTS INCORPORATED
	CLIVE CRAIG COMPANY
	PORTEOUS, PAUL D
	VAN R DENTAL PRODUCTS INCORPORATED
700	MITCHS WELDING
1515	SASAKI, FUMIO
1531	KATSUDA NURSERY
	LAS BRISAS NURSERY
	OCCUPANT UNKNOWN,
	S K FLOWER GROWERS
	VENTURA COUNTY FLOWER GROWER & SHIPPER
1850	ROSETE, DELFINO
2599	SOUTHLAND SOD FARMS
2840	LAUBACHER FARMS
3000	OCEAN VIEW PRODUCE COMPANY OFFICE
3391	REITER BROTHERS ARTS RANCH
3478	CORNEJO, JOSE
	MARTINEZ FARMS
3912	SPRIG, B
3939	DRISCOLL STRAWBERRY ASSOCIATES
	SAMBRAILO PACKAGING
3950	OCCUPANT UNKNOWN,
3979	CHUCKS AUTO PARTS & SALVAGE
	DAVIS, DAVID
4259	HERNANDEZ, P
4277	MEDEIROS ELECTRIC
4279	GOLDBERG, JOSEPH
	SKYLINE FLOWER GROWERS & SHIPPERS
4710	DEBUSSCHERE RANCH SHOP

Target Street	Cross Street	Source
✓	-	Cole Information

E HUENEME RD 1995

320	HOSKINS BROTHERS
350	COUNTRY INN
381	BRAVO, A
	CERVANTES, ISIDRO
	FERNANDEZ, H
	GONZALEZ, ARMANDO D
	PAREDES, MANUEL J
	PEREA, JOSE L
	TORRES, BERTHA A
	VILLEGAS, ALFONSO
885	MERLO, SALOMON S
	PROGRESSIVE AUTO SALVAGE
1531	KATSUDA NURSERY
	S K FLOWER GROWERS
1552	CALLENS, REMIE J
1835	KUIDA FARM SUPPLY
2292	ITURALDE, ROY JR
2840	LAUBACHER FARMS
3000	OCEAN VIEW PRODUCTS CO
3391	OCCUPANT UNKNOWNN
3478	CORNEJO, JOSE
	MARTINEZ, CECIL
3912	BROHAMMER, TODD
3939	CHARLES SAMBRAILO PAPER CO
	DRISCOLL STRAWBERRY
3950	OCCUPANT UNKNOWNN
3979	CHUCKS AUTO PARTS & SALVAGE
	GOLD COAST ANGLER
	OCCUPANT UNKNOWNN
3980	OCCUPANT UNKNOWNN
4259	MISSILE
4277	MEDEIROS ELECTRIC
	MESSINA, ANTHONY
4279	SKYLINE FLOWER GROWERS

Target Street	Cross Street	Source
✓	-	Cole Information

E HUENEME RD 1992

320	HOSKINS BROS
350	COUNTRY INN
381	CERVANTES, ISIDRO
	FERNANDEZ, H
	GOMEZ, V
	MADRIGAL, ALFREDO
	SEPULVEDA, JESUS
	TORRES, BERTHA A
	VILLEGAS, ALFONSO
405	SURFSIDE LIQUOR MRT
451	LAU, GEORGE J
600	CADCO DNTL PROD INC
630	GILL J H RANCHES
700	PORT HUE MARINE SPL
710	MITCHS WELDING
885	IRON EAGLE TOWING
	PROGRSV AUTO SLVG
1531	FLORAL PAC NURSERY
	GUEVARA FLORL NRSRY
	KATSUDA NURSERY
	S K FLOWER GROWERS
1552	CALLENS, REMIE J
1730	AGUILAR, LUIS
	SALGADO, EDEL
1835	COVARRUBIAS, E
1850	HIGASHI FARMS
2275	CHIQUITA FRUIT STND
2281	CERVANTES, R
2292	ITURALDE, ROY JR
	MANABI FARMS INC
2559	OXNRD BAIT FARM
2599	SOUTHLAND SOD FARMS
2840	LAUBACHER FARMS
3000	OCEAN VIEW PRODUCE
3478	CORNEJO, JOSE
	MARTINEZ, CECIL
3818	GONZALEZ, ARMANDO D
3912	SPRIG, B
3939	DRISCOLL STRAWBERRY
	SAMBRAILO CHAS PPR
3979	CHUCKS AUTO PARTS
	PROGRSV SCRAP METLS
3980	GREGORY, JACK
4215	LAUNCH PAD
4259	MISSILE THE
4277	MEDEIROS ELECTRIC
4279	SKYLINE FLOWER GRWR
4710	DEBUSSCHERE RNCH SH

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

E HUENEME RD 1990

HUENEME RD E 93033
OXNARD

320	★HOSKINS BROS	488-3617	
350	★COUNTRY INN	986-5353	7
	★PORT HUE CNTRY INN	986-5353	+0
381.....	HACIENDA APTS		
	ARIES Bertha Alicia	488-2220	+0
7	CERVANTES Jose Luiz	488-9680	
	CERVANTES Socorro	488-9872	9
	FERNANDEZ Heriberto	986-2928	
	FERNANDEZ Lydia	986-2928	
	GONZALEZ Armando D	986-5045	7
	HERNANDEZ Maria	488-2853	6
	HUIZAR Maria	488-9491	4
	MADRIGAL Carmen	986-1606	9
	MADRIGAL Patricia T	986-1869	9
	PAREDES Manuel J	488-0518	7
	ZAMORA Rosa	488-4392	+0
381.....			
405	★SURFSIDE LIQUOR MRT	488-4378	7
423	XXXX	00	
425	XXXX	00	
427	XXXX	00	
507	ZAMBRANO Maria	488-1003	2
513	XXXX	00	
615	XXXX	00	
621	XXXX	00	
625	XXXX	00	
630	★GILL J H RANCHES	488-3074	9
700	★PORT HUE MRN SPL CO	488-0988	9
710	★O R C TRCKNG&SRV CO	488-0931	8
747	XXXX	00	
833	XXXX	00	
900	XXXX	00	
1183	★PROGRSV AUTO PARTS	488-6479	
1399	PACHECO Elva A	488-5929	
1531	★GUEVARA FLRL NRSRY	986-4257	9
	MORALES Roberto R	986-3572	+0
	★S K FLOWER GROWERS	488-9256	
	★SANDERS NURSERY	986-1466	8
1552	CALLENS Remie J	488-5269	3
1730	AGUILAR L	488-7118	3
	SALGADO Edel	986-4418	8
1835	COVARRUBIAS A	986-1368	+0
	COVARRUBIAS E	986-1368	+0
1850	★HIGASHI FARMS	488-3060	
2275	WU Tesan	488-9599	+0
2281	CERVANTES Rigoberto	488-1383	
2284	XXXX	00	
2292	ITURALDE Roy Jr	986-1843	9
	★MANABI FARMS INC	986-2095	9
2431	XXXX	00	
2559	★OXNRD BAIT FARM	488-0012	1
2599	★SOUTHLAND SOD FARMS	488-3585	2
2740	XXXX	00	
2771	XXXX	00	
2840	LAUBACHER Donald F	488-6191	3
3000	★NAUMANN BROS PCKNG	488-6401	2
3300	XXXX	00	
3478	★KITA BROS	488-2918	
3890	XXXX	00	
3912	SPRIG B	488-9782	6
3939	★DRISCOLL STRAWBERRY	488-0333	+0
	★SAMBRAILO CHAS PPR	488-4532	+0
3950	XXXX	00	
3951	XXXX	00	
3979	★CHUCKS AUTO PARTS	488-4491	7
3980	GREGORY Jack	488-3730	5
4076	XXXX	00	
4215	★LAUNCH PAD	488-6535	
4259	BARBOUR Steve	488-9201	+0
	BERNA Russell	986-1513	+0
	★MISSILE THE	488-2615	
4277	MESSINA Anthony R	986-3471	+0
4279	★SKYLINE FLOWER GRWR	488-0879	4
	★SKYLINE FLOWER GRWR	488-7370	+0
4421	XXXX	00	
4526	XXXX	00	
4710	★DEBUSSCHERE RNCH SH	986-2831	3
NO #	★WESTSIDE STWBRY FRM	488-9869	9
★	26 BUS 50 RES	13 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

E HUENEME RD 1985

HUENEME RD E 93033
OXNARD

141	TEXACO USA	488-2322	+5
	UNITOR SHIP SERVCE	656-6093	+5
242	HERNANDEZ OLGA	488-4623	2
251	XXXX	00	
320	HOSKINS BROS	488-3617	
381	HACIENDA APTS		
20	BARRON EVARISTA G	488-2728	8
7	CERVANTES JOSE LUIZ	488-9680	9
11	DULIBAN FRANK	488-7108	
	ELLSWORTH LAURA	488-2633	4
	FERNANDEZ HERIBERTO	986-2928	4
3	GARCIA FELIX E	488-7196	7
	GUTIERREZ MIGUEL	986-4355	+5
	HIUZAR BAUDELIO	986-2542	+5
	HUIZAR ARTURO	986-3189	+5
	HUIZAR MARIA	488-9491	4
	NARANGO JUAN	488-6866	4
	YEPEZ FLORINA	488-6954	+5
381			
427	XXXX	00	
507	ZAMBRANO MARIA	488-1003	2
513	XXXX	00	
615	GLADNEY B	488-1332	+5
625	XXXX	00	
630	J H GILL RANCHES	488-3074	3
747	XXXX	00	
833	TRUONG UOC	488-2368	3
900	CHANNL ISL SLF STRG	488-3886	0
1183	PROGRESSIVE ATO PRT	488-6479	8
1399	PACHECO ELVA A	488-5929	6
1531	KATSUDA SAM	488-5266	
	S K FLOWER GROWERS	488-9256	0
	SANDERS NURSERY	986-1466	+5
1552	CALLENS REMIE J	488-5269	3
1730	AGUILAR L	488-7118	3
	CORTEZ ELVIRA S	488-4308	+5
1835	MALDONADO HECTOR	488-1270	7
	OLIVER RANCH INC	488-2255	8
1850	HIGASHI FARMS	488-3060	9
2281	CERVANTES RIGOBERTO	488-1383	9
2292	SUMMERS JERRY	986-4057	+5
2431	SASAKI JODY	488-8684	2
	SASAKI SOTORI AGENT	488-4919	
2559	OXNRD BAIT FARM	488-0012	1
2599	SOUTHLAND SOD FARMS	488-4217	2
	SOUTHLAND SOD FARMS	488-3585	2
2740	XXXX	00	
2771	NAUMANN M M	488-5227	
2840	LAUBACHER DONALD F	488-6191	3
3000	NAUMANN BROS PCKNG	488-6401	2
3300	GUZMAN TONY	488-2909	0
3478	KITA BROS	488-2918	
	RAMIREZ JOSE A	488-9394	2
3890	XXXX	00	
3912	CLARK CURTIS	488-9782	1
3950	COLBERN EDWIN C MD	488-1055	2
3951	TESHIMA FARMS	488-6041	1
3979	CHUCKS AUTO PARTS	488-4491	
3980	GREGORY JACK	488-3730	+5
4076	LEDEZMA C	488-2724	1
4215	LAUNCH PAD	488-6535	
4259	MISSILE THE	488-2615	
4277	LEOS AUTO CENTER	488-2105	+5
	WALLACE BIX A	488-8571	+5
4279	SUNSHINE FLOWERS	488-0879	4
4421	LOPEZ HECTOR	986-3569	+5
4526	XXXX	00	
4710	COLBY ED	488-2933	4
	DEBUSSCHERE RNCH SH	986-2831	3
NO #	HIXON CRANE&SALVAG	487-4712	
★	25 BUS 43 RES	14 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

E HUENEME RD 1981

HUENEME RD E 93030
OXNARD

162	WARD GRANVILLE	488-7061	+1
168	EDWARDS D M	488-2303	+1
182	ANDERSON D	488-4806	+1
320	XXXX	00	
345	XXXX	00	
350	XXXX	00	
381.....	HACIENDA APTS		
20	BARRON EVARISTA	488-2728	8
	CERVANTES JOSE L	488-9680	9
	DULIBAN FRANK	488-7108	
	FERNANDEZ HERIBERTO	488-0763	+1
3	GARCIA FELIX E	488-7196	7
	GONZALES FLORENTINA	986-1202	+1
	GUERRA JOHN A	488-8307	9
	HACIENDA APARTMENTS	488-2423	
	NARANGO JUAN	488-0726	+1
	SEDILLOS FRED H	488-4638	0
	VERA ESEQUIEL	488-9615	+1
381.....			
407	XXXX	00	
615	BAKER LAUREL	488-2687	+1
	KEENA SHERIL L	986-1513	+1
711	PLAZA MARINA MOTEL	488-4495	4
1151	HIXON ROBERT F	488-9276	5
1183	PROGRESSIVE AUTO	488-8479	8
1399	PACHECO ELVA A	488-5929	6
1531	AMEZCUE MIGUEL	488-7148	0
	KATSUDA SAM	488-5266	
	S K FLOWER GROWERS	488-9256	0
1552	CALLENS REMIE J	488-5269	
1730	XXXX	00	
1835	MALDONADO HECTOR	488-1270	7
	OLIVER RANCH INC	488-2255	8
1850	HIGASHI FARMS	488-3060	9
2281	CENTENO AURELIO	488-3205	
	CERVANTES R	488-1383	9
2292	SUMMERS JERRY L	986-1642	+1
2431	SASAKI SOTORI AGENT	488-4919	4
2463	XXXX	00	
2559	OXNARD BAIT FARM	488-0012	+1
2740	OSBORN CHAS E	488-7048	0
2771	NAUMANN BROS PCKNG	488-5401	9
	NAUMANN M M	488-5227	
2912	XXXX	00	
3300	GUZMAN TONY	488-2909	0
3391	XXXX	00	
3478	KITA BROS	488-2918	3
3521	MICUTANI JAS	488-7655	+1
3912	CLARK CURTIS	488-9782	+1
	FREEMAN BRAD	488-8581	0
3950	JORDAN ROBT E	488-6783	+1
3951	TESHIMA FARMS	488-6041	+1
3979	CHUCKS AUTO PARTS	488-4491	
3980	GREGORY JACK	488-3730	
4076	LEDEZMA C	488-2724	+1
	MADRIGAL SALVADOR	488-6095	6
	NISHIMORI J GROWERS	488-4587	+1
4215	LAUNCH PAD	488-8535	3
4259	MISSILE THE	488-2815	
4277	PAC CST AUTO BODY	488-4890	0
4279	GOLDBERG LEROY	488-5885	0
	SKYLINE RANCH	488-5088	3
	SUNSHINE FLOWERS	488-0879	+1
4421	XXXX	00	
4500	LOPEZ JOE M	488-3965	
4526	XXXX	00	
4531	XXXX	00	
4710	DEBUSSCHERE RANCH	488-3981	6
NO #	HIXON CRANE&SALVG	487-4712	4
*	19 BUS 48 RES	18 NEW	

APPENDIX E

W1758-77-01
Hueneme Rd
Oxnard, CA 93033

Inquiry Number: 7403279.2s
July 31, 2023

EDR Area / Corridor Report

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

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	**ES1**
Mapped Sites Summary	**2**
Key Map	**4**
Map Findings Summary	**5**
Focus Maps	**10**
Map Findings	**22**
Orphan Summary	**OR-1**
Government Records Searched/Data Currency Tracking	**GR-1**

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. **NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA) INFORMATION PROVIDED IN THIS REPORT.** Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2023 by Environmental Data Resources, LLC. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, LLC, or its affiliates, is prohibited without prior written permission.

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

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

SUBJECT PROPERTY INFORMATION

ADDRESS

HUENEME RD
OXNARD, CA 93033

TARGET PROPERTY SEARCH RESULTS

The Target Property was identified in the following databases.

Page Numbers and Map Identifcations refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

STANDARD ENVIRONMENTAL RECORDS

Lists of state and tribal leaking storage tanks

LUST: Geotracker's Leaking Underground Fuel Tank Report

A review of the LUST list, as provided by EDR, has revealed that there are 4 LUST sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
REMIE CALLENS	1552 HUENEME RD	B8 / 4	42
Database: LUST, Date of Government Version: 03/06/2023 Status: Completed - Case Closed Global Id: T0611100754			
REMIE CALLENS	***1552 HUENEME RD***	***B10 / 4***	***45***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008 Facility Id: C-91057 Status: Case Closed Facility Id: 91057 Status: Case Closed Global ID: T0611100754			
VERIZON MUGU CENTRAL	***2463 HUENEME RD***	***C24 / 5***	***60***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008 Database: LUST, Date of Government Version: 03/06/2023 Status: Completed - Case Closed Facility Id: C-03039			

Status: Case Closed
Facility Id: 03039
Status: Case Closed
Global Id: T0611170899
Global ID: T0611170899

MANABI FARMS ***2292 HUENEME RD E*** ***I64 / 5*** ***139***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 03/06/2023
Status: Completed - Case Closed
Facility Id: 930330198
Status: Case Closed
Global Id: T0611100076
Global ID: T0611100076

Lists of state and tribal registered storage tanks

UST: Active UST Facilities

A review of the UST list, as provided by EDR, has revealed that there are 5 UST sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
REMIE CALLENS Database: VENTURA CO. UST, Date of Government Version: 05/26/2023 Facility Id: D 928 Facility Status: Inactive	1552 HUENEME ROAD	B6 / 4	41
FRONTIER CALIFORNIA: Database: UST, Date of Government Version: 03/06/2023	2463 HUENEME ROAD	C23 / 5	59
VERIZON CALIF-MUGU P Database: UST, Date of Government Version: 03/06/2023 Facility Id: 856	2463 HUENEME RD.	C25 / 5	64
NAUMAN BROS. PACKING Database: VENTURA CO. UST, Date of Government Version: 05/26/2023 Facility Id: D 233 Facility Status: Inactive	3000 HUENEME ROAD	G49 / 6	102
MANABI FARMS, INC. Database: VENTURA CO. UST, Date of Government Version: 05/26/2023 Facility Id: D 231 Facility Status: Inactive	2292 HUENEME ROAD	I62 / 5	138

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: CERS HAZ WASTE

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 04/17/2023 has revealed that there

is 1 CERS HAZ WASTE site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
HOME RANCH	***2840 E HUENEME RD***	***F39 / 6***	***85***

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
GENERAL TELEPHONE Status: A Tank Status: A Comp Number: 1441	***2463 HUENEME RD***	***C21 / 5***	***57***

HIST UST: Hazardous Substance Storage Container Database

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 3 HIST UST sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
REMIE J CALLENS RANC Facility Id: 00000037480	1552 E HUENEME RD	B7 / 4	41
NAUMANN BROS MAINTEN Facility Id: 00000037160	3250 E HUENEME RD	H53 / 6	106
NAUMANN BROS	***3250 E HUENEME RD***	***H54 / 6***	***107***

CA FID UST: Facility Inventory Database

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
GENERAL TELEPHONE Facility Id: 56004447 Status: A	***2463 HUENEME RD***	***C21 / 5***	***57***

Records of Emergency Release Reports

CHMIRS: California Hazardous Material Incident Report System

A review of the CHMIRS list, as provided by EDR, and dated 04/15/2023 has revealed that there is 1 CHMIRS site within the requested target property.

EXECUTIVE SUMMARY

Site	Address	Map ID / Focus Map(s)	Page
Not reported OES Incident Number: 08-6261	HUENEME RD AND ARNOL	2 / 5	34

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/06/2023 has revealed that there are 4 RCRA NonGen / NLR sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
ABC ORGANICS EPA ID:: CAC003178302	1850 E HUENEME RD	D30 / 5	68
LAUBACHER FARM INC EPA ID:: CAL000249100	2840 E HUENEME RD	F38 / 6	83
NAUMANN RANCH EPA ID:: CAL000453549	3250 E HUENEME RD	H52 / 6	104
OCEANVIEW PRODUCE CO EPA ID:: CAL000139831	3250 E HUENEME RD	H55 / 6	124

FINDS: Facility Index System/Facility Registry System

A review of the FINDS list, as provided by EDR, and dated 05/04/2023 has revealed that there are 10 FINDS sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
REMIE CALLENS Registry ID:: 110065143400	1552 HUENEME RD	B4 / 4	36
VERIZON CALIFORNIA: Registry ID:: 110055707908	2463 HUENEME ROAD	C15 / 5	52
VERIZON MUGU CENTRAL Registry ID:: 110066128050	2463 HUENEME RD	C22 / 5	58
ABC ORGANICS Registry ID:: 110065329683	***1850 E HUENEME RD ST***	***D28 / 5***	***68***
SUCCESS VALLEY FARMS Registry ID:: 110059739895	1850 E HUENEME RD	D29 / 5	68
LAUBACHER FARM INC Registry ID:: 110070450909	***2840 E HUENEME RD***	***F37 / 6***	***83***
OCEAN VIEW PRODUCE- Registry ID:: 110065443933	3000 E HUENEME RD	G43 / 6	91
OCEANVIEW PRODUCE CO Registry ID:: 110066731451	3000 HUENEME	G44 / 6	91
OCEANVIEW PRODUCE CO Registry ID:: 110070449588 Registry ID:: 110070800963	***3250 E HUENEME RD***	***H57 / 6***	***133***
MANABI FARMS	2292 HUENEME RD E	I63 / 5	139

Registry ID:: 110066575931

ECHO: Enforcement & Compliance History Information

A review of the ECHO list, as provided by EDR, and dated 03/25/2023 has revealed that there are 4 ECHO sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
ABC ORGANICS Registry ID: 110065329683	***1850 E HUENEME RD ST***	***D28 / 5***	***68***
LAUBACHER FARM INC Registry ID: 110070450909	***2840 E HUENEME RD***	***F37 / 6***	***83***
NAUMANN RANCH Registry ID: 110070800963	3250 E HUENEME RD	H51 / 6	103
OCEANVIEW PRODUCE CO Registry ID: 110070449588	***3250 E HUENEME RD***	***H57 / 6***	***133***

Cortese: "Cortese" Hazardous Waste & Substances Sites List

A review of the Cortese list, as provided by EDR, and dated 03/20/2023 has revealed that there are 3 Cortese sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
REMIE CALLENS Cleanup Status: COMPLETED - CASE CLOSED	***1552 HUENEME RD***	***B10 / 4***	***45***
VERIZON MUGU CENTRAL Cleanup Status: COMPLETED - CASE CLOSED	***2463 HUENEME RD***	***C24 / 5***	***60***
MANABI FARMS Cleanup Status: COMPLETED - CASE CLOSED	***2292 HUENEME RD E***	***I64 / 5***	***139***

ENF: Enforcement Action Listing

A review of the ENF list, as provided by EDR, and dated 04/17/2023 has revealed that there is 1 ENF site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
OCEANVIEW PRODUCE CO Status: Historical Status: Historical Facility Id: 246551	***3000 EAST HUENEME RO***	***G47 / 6***	***93***

EXECUTIVE SUMMARY

HIST CORTESE: Hazardous Waste & Substance Site List

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 HIST CORTESE sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
REMIE CALLENS Reg Id: C-91057	***1552 HUENEME RD***	***B10 / 4***	***45***
MANABI FARMS Reg Id: 930330198	***2292 HUENEME RD E***	***I64 / 5***	***139***

HAZNET: Facility and Manifest Data

A review of the HAZNET list, as provided by EDR, and dated 12/31/2021 has revealed that there are 15 HAZNET sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
REMIE J CALLENS ESTA GEPAID: CAC001104848	***1552 EAST HUENEME RO***	***B5 / 4***	***37***
1X CALLENS, REMIE J GEPAID: CAC000572520	***1552 E HUEMEME RD***	***B9 / 4***	***44***
1X REMIE J CALLENS GEPAID: CAC000809280	***1552 EAST HUENEME RO***	***B11 / 4***	***47***
GENERAL TELEPHONE OF GEPAID: CAD980890453	***2463 HUENEME RD***	***C19 / 5***	***54***
1X GENERAL TELEPHONE GEPAID: CAP999000628	***2463 HUENEME RD.***	***C20 / 5***	***56***
GENERAL TELEPHONE GEPAID: CAC002861771	***2463 HUENEME RD***	***C21 / 5***	***57***
SOUTHLAND SOD FARM GEPAID: CAL000000435	***HUENEME & CASPER RD/***	***26 / 5***	***65***
1X AMERICAN MERLIN V GEPAID: CAC000751056	***PORT HUANEME***	***E35 / 5***	***77***
SWIFT RANCH INC GEPAID: CAL000262785	***3121 HUANEME***	***36 / 6***	***80***
DOLE/OCEANVIEW PRODU GEPAID: CAL000385664	***3000 E HUENEME RD***	***G48 / 6***	***95***
1X NAUMANN BROS PACK GEPAID: CAC000025478	***3250 E HUENEME RD***	***H50 / 6***	***102***
NAUMANN BROS GEPAID: CAL000026845	***3250 E HUENEME RD***	***H54 / 6***	***107***
OCEANVIEW PRODUCE CO GEPAID: CAL000139831	***3250 E HUENEME RD***	***H56 / 6***	***126***
1X MANABI FARMS INC GEPAID: CAC000509872	***2292 E HUENEME RD.***	***I60 / 5***	***136***
SOLAMAR FARMS INC GEPAID: CAC001480944	***2292 E HUENEME RD***	***I61 / 5***	***137***

EXECUTIVE SUMMARY

NPDES: NPDES Permits Listing

A review of the NPDES list, as provided by EDR, and dated 02/06/2023 has revealed that there are 2 NPDES sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
HUENEME RD RECYCLED Facility Status: Terminated	***OLDS RD TO WOOD RD***	***14 / 5***	***50***
SUCCESS VALLEY FARMS	***1850 E HUENEME RD***	***D27 / 5***	***66***

WDS: Waste Discharge System

A review of the WDS list, as provided by EDR, and dated 06/19/2007 has revealed that there is 1 WDS site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
OCEANVIEW PRODUCE CO Facility Status: A Facility Id: 4A566700010	3000 E HUENEME RD	G45 / 6	91

WDR: Waste Discharge Requirements Listing

A review of the WDR list, as provided by EDR, and dated 03/06/2023 has revealed that there is 1 WDR site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
OCEANVIEW PRODUCE CO	***3000 EAST HUENEME RO***	***G47 / 6***	***93***

CIWQS: California Integrated Water Quality System

A review of the CIWQS list, as provided by EDR, and dated 02/27/2023 has revealed that there are 2 CIWQS sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
HUENEME RD RECYCLED	***OLDS RD TO WOOD RD***	***14 / 5***	***50***
OCEANVIEW PRODUCE CO	***3000 EAST HUENEME RO***	***G47 / 6***	***93***

CERS: CERS

A review of the CERS list, as provided by EDR, and dated 04/17/2023 has revealed that there are 7 CERS sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
REMIE CALLENS	***1552 HUENEME RD***	***B10 / 4***	***45***
VERIZON MUGU CENTRAL	***2463 HUENEME RD***	***C24 / 5***	***60***
ABC ORGANICS	***1850 E HUENEME RD ST***	***D31 / 5***	***71***
HOME RANCH	***2840 E HUENEME RD***	***F39 / 6***	***85***
OCEANVIEW PRODUCE CO	3000 HUENEME	G46 / 6	92
DOLE/OCEANVIEW PRODU	***3000 E HUENEME RD***	***G48 / 6***	***95***
MANABI FARMS	***2292 HUENEME RD E***	***I64 / 5***	***139***

EXECUTIVE SUMMARY

HWTS: Hazardous Waste Tracking System

A review of the HWTS list, as provided by EDR, and dated 04/13/2023 has revealed that there are 22 HWTS sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
REMIE J CALLENS ESTA	***1552 EAST HUENEME RO***	***B5 / 4***	***37***
1X CALLENS, REMIE J	***1552 E HUEMEME RD***	***B9 / 4***	***44***
1X REMIE J CALLENS	***1552 EAST HUENEME RO***	***B11 / 4***	***47***
VERIZON CA INC	2463 HUENEME ROAD	C17 / 5	53
VERIZON CALIFORNIA,	2463 HUENEME RD	C18 / 5	54
GENERAL TELEPHONE OF	***2463 HUENEME RD***	***C19 / 5***	***54***
1X GENERAL TELEPHONE	***2463 HUENEME RD.***	***C20 / 5***	***56***
GENERAL TELEPHONE	***2463 HUENEME RD***	***C21 / 5***	***57***
SOUTHLAND SOD FARM	***HUENEME & CASPER RD/***	***26 / 5***	***65***
SUCCESS VALLEY FARMS	***1850 E HUENEME RD***	***D27 / 5***	***66***
SUCCESS VALLEY FARMS	1850 E HUENEME RD	D32 / 5	74
ALIVAS PARK	1850 HUENEME RD	D33 / 5	76
NALCO COMPANY INC	7908 HUENEME	E34 / 5	76
1X AMERICAN MERLIN V	***PORT HUANEME***	***E35 / 5***	***77***
SWIFT RANCH INC	***3121 HUANEME***	***36 / 6***	***80***
LAUBACHER FARM INC	2840 E HUENEME RD	F40 / 6	89
DOLE/OCEANVIEW PRODU	***3000 E HUENEME RD***	***G48 / 6***	***95***
1X NAUMANN BROS PACK	***3250 E HUENEME RD***	***H50 / 6***	***102***
NAUMANN BROS	***3250 E HUENEME RD***	***H54 / 6***	***107***
OCEANVIEW PRODUCE CO	***3250 E HUENEME RD***	***H56 / 6***	***126***
1X MANABI FARMS INC	***2292 E HUENEME RD.***	***I60 / 5***	***136***
SOLAMAR FARMS INC	***2292 E HUENEME RD***	***I61 / 5***	***137***

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

A review of the RGA LUST list, as provided by EDR, has revealed that there are 8 RGA LUST sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
REMIE CALLENS	1552 HUENEME RD E	B3 / 4	36
REMIE CALLENS	1552 HUENEME RD., E.	B12 / 4	48
REMIE CALLENS	1552 HUENEME RD	B13 / 4	48
VERIZON MUGU CENTRAL	2463 HUENEME RD	C16 / 5	52
NAUMANN BROS	3000 HUENEME ROAD E.	G41 / 6	90
NAUMANN BROS	3000 HUENEME RD E	G42 / 6	90
MANABI FARMS	2292 HUENEME RD E	I58 / 5	134
MANABI FARMS	2292 HUENEME RD., E.	I59 / 5	136

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Page Numbers and Map Identifcations refer to the EDR Area/Corridor 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 NPL (Superfund) sites

NPL: National Priority List

A review of the NPL list, as provided by EDR, and dated 06/22/2023 has revealed that there is 1 NPL site within approximately1 mile of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
HALACO ENGINEERING C Cerclis ID:: 901242 EPA Id: CAD009688052	***6200 PERKINS***	***SW 1/2 - 1 (0.795 mi.)***	***Region / 4***	***21***

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 06/22/2023 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
COOK COMPOSITES AND Site ID: 0901641 EPA Id: CAD087163267	***5980 ARCTURUS AVENUE***	***SW 1/4 - 1/2 (0.473 mi.)***	***101 / 4***	***365***

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

A review of the ENVIROSTOR list, as provided by EDR, and dated 04/24/2023 has revealed that there are 9 ENVIROSTOR sites within approximately1 mile of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
WWL VEHICLE SERVICE Facility Id: 56010004 Status: Inactive - Needs Evaluation	***5601 EDISON DRIVE***	***S 0 - 1/8 (0.005 mi.)***	***A68 / 4***	***146***
SOUTHEAST ELEMENTARY Facility Id: 56010009 Status: No Further Action	***EMERSON AVENUE/GERSH***	***N 1/8 - 1/4 (0.220 mi.)***	***86 / 3***	***237***
COOK COMPOSITES AND	***5980 ARCTURUS AVENUE***	***SW 1/4 - 1/2 (0.473 mi.)***	***101 / 4***	***365***

Facility Id: 56280098 Status: Certified O&M - Land Use Restrictions Only				
ALUMINUM PRECISION P Facility Id: 56330012 Status: Refer: 1248 Local Agency	***1001 MCWANE BLVD***	***S 1/4 - 1/2 (0.473 mi.)***	***T103 / 4***	***402***
RADAR L35 CP SITE Facility Id: 80000429 Status: Inactive - Needs Evaluation		S 1/4 - 1/2 (0.484 mi.)	U104 / 5	415
OCCIDENTAL CHEMICAL Facility Id: 56280001 Status: No Further Action	***6000 ARCTURUS AVENUE***	***SSW 1/2 - 1 (0.535 mi.)***	***106 / 4***	***417***
TESORO PETROLEUM COR Facility Id: 56290174 Status: Refer: RWQCB	150 HUENEME ROAD	W 1/2 - 1 (0.674 mi.)	107 / 1	422
HALLIBURTON ENERGY S Facility Id: 56280099 Status: No Further Action	***5800 PERKINS RD***	***WSW 1/2 - 1 (0.972 mi.)***	***108 / 4***	***423***
PACIFIC RECYCLING EN Facility Id: 56330008 Status: No Further Action	5925 PERKINS ROAD	WSW 1/2 - 1 (0.995 mi.)	109 / 4	431

Lists of state and tribal leaking storage tanks

LUST: Geotracker's Leaking Underground Fuel Tank Report

A review of the LUST list, as provided by EDR, has revealed that there are 17 LUST sites within approximately 0.5 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
WWL VEHICLE SERVICE Database: LUST, Date of Government Version: 03/06/2023 Status: Completed - Case Closed Global Id: T0611127035	***5601 EDISON DRIVE***	***S 0 - 1/8 (0.005 mi.)***	***A68 / 4***	***146***
PACIFIC VEHICLE PROC Database: LUST REG 4, Date of Government Version: 09/07/2004 Facility Id: C04015 Status: Leak being confirmed Global ID: T0611127035	***5601 EDISON DR***	***S 0 - 1/8 (0.005 mi.)***	***A69 / 4***	***194***
PACIFIC VEHICLE PROC Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008 Facility Id: 04015 Status: Case Closed	***5601 EDISON DR***	***S 0 - 1/8 (0.005 mi.)***	***A71 / 4***	***199***
ARTHUR PIDDUCK RANCH Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 03/06/2023 Status: Completed - Case Closed Facility Id: 930330061 Status: Case Closed Global Id: T0611100071	***3391 HUENEME RD E***	***E 0 - 1/8 (0.057 mi.)***	***K74 / 6***	***201***

Global ID: T0611100071

ART R. PIDDUCK RANCH ***3391 HUENEME RD*** ***E 0 - 1/8 (0.057 mi.)*** ***K75 / 6*** ***205***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
Database: LUST, Date of Government Version: 03/06/2023
Status: Completed - Case Closed
Facility Id: C-88137
Status: Case Closed
Facility Id: 88137
Status: Case Closed
Global Id: T0611100373
Global ID: T0611100373

KITA BROS ***3478 HUENEME RD*** ***E 1/8 - 1/4 (0.151 mi.)*** ***L80 / 6*** ***220***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 03/06/2023
Status: Completed - Case Closed
Facility Id: C-90034
Facility Id: 930300116
Status: Case Closed
Global Id: T0611100059
Global Id: T0611100618
Global ID: T0611100618

HERMAN J BECKER ***3121 HUENEME RD*** ***N 1/8 - 1/4 (0.210 mi.)*** ***84 / 3*** ***230***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
Database: LUST, Date of Government Version: 03/06/2023
Status: Completed - Case Closed
Facility Id: C-88184
Status: Case Closed
Facility Id: 88184
Status: Case Closed
Global Id: T0611100409
Global ID: T0611100409

BMW ***5056 ARCTURUS AVE S*** ***W 1/4 - 1/2 (0.285 mi.)*** ***90 / 4*** ***275***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
Database: LUST, Date of Government Version: 03/06/2023
Status: Completed - Case Closed
Facility Id: C-00009
Status: Case Closed
Facility Id: 00009
Status: Case Closed
Global Id: T0611193021
Global ID: T0611193021

BMW OF NORTH AMERICA ***5650 ARCTURAS AVE*** ***WSW 1/4 - 1/2 (0.302 mi.)*** ***O92 / 4*** ***288***
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
Facility Id: SR035
Status: Case Closed

CALPINE CONTAINERS ***5655 ARCTURUS AVE*** ***WSW 1/4 - 1/2 (0.311 mi.)*** ***P93 / 4*** ***289***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
Facility Id: C-89081
Status: Case Closed

Facility Id: 89081
Status: Case Closed
Global ID: T0611100490

CALPINE CONTAINERS ***5655 ARCTURUS*** ***WSW 1/4 - 1/2 (0.311 mi.)*** ***P94 / 4*** ***292***
Database: LUST, Date of Government Version: 03/06/2023
Status: Completed - Case Closed
Global Id: T0611100490

RAMOS PROPERTY (MIGU ***5690 CYPRESS*** ***WNW 1/4 - 1/2 (0.348 mi.)*** ***Q95 / 1*** ***326***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: C-89078
Status: Remediation Plan
Global ID: T0611100487

RAMOS PROPERTY (MIGU ***5690 CYPRESS*** ***WNW 1/4 - 1/2 (0.348 mi.)*** ***Q96 / 1*** ***327***
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
Database: LUST, Date of Government Version: 03/06/2023
Status: Completed - Case Closed
Facility Id: 89078
Status: Case Closed
Global Id: T0611100487

OXNARD HARBOR DISTRI ***5851 ARCTURUS*** ***SW 1/4 - 1/2 (0.392 mi.)*** ***R98 / 4*** ***339***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
Database: LUST, Date of Government Version: 03/06/2023
Status: Completed - Case Closed
Facility Id: C-94015
Status: Case Closed
Facility Id: 94015
Status: Case Closed
Global Id: T0611100879
Global ID: T0611100879

PENNINGTON MFG. ***5901 EDISON*** ***S 1/4 - 1/2 (0.399 mi.)*** ***S99 / 4*** ***343***
Database: LUST, Date of Government Version: 03/06/2023
Status: Completed - Case Closed
Global Id: T0611100056
Global Id: T0611100308

PENNINGTON MFG ***5901 EDISON DR*** ***S 1/4 - 1/2 (0.399 mi.)*** ***S100 / 4*** ***351***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
Facility Id: 930300070
Facility Id: C-88058
Status: Case Closed
Facility Id: 88058
Status: Case Closed
Global ID: T0611100056
Global ID: T0611100308

KAISER ALUMINUM ***1001 MCWANE BLVD*** ***S 1/4 - 1/2 (0.473 mi.)*** ***T102 / 4*** ***402***
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
Facility Id: SR011
Status: Case Closed

EXECUTIVE SUMMARY

CPS-SLIC: Statewide SLIC Cases

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 4 CPS-SLIC sites within approximately 0.5 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
BMW ENGINEERING WEST	***5650 ARCTURUS***	***WSW 1/4 - 1/2 (0.302 mi.)***	***O91 / 4***	***279***
Database: SLIC REG 4, Date of Government Version: 11/17/2004 Facility Status: Site Assessment				
BMW OF NORTH AMERICA	***5650 ARCTURAS AVE***	***WSW 1/4 - 1/2 (0.302 mi.)***	***O92 / 4***	***288***
Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Completed - Case Closed Global Id: T0611192290				
ENGINEERING AND EMIS	***5900 ARCTURUS AVE***	***SW 1/4 - 1/2 (0.387 mi.)***	***R97 / 4***	***330***
Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Completed - Case Closed Global Id: SLT43696694				
ALUMINUM PRECISION P	***1001 MCWANE BLVD***	***S 1/4 - 1/2 (0.473 mi.)***	***T103 / 4***	***402***
Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Completed - Case Closed Global Id: T0611129375				

Lists of state and tribal registered storage tanks

UST: Active UST Facilities

A review of the UST list, as provided by EDR, has revealed that there are 3 UST sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
SOUTHLAND SOD FARMS	2599 HUENEME ROAD	N 0 - 1/8 (0.010 mi.)	J73 / 2	201
Database: VENTURA CO. UST, Date of Government Version: 05/26/2023 Facility Id: D 232 Facility Status: Inactive				
KITA BROS. FARMS	3478 HUENEME ROAD	E 1/8 - 1/4 (0.151 mi.)	L79 / 6	220
Database: VENTURA CO. UST, Date of Government Version: 05/26/2023 Facility Id: D 234 Facility Status: Inactive				
CITY OF PORT HUENEME	700 E HUENEME RD	W 1/8 - 1/4 (0.207 mi.)	M82 / 4	228
Database: UST, Date of Government Version: 03/06/2023 Facility Id: 056-000-002216				

AST: Aboveground Petroleum Storage Tank Facilities

A review of the AST list, as provided by EDR, has revealed that there are 2 AST sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
WWL VEHICLE SERVICES	5601 EDISON DR.	S 0 - 1/8 (0.005 mi.)	A67 / 4	146
Database: AST, Date of Government Version: 07/06/2016				
PACIFIC VEHICLE PROC	***5601 EDISON DR***	***S 0 - 1/8 (0.005 mi.)***	***A69 / 4***	***194***
Database: AST, Date of Government Version: 07/06/2016				

EXECUTIVE SUMMARY

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

A review of the VCP list, as provided by EDR, and dated 04/24/2023 has revealed that there is 1 VCP site within approximately 0.5 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
COOK COMPOSITES AND	***5980 ARCTURUS AVENUE***	***SW 1/4 - 1/2 (0.473 mi.)***	***101 / 4***	***365***
Status: Certified O&M - Land Use Restrictions Only				
Facility Id: 56280098				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Historical Calsites Database

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within approximately1 mile of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
WWL VEHICLE SERVICE	***5601 EDISON DRIVE***	***S 0 - 1/8 (0.005 mi.)***	***A68 / 4***	***146***

SCH: School Property Evaluation Program

A review of the SCH list, as provided by EDR, and dated 04/24/2023 has revealed that there is 1 SCH site within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
SOUTHEAST ELEMENTARY	***EMERSON AVENUE/GERSH***	***N 1/8 - 1/4 (0.220 mi.)***	***86 / 3***	***237***
Facility Id: 56010009				
Status: No Further Action				

CERS HAZ WASTE: CERS HAZ WASTE

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 04/17/2023 has revealed that there are 2 CERS HAZ WASTE sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
WWL VEHICLE SERVICE	***5601 EDISON DRIVE***	***S 0 - 1/8 (0.005 mi.)***	***A68 / 4***	***146***
AQUEOS CORP.	***741 ARCTURUS AVE***	***WNW 1/8 - 1/4 (0.222 mi.)***	***N87 / 1***	***240***

EXECUTIVE SUMMARY

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
PACIFIC VEHICLE PROC Status: A Tank Status: A Comp Number: 4970	***5601 EDISON DR***	***S 0 - 1/8 (0.005 mi.)***	***A69 / 4***	***194***

HIST UST: Hazardous Substance Storage Container Database

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 6 HIST UST sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
YAMAMOTO FARMS Facility Id: 00000022571	2281 E HUENEME RD	0 - 1/8 (0.001 mi.)	I65 / 2	143
SOUTHLAND SOD FARM Facility Id: 00000032788	2599 HUENEME RD	N 0 - 1/8 (0.010 mi.)	J72 / 2	200
ARTHUR PIDDUCK RANCH Facility Id: 00000009373	***3391 E HUENEME RD***	***E 0 - 1/8 (0.057 mi.)***	***K76 / 6***	***209***
KITA BROTHERS Facility Id: 00000045705	3478 E HUENEME ROAD	E 1/8 - 1/4 (0.151 mi.)	L78 / 6	219
PORT HUENEME SERVICE Facility Id: 00000046658	700 E HUENEME RD	W 1/8 - 1/4 (0.207 mi.)	M81 / 4	227
HUENEME SCHOOL DISTR Facility Id: 00000038301	***700-C EAST HUENEME R***	***W 1/8 - 1/4 (0.207 mi.)***	***M83 / 4***	***229***

CERS TANKS: California Environmental Reporting System (CERS) Tanks

A review of the CERS TANKS list, as provided by EDR, and dated 04/17/2023 has revealed that there are 2 CERS TANKS sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
WWL VEHICLE SERVICE	***5601 EDISON DRIVE***	***S 0 - 1/8 (0.005 mi.)***	***A68 / 4***	***146***
WWL VEHICLE SERVICES	***5351 EDISON DR***	***N 0 - 1/8 (0.123 mi.)***	***77 / 1***	***215***

CA FID UST: Facility Inventory Database

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
PACIFIC VEHICLE PROC	***5601 EDISON DR***	***S 0 - 1/8 (0.005 mi.)***	***A69 / 4***	***194***

Facility Id: 56004024
Status: A

Local Land Records

DEED: Deed Restriction Listing

A review of the DEED list, as provided by EDR, and dated 02/27/2023 has revealed that there is 1 DEED site within approximately 0.5 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
COOK COMPOSITES AND	***5980 ARCTURUS AVENUE***	***SW 1/4 - 1/2 (0.473 mi.)***	***101 / 4***	***365***
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY Envirostor ID: 56280098				

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/06/2023 has revealed that there are 4 RCRA NonGen / NLR sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
EAST FARMS EPA ID:: CAL000182579	2281 HUENEME RD	0 - 1/8 (0.001 mi.)	I66 / 2	143
WWL VEHICLE SERVICE EPA ID:: CAL000078976	5601 EDISON DRIVE	S 0 - 1/8 (0.005 mi.)	A70 / 4	197
JS MOBILE SERVICES I EPA ID:: CAL000432415	720 ARCTURUS AVE #36	W 1/8 - 1/4 (0.217 mi.)	M85 / 1	234
URS MIDWEST, DBA UNI EPA ID:: CAL000395924	741 ARCTURUS AVE	WNW 1/8 - 1/4 (0.222 mi.)	N89 / 1	273

FUDS: Formerly Used Defense Sites

A review of the FUDS list, as provided by EDR, and dated 05/08/2023 has revealed that there is 1 FUDS site within approximately1 mile of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
RADAR SITE L35 CAMP		S 1/4 - 1/2 (0.484 mi.)	U105 / 5	416

EXECUTIVE SUMMARY

DOD: Department of Defense Sites

A review of the DOD list, as provided by EDR, and dated 06/07/2021 has revealed that there is 1 DOD site within approximately1 mile of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
CHANNEL ISLANDS ANG		E 1/2 - 1 (0.832 mi.)	Region / 6	34

Cortese: "Cortese" Hazardous Waste & Substances Sites List

A review of the Cortese list, as provided by EDR, and dated 03/20/2023 has revealed that there are 10 Cortese sites within approximately 0.5 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
PACIFIC VEHICLE PROC	***5601 EDISON DR***	***S 0 - 1/8 (0.005 mi.)***	***A69 / 4***	***194***
Cleanup Status: COMPLETED - CASE CLOSED				
ARTHUR PIDDUCK RANCH	***3391 HUENEME RD E***	***E 0 - 1/8 (0.057 mi.)***	***K74 / 6***	***201***
Cleanup Status: COMPLETED - CASE CLOSED				
ART R. PIDDUCK RANCH	***3391 HUENEME RD***	***E 0 - 1/8 (0.057 mi.)***	***K75 / 6***	***205***
Cleanup Status: COMPLETED - CASE CLOSED				
KITA BROS	***3478 HUENEME RD***	***E 1/8 - 1/4 (0.151 mi.)***	***L80 / 6***	***220***
Cleanup Status: COMPLETED - CASE CLOSED				
HERMAN J BECKER	***3121 HUENEME RD***	***N 1/8 - 1/4 (0.210 mi.)***	***84 / 3***	***230***
Cleanup Status: COMPLETED - CASE CLOSED				
BMW	***5056 ARCTURUS AVE S***	***W 1/4 - 1/2 (0.285 mi.)***	***90 / 4***	***275***
Cleanup Status: COMPLETED - CASE CLOSED				
CALPINE CONTAINERS	***5655 ARCTURUS AVE***	***WSW 1/4 - 1/2 (0.311 mi.)***	***P93 / 4***	***289***
Cleanup Status: COMPLETED - CASE CLOSED				
RAMOS PROPERTY (MIGU	***5690 CYPRESS***	***WNW 1/4 - 1/2 (0.348 mi.)***	***Q95 / 1***	***326***
Cleanup Status: COMPLETED - CASE CLOSED				
OXNARD HARBOR DISTRI	***5851 ARCTURUS***	***SW 1/4 - 1/2 (0.392 mi.)***	***R98 / 4***	***339***
Cleanup Status: COMPLETED - CASE CLOSED				
PENNINGTON MFG	***5901 EDISON DR***	***S 1/4 - 1/2 (0.399 mi.)***	***S100 / 4***	***351***
Cleanup Status: COMPLETED - CASE CLOSED				

DRYCLEANERS: Cleaner Facilities

A review of the DRYCLEANERS list, as provided by EDR, has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
AQUEOS CORP.	741 ARCTURUS AVE	WNW 1/8 - 1/4 (0.222 mi.)	N88 / 1	272
Database: DRYCLEANERS, Date of Government Version: 08/27/2021				
EPA Id: CAL000218583				

EXECUTIVE SUMMARY

HIST CORTESE: Hazardous Waste & Substance Site List

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 9 HIST CORTESE sites within approximately 0.5 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
ART R. PIDDUCK RANCH Reg Id: C-88137 Reg Id: 930330061	***3391 HUENEME RD***	***E 0 - 1/8 (0.057 mi.)***	***K75 / 6***	***205***
KITA BROS Reg Id: 930300116 Reg Id: C-90034	***3478 HUENEME RD***	***E 1/8 - 1/4 (0.151 mi.)***	***L80 / 6***	***220***
HUENEME SCHOOL DISTR Reg Id: 930410025	***700-C EAST HUENEME R***	***W 1/8 - 1/4 (0.207 mi.)***	***M83 / 4***	***229***
HERMAN J BECKER Reg Id: C-88184	***3121 HUENEME RD***	***N 1/8 - 1/4 (0.210 mi.)***	***84 / 3***	***230***
CALPINE CONTAINERS Reg Id: C-89081	***5655 ARCTURUS***	***WSW 1/4 - 1/2 (0.311 mi.)***	***P94 / 4***	***292***
RAMOS PROPERTY (MIGU Reg Id: C-89078	***5690 CYPRESS***	***WNW 1/4 - 1/2 (0.348 mi.)***	***Q95 / 1***	***326***
OXNARD HARBOR DISTRI Reg Id: C-94015	***5851 ARCTURUS***	***SW 1/4 - 1/2 (0.392 mi.)***	***R98 / 4***	***339***
PENNINGTON MFG. Reg Id: C-88058 Reg Id: 930300070	***5901 EDISON***	***S 1/4 - 1/2 (0.399 mi.)***	***S99 / 4***	***343***
COOK COMPOSITES AND Reg Id: 56280098	***5980 ARCTURUS AVENUE***	***SW 1/4 - 1/2 (0.473 mi.)***	***101 / 4***	***365***

Notify 65: Proposition 65 Records

A review of the Notify 65 list, as provided by EDR, and dated 03/09/2023 has revealed that there is 1 Notify 65 site within approximately1 mile of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
COOK COMPOSITES AND	***5980 ARCTURUS AVENUE***	***SW 1/4 - 1/2 (0.473 mi.)***	***101 / 4***	***365***

MAPPED SITES SUMMARY

Target Property:
HUENEME RD
OXNARD, CA 93033

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
Reg / 4	HALACO ENGINEERING C	6200 PERKINS	NPL, SEMS, LUST, HIST UST, PRP, LEAD SME...	4198 0.795 SW
Reg / 6	CHANNEL ISLANDS ANG		DOD	4394 0.832 East
A1 / 1	PROGRESSIVE AUTO PAR	1183 HUENEME RD.	VENTURA CO. BWT	TP
2 / 5		HUENEME RD AND ARNOL	CHMIRS	TP
B3 / 4	REMIE CALLENS	1552 HUENEME RD E	RGA LUST	TP
B4 / 4	REMIE CALLENS	1552 HUENEME RD	FINDS	TP
B5 / 4	REMIE J CALLENS ESTA	1552 EAST HUENEME RO	HAZNET, HWTS	TP
B6 / 4	REMIE CALLENS	1552 HUENEME ROAD	UST	TP
B7 / 4	REMIE J CALLENS RANC	1552 E HUENEME RD	HIST UST	TP
B8 / 4	REMIE CALLENS	1552 HUENEME RD	LUST	TP
B9 / 4	1X CALLENS, REMIE J	1552 E HUEMEME RD	HAZNET, HWTS	TP
B10 / 4	REMIE CALLENS	1552 HUENEME RD	LUST, Cortese, HIST CORTESE, CERS	TP
B11 / 4	1X REMIE J CALLENS	1552 EAST HUENEME RO	HAZNET, HWTS	TP
B12 / 4	REMIE CALLENS	1552 HUENEME RD., E.	RGA LUST	TP
B13 / 4	REMIE CALLENS	1552 HUENEME RD	RGA LUST	TP
14 / 5	HUENEME RD RECYCLED	OLDS RD TO WOOD RD	NPDES, CIWQS	TP
C15 / 5	VERIZON CALIFORNIA:	2463 HUENEME ROAD	FINDS	TP
C16 / 5	VERIZON MUGU CENTRAL	2463 HUENEME RD	RGA LUST	TP
C17 / 5	VERIZON CA INC	2463 HUENEME ROAD	HWTS	TP
C18 / 5	VERIZON CALIFORNIA,	2463 HUENEME RD	HWTS	TP
C19 / 5	GENERAL TELEPHONE OF	2463 HUENEME RD	HAZNET, HWTS	TP
C20 / 5	1X GENERAL TELEPHONE	2463 HUENEME RD.	HAZNET, HWTS	TP
C21 / 5	GENERAL TELEPHONE	2463 HUENEME RD	SWEEPS UST, CA FID UST, HAZNET, HWTS	TP
C22 / 5	VERIZON MUGU CENTRAL	2463 HUENEME RD	FINDS	TP
C23 / 5	FRONTIER CALIFORNIA:	2463 HUENEME ROAD	UST	TP
C24 / 5	VERIZON MUGU CENTRAL	2463 HUENEME RD	LUST, VENTURA CO. BWT, Cortese, CERS	TP
C25 / 5	VERIZON CALIF-MUGU P	2463 HUENEME RD.	UST	TP
26 / 5	SOUTHLAND SOD FARM	HUENEME & CASPER RD/	HAZNET, HWTS	TP
D27 / 5	SUCCESS VALLEY FARMS	1850 E HUENEME RD	NPDES, HWTS	TP
D28 / 5	ABC ORGANICS	1850 E HUENEME RD ST	FINDS, ECHO	TP
D29 / 5	SUCCESS VALLEY FARMS	1850 E HUENEME RD	FINDS	TP
D30 / 5	ABC ORGANICS	1850 E HUENEME RD	RCRA NonGen / NLR	TP
D31 / 5	ABC ORGANICS	1850 E HUENEME RD ST	VENTURA CO. BWT, CERS	TP
D32 / 5	SUCCESS VALLEY FARMS	1850 E HUENEME RD	HWTS	TP
D33 / 5	ALIVAS PARK	1850 HUENEME RD	HWTS	TP
E34 / 5	NALCO COMPANY INC	7908 HUENEME	HWTS	TP
E35 / 5	1X AMERICAN MERLIN V	PORT HUANEME	HAZNET, HWTS	TP
36 / 6	SWIFT RANCH INC	3121 HUANEME	HAZNET, HWTS	TP
F37 / 6	LAUBACHER FARM INC	2840 E HUENEME RD	FINDS, ECHO	TP

MAPPED SITES SUMMARY

Target Property:
HUENEME RD
OXNARD, CA 93033

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
F38 / 6	LAUBACHER FARM INC	2840 E HUENEME RD	RCRA NonGen / NLR	TP		
F39 / 6	HOME RANCH	2840 E HUENEME RD	CERS HAZ WASTE, VENTURA CO. BWT, CERS	TP		
F40 / 6	LAUBACHER FARM INC	2840 E HUENEME RD	HWTS	TP		
G41 / 6	NAUMANN BROS	3000 HUENEME ROAD E.	RGA LUST	TP		
G42 / 6	NAUMANN BROS	3000 HUENEME RD E	RGA LUST	TP		
G43 / 6	OCEAN VIEW PRODUCE-	3000 E HUENEME RD	FINDS	TP		
G44 / 6	OCEANVIEW PRODUCE CO	3000 HUENEME	FINDS	TP		
G45 / 6	OCEANVIEW PRODUCE CO	3000 E HUENEME RD	WDS	TP		
G46 / 6	OCEANVIEW PRODUCE CO	3000 HUENEME	CERS	TP		
G47 / 6	OCEANVIEW PRODUCE CO	3000 EAST HUENEME RO	ENF, WDR, CIWQS	TP		
G48 / 6	DOLE/OCEANVIEW PRODU	3000 E HUENEME RD	VENTURA CO. BWT, HAZNET, CERS, HWTS	TP		
G49 / 6	NAUMAN BROS. PACKING	3000 HUENEME ROAD	UST	TP		
H50 / 6	1X NAUMANN BROS PACK	3250 E HUENEME RD	HAZNET, HWTS	TP		
H51 / 6	NAUMANN RANCH	3250 E HUENEME RD	ECHO	TP		
H52 / 6	NAUMANN RANCH	3250 E HUENEME RD	RCRA NonGen / NLR	TP		
H53 / 6	NAUMANN BROS MAINTEN	3250 E HUENEME RD	HIST UST	TP		
H54 / 6	NAUMANN BROS	3250 E HUENEME RD	HIST UST, HAZNET, HWTS	TP		
H55 / 6	OCEANVIEW PRODUCE CO	3250 E HUENEME RD	RCRA NonGen / NLR	TP		
H56 / 6	OCEANVIEW PRODUCE CO	3250 E HUENEME RD	HAZNET, HWTS	TP		
H57 / 6	OCEANVIEW PRODUCE CO	3250 E HUENEME RD	FINDS, ECHO	TP		
I58 / 5	MANABI FARMS	2292 HUENEME RD E	RGA LUST	TP		
I59 / 5	MANABI FARMS	2292 HUENEME RD., E.	RGA LUST	TP		
I60 / 5	1X MANABI FARMS INC	2292 E HUENEME RD.	HAZNET, HWTS	TP		
I61 / 5	SOLAMAR FARMS INC	2292 E HUENEME RD	HAZNET, HWTS	TP		
I62 / 5	MANABI FARMS, INC.	2292 HUENEME ROAD	UST	TP		
I63 / 5	MANABI FARMS	2292 HUENEME RD E	FINDS	TP		
I64 / 5	MANABI FARMS	2292 HUENEME RD E	LUST, Cortese, HIST CORTESE, CERS	TP		
I65 / 2	YAMAMOTO FARMS	2281 E HUENEME RD	HIST UST	5	0.001	
I66 / 2	EAST FARMS	2281 HUENEME RD	RCRA NonGen / NLR	5	0.001	
A67 / 4	WWL VEHICLE SERVICES	5601 EDISON DR.	AST	28	0.005	South
A68 / 4	WWL VEHICLE SERVICE	5601 EDISON DRIVE	ENVIROSTOR, LUST, HIST Cal-Sites, CERS H...	28	0.005	South
A69 / 4	PACIFIC VEHICLE PROC	5601 EDISON DR	LUST, AST, SWEEPS UST, CA FID UST, Corte...	28	0.005	South
A70 / 4	WWL VEHICLE SERVICE	5601 EDISON DRIVE	RCRA NonGen / NLR	28	0.005	South
A71 / 4	PACIFIC VEHICLE PROC	5601 EDISON DR	LUST, CERS	28	0.005	South
J72 / 2	SOUTHLAND SOD FARM	2599 HUENEME RD	HIST UST	55	0.010	North
J73 / 2	SOUTHLAND SOD FARMS	2599 HUENEME ROAD	UST	55	0.010	North
K74 / 6	ARTHUR PIDDUCK RANCH	3391 HUENEME RD E	LUST, Cortese, CERS	300	0.057	East
K75 / 6	ART R. PIDDUCK RANCH	3391 HUENEME RD	LUST, VENTURA CO. BWT, Cortese, HIST COR...	300	0.057	East
K76 / 6	ARTHUR PIDDUCK RANCH	3391 E HUENEME RD	HIST UST, VENTURA CO. BWT, CERS	300	0.057	East

MAPPED SITES SUMMARY

Target Property:
HUENEME RD
OXNARD, CA 93033

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.)		DIRECTION
77 / 1	WWL VEHICLE SERVICES	5351 EDISON DR	CERS TANKS, CERS	652	0.123	North
L78 / 6	KITA BROTHERS	3478 E HUENEME ROAD	HIST UST	795	0.151	East
L79 / 6	KITA BROS. FARMS	3478 HUENEME ROAD	UST	795	0.151	East
L80 / 6	KITA BROS	3478 HUENEME RD	LUST, Cortese, HIST CORTESE, CERS	795	0.151	East
M81 / 4	PORT HUENEME SERVICE	700 E HUENEME RD	HIST UST	1091	0.207	West
M82 / 4	CITY OF PORT HUENEME	700 E HUENEME RD	UST	1091	0.207	West
M83 / 4	HUENEME SCHOOL DISTR	700-C EAST HUENEME R	HIST UST, HIST CORTESE, WDS	1091	0.207	West
84 / 3	HERMAN J BECKER	3121 HUENEME RD	LUST, VENTURA CO. BWT, Cortese, HIST COR...	1107	0.210	North
M85 / 1	JS MOBILE SERVICES I	720 ARCTURUS AVE #36	RCRA NonGen / NLR	1146	0.217	West
86 / 3	SOUTHEAST ELEMENTARY	EMERSON AVENUE/GERSH	ENVIROSTOR, SCH	1162	0.220	North
N87 / 1	AQUEOS CORP.	741 ARCTURUS AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	1173	0.222	WNW
N88 / 1	AQUEOS CORP.	741 ARCTURUS AVE	DRYCLEANERS	1173	0.222	WNW
N89 / 1	URS MIDWEST, DBA UNI	741 ARCTURUS AVE	RCRA NonGen / NLR	1173	0.222	WNW
90 / 4	BMW	5056 ARCTURUS AVE S	LUST, Cortese, CERS	1504	0.285	West
O91 / 4	BMW ENGINEERING WEST	5650 ARCTURUS	CPS-SLIC, CERS HAZ WASTE, EMI, ENF, CERS	1597	0.302	WSW
O92 / 4	BMW OF NORTH AMERICA	5650 ARCTURAS AVE	LUST, CPS-SLIC, CERS	1597	0.302	WSW
P93 / 4	CALPINE CONTAINERS	5655 ARCTURUS AVE	LUST, Cortese, WDS, CERS	1643	0.311	WSW
P94 / 4	CALPINE CONTAINERS	5655 ARCTURUS	LUST, CERS HAZ WASTE, HIST CORTESE, HAZN..	1643	0.311	WSW
Q95 / 1	RAMOS PROPERTY (MIGU	5690 CYPRESS	LUST, Cortese, HIST CORTESE	1839	0.348	WNW
Q96 / 1	RAMOS PROPERTY (MIGU	5690 CYPRESS	LUST, CERS	1839	0.348	WNW
R97 / 4	ENGINEERING AND EMIS	5900 ARCTURUS AVE	CPS-SLIC, CERS HAZ WASTE, CERS TANKS, FI...	2041	0.387	SW
R98 / 4	OXNARD HARBOR DISTRI	5851 ARCTURUS	LUST, Cortese, HIST CORTESE, CERS	2071	0.392	SW
S99 / 4	PENNINGTON MFG.	5901 EDISON	LUST, HIST CORTESE, NPDES, CIWQS, CERS	2108	0.399	South
S100 / 4	PENNINGTON MFG	5901 EDISON DR	RCRA-SQG, LUST, UST, HIST UST, CERS TANK...	2108	0.399	South
101 / 4	COOK COMPOSITES AND	5980 ARCTURUS AVENUE	SEMS-ARCHIVE, RCRA-LQG, ENVIROSTOR, VCP,.	2497	0.473	SW
T102 / 4	KAISER ALUMINUM	1001 MCWANE BLVD	LUST, CERS	2497	0.473	South
T103 / 4	ALUMINUM PRECISION P	1001 MCWANE BLVD	ENVIROSTOR, CPS-SLIC, CHMIRS, NPDES, WDS..	2497	0.473	South
U104 / 5	RADAR L35 CP SITE		ENVIROSTOR	2555	0.484	South
U105 / 5	RADAR SITE L35 CAMP		FUDS	2555	0.484	South
106 / 4	OCCIDENTAL CHEMICAL	6000 ARCTURUS AVENUE	ENVIROSTOR, VCP, EMI	2827	0.535	SSW
107 / 1	TESORO PETROLEUM COR	150 HUENEME ROAD	ENVIROSTOR	3559	0.674	West
108 / 4	HALLIBURTON ENERGY S	5800 PERKINS RD	ENVIROSTOR, LUST, CPS-SLIC, UST, HIST CO...	5130	0.972	WSW
109 / 4	PACIFIC RECYCLING EN	5925 PERKINS ROAD	ENVIROSTOR	5256	0.995	WSW

Key Map - 7403279.2s

Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
National Priority List Sites
Areas of Concern
Dept. Defense Sites
Indian Reservations BIA

0 1/2 1 Miles

SITE NAME: W1758-77-01	CLIENT: Geocon Geotechnical & Env
ADDRESS: Hueneme Rd	CONTACT: Adrian Escobar
CITY/STATE: Oxnard CA	INQUIRY #: 7403279.2s
ZIP: 93033	DATE: 07/31/23 6:31 PM

Copyright © 2023 EDR, Inc. © 2015 TomTom Rel. 2015.

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	1	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		1	1	3	4	NR	9
Lists of state and tribal landfills and solid waste disposal facilities								
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
Lists of state and tribal leaking storage tanks								
LUST	0.500	4	5	2	10	NR	NR	21
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	4	NR	NR	4
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250	5	1	2	NR	NR	NR	8
AST	0.250		2	0	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
VCP	0.500		0	0	1	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		1	0	0	0	NR	1
SCH	0.250		0	1	NR	NR	NR	1
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250	1	1	1	NR	NR	NR	3
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250	1	1	0	NR	NR	NR	2
HIST UST	0.250	3	3	3	NR	NR	NR	9
CERS TANKS	0.250		2	0	NR	NR	NR	2
CA FID UST	0.250	1	1	0	NR	NR	NR	2
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	1	NR	NR	1
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP	1	NR	NR	NR	NR	NR	1
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	4	2	2	NR	NR	NR	8
FUDS	1.000		0	0	1	0	NR	1
DOD	1.000		0	0	0	1	NR	1
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	10	NR	NR	NR	NR	NR	10
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP	4	NR	NR	NR	NR	NR	4
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500	3	3	2	5	NR	NR	13
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	1	NR	NR	NR	1
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP	1	NR	NR	NR	NR	NR	1
Financial Assurance	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500	2	1	3	5	NR	NR	11
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HAZNET	TP	15	NR	NR	NR	NR	NR	15
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP	2	NR	NR	NR	NR	NR	2
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	1	0	NR	1
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP	1	NR	NR	NR	NR	NR	1
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	1	NR	NR	NR	NR	NR	1
CIWQS	TP	2	NR	NR	NR	NR	NR	2
CERS	TP	7	NR	NR	NR	NR	NR	7
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
HWTS	TP	22	NR	NR	NR	NR	NR	22
MINES MRDS	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0

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
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP	8	NR	NR	NR	NR	NR	8
- Totals --		98	24	18	32	6	0	178

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Focus Map - 1 - 7403279.2s

Sites	Focus Map - Sites	Dept. Defense Sites	
Target Property	Power Line	Indian Reservations BIA	
Search Buffer	National Priority List Sites		
Focus Map - No Sites	Areas of Concern		

0 1/8 1/4 Miles

SITE NAME: W1758-77-01	CLIENT: Geocon Geotechnical & Env
ADDRESS: Hueneme Rd	CONTACT: Adrian Escobar
CITY/STATE: Oxnard CA	INQUIRY #: 7403279.2s
ZIP: 93033	DATE: 07/31/23

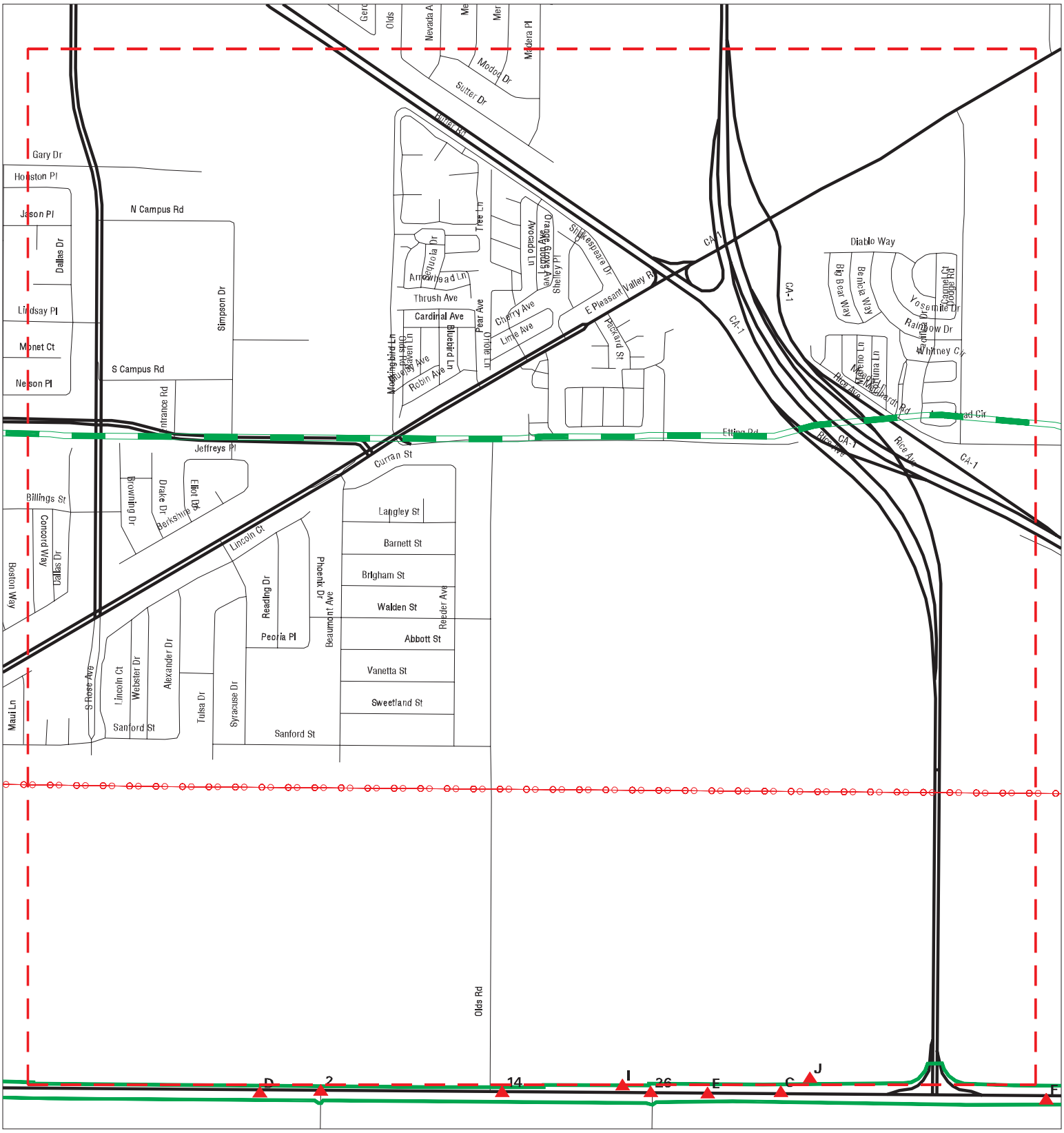
Copyright © 2023 EDR, Inc. © 2015 TomTom Rel. 2015.

MAPPED SITES SUMMARY - FOCUS MAP 1

Target Property:
HUENEME RD
OXNARD, CA 93033

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
A1 / 1	PROGRESSIVE AUTO PAR	1183 HUENEME RD.	VENTURA CO. BWT	TP		
77 / 1	WWL VEHICLE SERVICES	5351 EDISON DR	CERS TANKS, CERS	652	0.123	North
M85 / 1	JS MOBILE SERVICES I	720 ARCTURUS AVE #36	RCRA NonGen / NLR	1146	0.217	West
N87 / 1	AQUEOS CORP.	741 ARCTURUS AVE	CERS HAZ WASTE, HAZNET, CERS, HWTS	1173	0.222	WNW
N88 / 1	AQUEOS CORP.	741 ARCTURUS AVE	DRYCLEANERS	1173	0.222	WNW
N89 / 1	URS MIDWEST, DBA UNI	741 ARCTURUS AVE	RCRA NonGen / NLR	1173	0.222	WNW
Q95 / 1	RAMOS PROPERTY (MIGU	5690 CYPRESS	LUST, Cortese, HIST CORTESE	1839	0.348	WNW
Q96 / 1	RAMOS PROPERTY (MIGU	5690 CYPRESS	LUST, CERS	1839	0.348	WNW
107 / 1	TESORO PETROLEUM COR	150 HUENEME ROAD	ENVIROSTOR	3559	0.674	West

Focus Map - 2 - 7403279.2s



Sites	Focus Map - Sites	Dept. Defense Sites	
Target Property	Power Line	Indian Reservations BIA	
Search Buffer	National Priority List Sites		
Focus Map - No Sites	Areas of Concern		

0 1/8 1/4 Miles

SITE NAME: W1758-77-01	CLIENT: Geocon Geotechnical & Env
ADDRESS: Hueneme Rd	CONTACT: Adrian Escobar
CITY/STATE: Oxnard CA	INQUIRY #: 7403279.2s
ZIP: 93033	DATE: 07/31/23

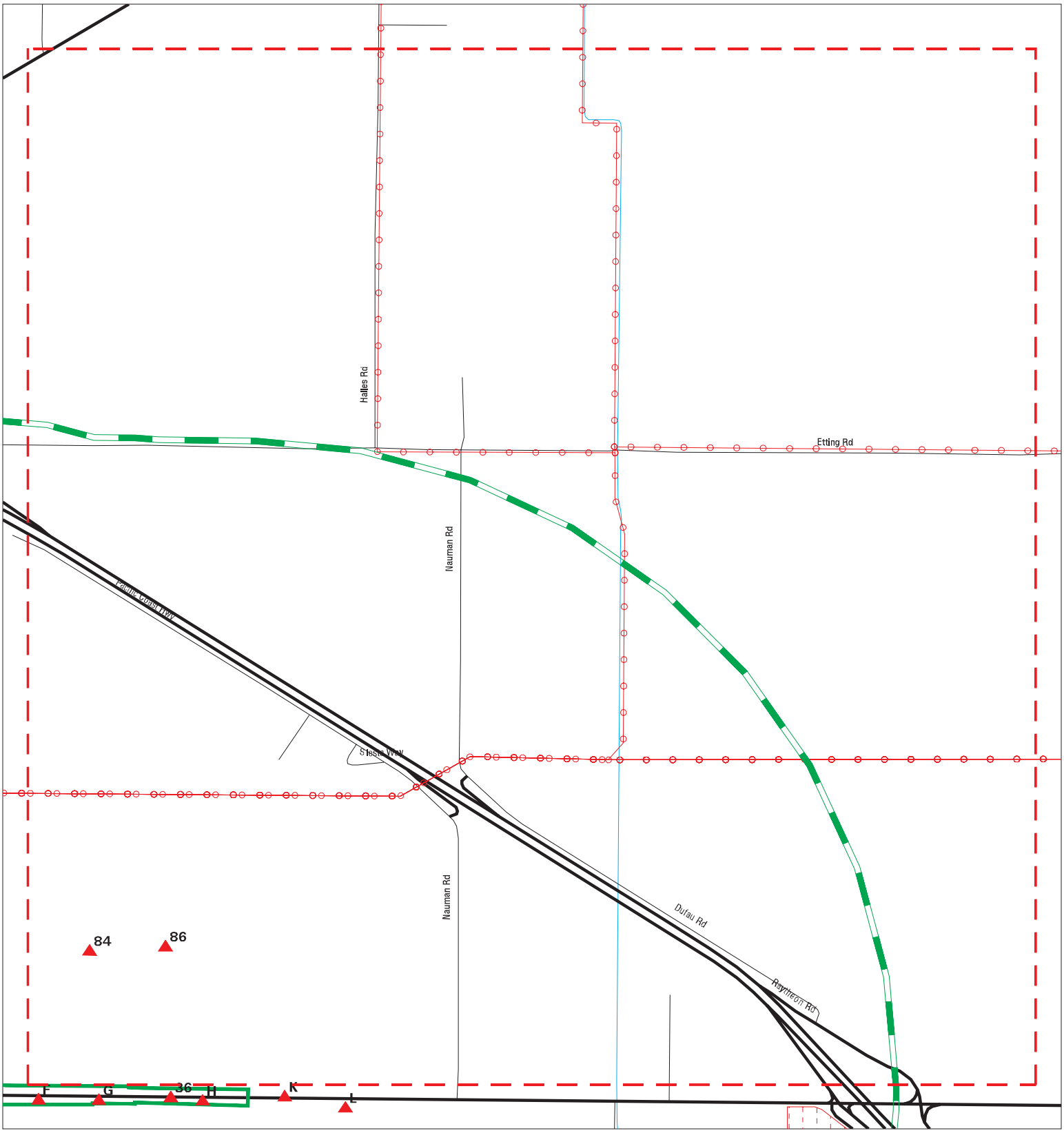
Copyright © 2023 EDR, Inc. © 2015 TomTom Rel. 2015.

MAPPED SITES SUMMARY - FOCUS MAP 2

Target Property:
HUENEME RD
OXNARD, CA 93033

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
I65 / 2	YAMAMOTO FARMS	2281 E HUENEME RD	HIST UST	5	0.001	
I66 / 2	EAST FARMS	2281 HUENEME RD	RCRA NonGen / NLR	5	0.001	
J72 / 2	SOUTHLAND SOD FARM	2599 HUENEME RD	HIST UST	55	0.010	North
J73 / 2	SOUTHLAND SOD FARMS	2599 HUENEME ROAD	UST	55	0.010	North

Focus Map - 3 - 7403279.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Areas of Concern
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: W1758-77-01 ADDRESS: Hueneme Rd CITY/STATE: Oxnard CA ZIP: 93033	CLIENT: Geocon Geotechnical & Env CONTACT: Adrian Escobar INQUIRY #: 7403279.2s DATE: 07/31/23

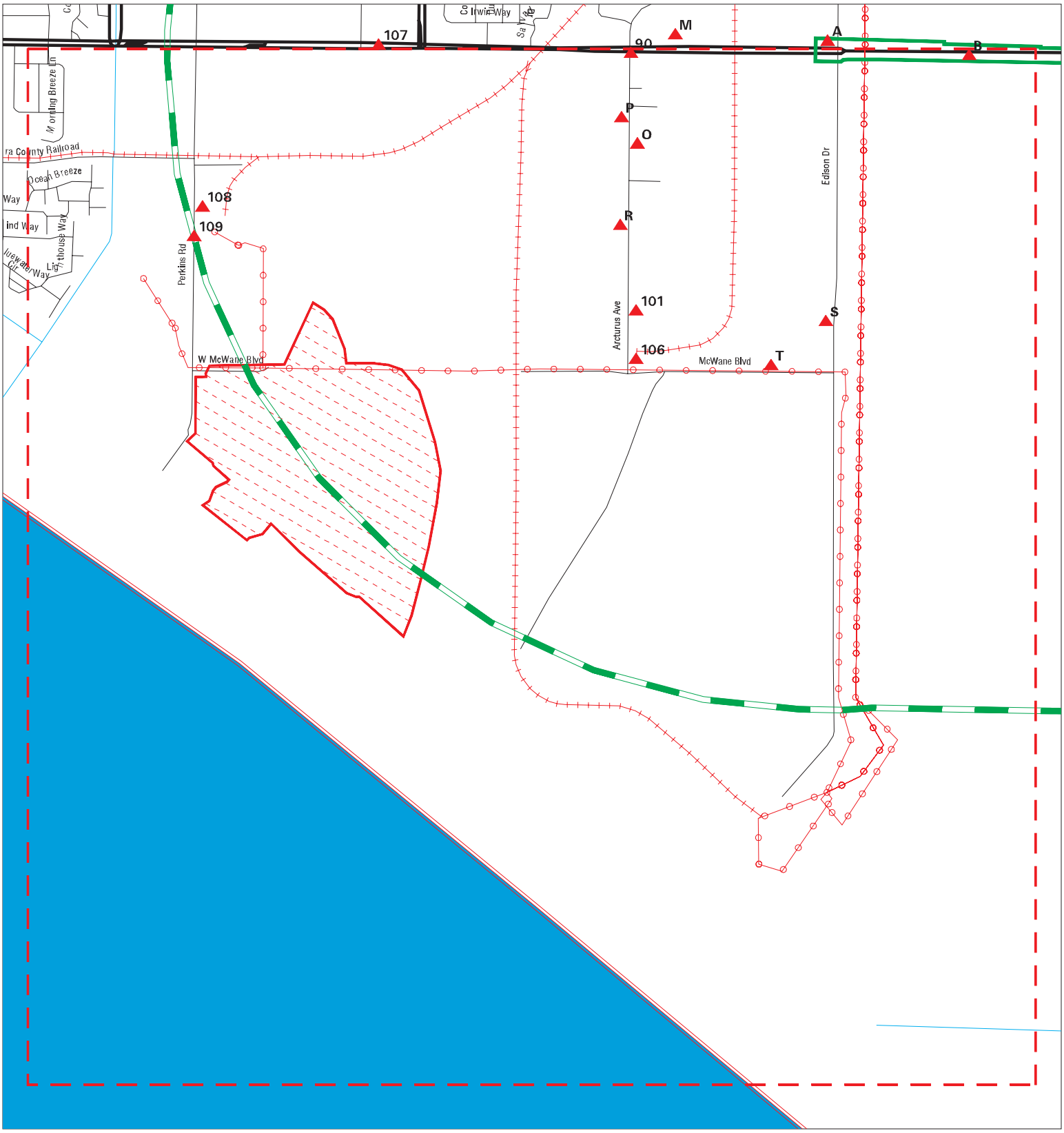
Copyright © 2023 EDR, Inc. © 2015 TomTom Rel. 2015.

MAPPED SITES SUMMARY - FOCUS MAP 3

Target Property:
HUENEME RD
OXNARD, CA 93033

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
84 / 3	HERMAN J BECKER	3121 HUENEME RD	LUST, VENTURA CO. BWT, Cortese, HIST COR...	1107	0.210	North
86 / 3	SOUTHEAST ELEMENTARY	EMERSON AVENUE/GERSH	ENVIROSTOR, SCH	1162	0.220	North

Focus Map - 4 - 7403279.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Areas of Concern
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: W1758-77-01 ADDRESS: Hueneme Rd CITY/STATE: Oxnard CA ZIP: 93033	CLIENT: Geocon Geotechnical & Env CONTACT: Adrian Escobar INQUIRY #: 7403279.2s DATE: 07/31/23

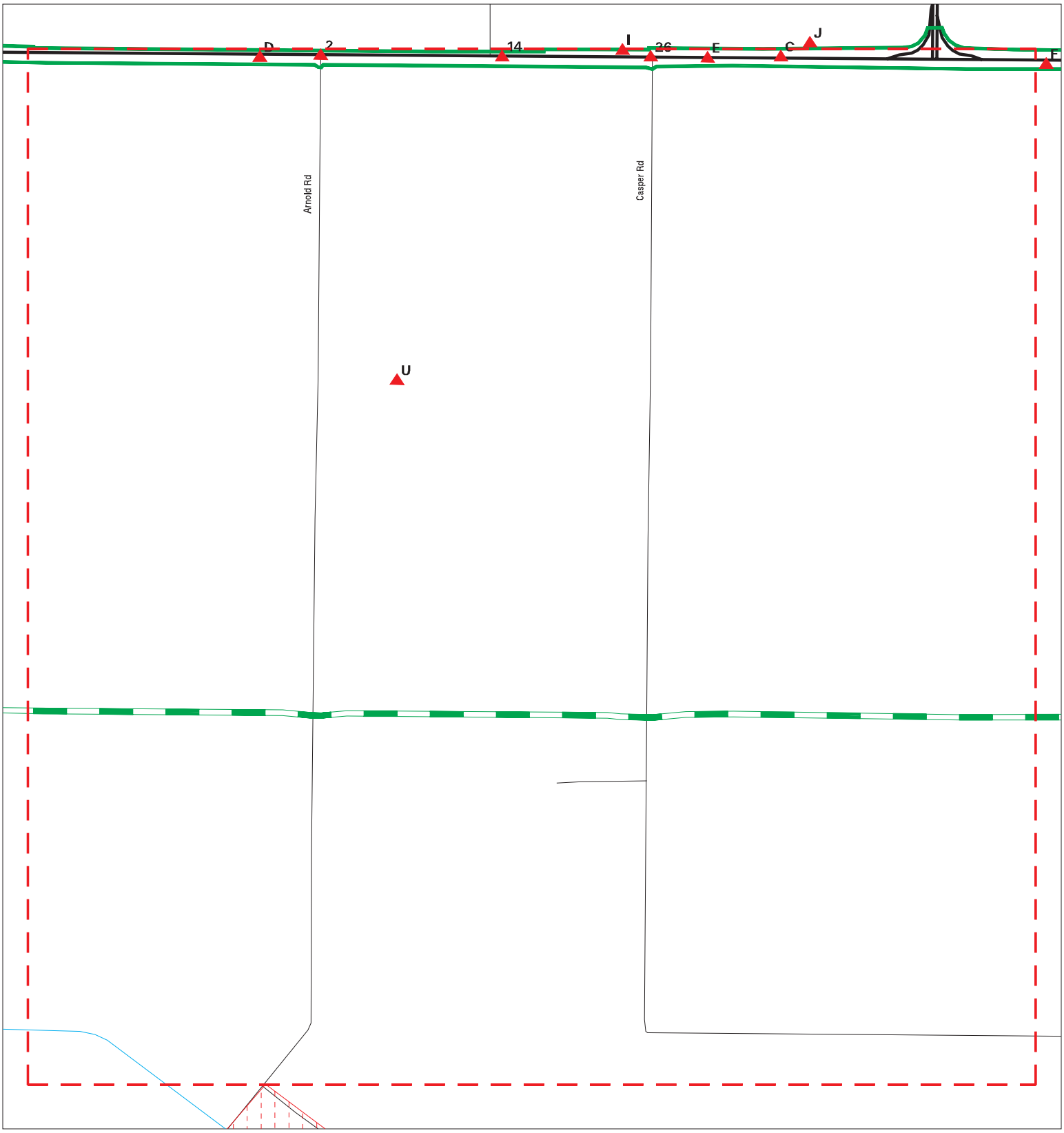
Copyright © 2023 EDR, Inc. © 2015 TomTom Rel. 2015.

MAPPED SITES SUMMARY - FOCUS MAP 4

Target Property:
HUENEME RD
OXNARD, CA 93033

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
Reg / 4	HALACO ENGINEERING C	6200 PERKINS	NPL, SEMS, LUST, HIST UST, PRP, LEAD SME...	4198	0.795	SW
B3 / 4	REMIE CALLENS	1552 HUENEME RD E	RGA LUST	TP		
B4 / 4	REMIE CALLENS	1552 HUENEME RD	FINDS	TP		
B5 / 4	REMIE J CALLENS ESTA	1552 EAST HUENEME RO	HAZNET, HWTS	TP		
B6 / 4	REMIE CALLENS	1552 HUENEME ROAD	UST	TP		
B7 / 4	REMIE J CALLENS RANC	1552 E HUENEME RD	HIST UST	TP		
B8 / 4	REMIE CALLENS	1552 HUENEME RD	LUST	TP		
B9 / 4	1X CALLENS, REMIE J	1552 E HUEMEME RD	HAZNET, HWTS	TP		
B10 / 4	REMIE CALLENS	1552 HUENEME RD	LUST, Cortese, HIST CORTESE, CERS	TP		
B11 / 4	1X REMIE J CALLENS	1552 EAST HUENEME RO	HAZNET, HWTS	TP		
B12 / 4	REMIE CALLENS	1552 HUENEME RD., E.	RGA LUST	TP		
B13 / 4	REMIE CALLENS	1552 HUENEME RD	RGA LUST	TP		
A67 / 4	WWL VEHICLE SERVICES	5601 EDISON DR.	AST	28	0.005	South
A68 / 4	WWL VEHICLE SERVICE	5601 EDISON DRIVE	ENVIROSTOR, LUST, HIST Cal-Sites, CERS H...	28	0.005	South
A69 / 4	PACIFIC VEHICLE PROC	5601 EDISON DR	LUST, AST, SWEEPS UST, CA FID UST, Corte...	28	0.005	South
A70 / 4	WWL VEHICLE SERVICE	5601 EDISON DRIVE	RCRA NonGen / NLR	28	0.005	South
A71 / 4	PACIFIC VEHICLE PROC	5601 EDISON DR	LUST, CERS	28	0.005	South
M81 / 4	PORT HUENEME SERVICE	700 E HUENEME RD	HIST UST	1091	0.207	West
M82 / 4	CITY OF PORT HUENEME	700 E HUENEME RD	UST	1091	0.207	West
M83 / 4	HUENEME SCHOOL DISTR	700-C EAST HUENEME R	HIST UST, HIST CORTESE, WDS	1091	0.207	West
90 / 4	BMW	5056 ARCTURUS AVE S	LUST, Cortese, CERS	1504	0.285	West
O91 / 4	BMW ENGINEERING WEST	5650 ARCTURUS	CPS-SLIC, CERS HAZ WASTE, EMI, ENF, CERS	1597	0.302	WSW
O92 / 4	BMW OF NORTH AMERICA	5650 ARCTURAS AVE	LUST, CPS-SLIC, CERS	1597	0.302	WSW
P93 / 4	CALPINE CONTAINERS	5655 ARCTURUS AVE	LUST, Cortese, WDS, CERS	1643	0.311	WSW
P94 / 4	CALPINE CONTAINERS	5655 ARCTURUS	LUST, CERS HAZ WASTE, HIST CORTESE, HAZN..	1643	0.311	WSW
R97 / 4	ENGINEERING AND EMIS	5900 ARCTURUS AVE	CPS-SLIC, CERS HAZ WASTE, CERS TANKS, FI...	2041	0.387	SW
R98 / 4	OXNARD HARBOR DISTRI	5851 ARCTURUS	LUST, Cortese, HIST CORTESE, CERS	2071	0.392	SW
S99 / 4	PENNINGTON MFG.	5901 EDISON	LUST, HIST CORTESE, NPDES, CIWQS, CERS	2108	0.399	South
S100 / 4	PENNINGTON MFG	5901 EDISON DR	RCRA-SQG, LUST, UST, HIST UST, CERS TANK...	2108	0.399	South
101 / 4	COOK COMPOSITES AND	5980 ARCTURUS AVENUE	SEMS-ARCHIVE, RCRA-LQG, ENVIROSTOR, VCP,.	2497	0.473	SW
T102 / 4	KAISER ALUMINUM	1001 MCWANE BLVD	LUST, CERS	2497	0.473	South
T103 / 4	ALUMINUM PRECISION P	1001 MCWANE BLVD	ENVIROSTOR, CPS-SLIC, CHMIRS, NPDES, WDS..	2497	0.473	South
106 / 4	OCCIDENTAL CHEMICAL	6000 ARCTURUS AVENUE	ENVIROSTOR, VCP, EMI	2827	0.535	SSW
108 / 4	HALLIBURTON ENERGY S	5800 PERKINS RD	ENVIROSTOR, LUST, CPS-SLIC, UST, HIST CO...	5130	0.972	WSW
109 / 4	PACIFIC RECYCLING EN	5925 PERKINS ROAD	ENVIROSTOR	5256	0.995	WSW

Focus Map - 5 - 7403279.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Areas of Concern
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: W1758-77-01 ADDRESS: Hueneme Rd CITY/STATE: Oxnard CA ZIP: 93033	CLIENT: Geocon Geotechnical & Env CONTACT: Adrian Escobar INQUIRY #: 7403279.2s DATE: 07/31/23

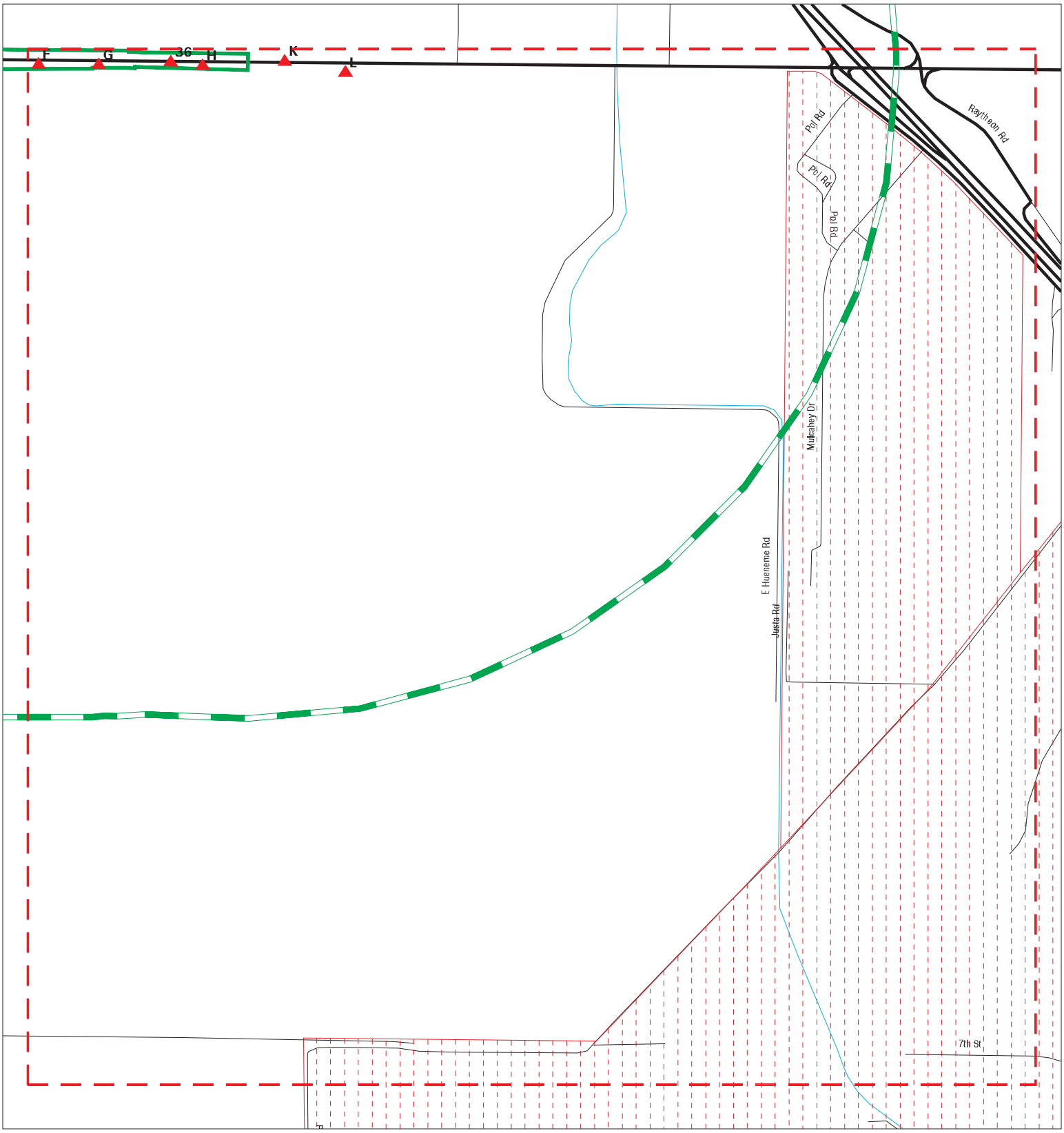
Copyright © 2023 EDR, Inc. © 2015 TomTom Rel. 2015.

MAPPED SITES SUMMARY - FOCUS MAP 5

Target Property:
HUENEME RD
OXNARD, CA 93033

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
2 / 5		HUENEME RD AND ARNOL	CHMIRS	TP
14 / 5	HUENEME RD RECYCLED	OLDS RD TO WOOD RD	NPDES, CIWQS	TP
C15 / 5	VERIZON CALIFORNIA:	2463 HUENEME ROAD	FINDS	TP
C16 / 5	VERIZON MUGU CENTRAL	2463 HUENEME RD	RGA LUST	TP
C17 / 5	VERIZON CA INC	2463 HUENEME ROAD	HWTS	TP
C18 / 5	VERIZON CALIFORNIA,	2463 HUENEME RD	HWTS	TP
C19 / 5	GENERAL TELEPHONE OF	2463 HUENEME RD	HAZNET, HWTS	TP
C20 / 5	1X GENERAL TELEPHONE	2463 HUENEME RD.	HAZNET, HWTS	TP
C21 / 5	GENERAL TELEPHONE	2463 HUENEME RD	SWEEPS UST, CA FID UST, HAZNET, HWTS	TP
C22 / 5	VERIZON MUGU CENTRAL	2463 HUENEME RD	FINDS	TP
C23 / 5	FRONTIER CALIFORNIA:	2463 HUENEME ROAD	UST	TP
C24 / 5	VERIZON MUGU CENTRAL	2463 HUENEME RD	LUST, VENTURA CO. BWT, Cortese, CERS	TP
C25 / 5	VERIZON CALIF-MUGU P	2463 HUENEME RD.	UST	TP
26 / 5	SOUTHLAND SOD FARM	HUENEME & CASPER RD/	HAZNET, HWTS	TP
D27 / 5	SUCCESS VALLEY FARMS	1850 E HUENEME RD	NPDES, HWTS	TP
D28 / 5	ABC ORGANICS	1850 E HUENEME RD ST	FINDS, ECHO	TP
D29 / 5	SUCCESS VALLEY FARMS	1850 E HUENEME RD	FINDS	TP
D30 / 5	ABC ORGANICS	1850 E HUENEME RD	RCRA NonGen / NLR	TP
D31 / 5	ABC ORGANICS	1850 E HUENEME RD ST	VENTURA CO. BWT, CERS	TP
D32 / 5	SUCCESS VALLEY FARMS	1850 E HUENEME RD	HWTS	TP
D33 / 5	ALIVAS PARK	1850 HUENEME RD	HWTS	TP
E34 / 5	NALCO COMPANY INC	7908 HUENEME	HWTS	TP
E35 / 5	1X AMERICAN MERLIN V	PORT HUANEME	HAZNET, HWTS	TP
I58 / 5	MANABI FARMS	2292 HUENEME RD E	RGA LUST	TP
I59 / 5	MANABI FARMS	2292 HUENEME RD., E.	RGA LUST	TP
I60 / 5	1X MANABI FARMS INC	2292 E HUENEME RD.	HAZNET, HWTS	TP
I61 / 5	SOLAMAR FARMS INC	2292 E HUENEME RD	HAZNET, HWTS	TP
I62 / 5	MANABI FARMS, INC.	2292 HUENEME ROAD	UST	TP
I63 / 5	MANABI FARMS	2292 HUENEME RD E	FINDS	TP
I64 / 5	MANABI FARMS	2292 HUENEME RD E	LUST, Cortese, HIST CORTESE, CERS	TP
U104 / 5	RADAR L35 CP SITE		ENVIROSTOR	2555 0.484 South
U105 / 5	RADAR SITE L35 CAMP		FUDS	2555 0.484 South

Focus Map - 6 - 7403279.2s



Sites
Target Property
Search Buffer
Focus Map - No Sites
Focus Map - Sites
Power Line
National Priority List Sites
Areas of Concern
Dept. Defense Sites
Indian Reservations BIA

0 1/8 1/4 Miles

SITE NAME: W1758-77-01 ADDRESS: Hueneme Rd CITY/STATE: Oxnard CA ZIP: 93033	CLIENT: Geocon Geotechnical & Env CONTACT: Adrian Escobar INQUIRY #: 7403279.2s DATE: 07/31/23

Copyright © 2023 EDR, Inc. © 2015 TomTom Rel. 2015.

MAPPED SITES SUMMARY - FOCUS MAP 6

Target Property:
HUENEME RD
OXNARD, CA 93033

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
Reg / 6	CHANNEL ISLANDS ANG		DOD	4394	0.832	East
36 / 6	SWIFT RANCH INC	3121 HUANEME	HAZNET, HWTS	TP		
F37 / 6	LAUBACHER FARM INC	2840 E HUENEME RD	FINDS, ECHO	TP		
F38 / 6	LAUBACHER FARM INC	2840 E HUENEME RD	RCRA NonGen / NLR	TP		
F39 / 6	HOME RANCH	2840 E HUENEME RD	CERS HAZ WASTE, VENTURA CO. BWT, CERS	TP		
F40 / 6	LAUBACHER FARM INC	2840 E HUENEME RD	HWTS	TP		
G41 / 6	NAUMANN BROS	3000 HUENEME ROAD E.	RGA LUST	TP		
G42 / 6	NAUMANN BROS	3000 HUENEME RD E	RGA LUST	TP		
G43 / 6	OCEAN VIEW PRODUCE-	3000 E HUENEME RD	FINDS	TP		
G44 / 6	OCEANVIEW PRODUCE CO	3000 HUENEME	FINDS	TP		
G45 / 6	OCEANVIEW PRODUCE CO	3000 E HUENEME RD	WDS	TP		
G46 / 6	OCEANVIEW PRODUCE CO	3000 HUENEME	CERS	TP		
G47 / 6	OCEANVIEW PRODUCE CO	3000 EAST HUENEME RO	ENF, WDR, CIWQS	TP		
G48 / 6	DOLE/OCEANVIEW PRODU	3000 E HUENEME RD	VENTURA CO. BWT, HAZNET, CERS, HWTS	TP		
G49 / 6	NAUMAN BROS. PACKING	3000 HUENEME ROAD	UST	TP		
H50 / 6	1X NAUMANN BROS PACK	3250 E HUENEME RD	HAZNET, HWTS	TP		
H51 / 6	NAUMANN RANCH	3250 E HUENEME RD	ECHO	TP		
H52 / 6	NAUMANN RANCH	3250 E HUENEME RD	RCRA NonGen / NLR	TP		
H53 / 6	NAUMANN BROS MAINTEN	3250 E HUENEME RD	HIST UST	TP		
H54 / 6	NAUMANN BROS	3250 E HUENEME RD	HIST UST, HAZNET, HWTS	TP		
H55 / 6	OCEANVIEW PRODUCE CO	3250 E HUENEME RD	RCRA NonGen / NLR	TP		
H56 / 6	OCEANVIEW PRODUCE CO	3250 E HUENEME RD	HAZNET, HWTS	TP		
H57 / 6	OCEANVIEW PRODUCE CO	3250 E HUENEME RD	FINDS, ECHO	TP		
K74 / 6	ARTHUR PIDDUCK RANCH	3391 HUENEME RD E	LUST, Cortese, CERS	300	0.057	East
K75 / 6	ART R. PIDDUCK RANCH	3391 HUENEME RD	LUST, VENTURA CO. BWT, Cortese, HIST COR...	300	0.057	East
K76 / 6	ARTHUR PIDDUCK RANCH	3391 E HUENEME RD	HIST UST, VENTURA CO. BWT, CERS	300	0.057	East
L78 / 6	KITA BROTHERS	3478 E HUENEME ROAD	HIST UST	795	0.151	East
L79 / 6	KITA BROS. FARMS	3478 HUENEME ROAD	UST	795	0.151	East
L80 / 6	KITA BROS	3478 HUENEME RD	LUST, Cortese, HIST CORTESE, CERS	795	0.151	East

NPL **HALACO ENGINEERING COMPANY** **NPL** **1000144948**
Region **6200 PERKINS** **SEMS** **CAD009688052**
SW **OXNARD, CA 93033** **LUST**
1/2-1 **HIST UST**
4198 ft. **PRP**
LEAD SMELTERS
Cortese

Focus Map: 4

NPL:

EPA Region:	9
EPA ID:	CAD009688052
Site ID:	901242
Name:	HALACO ENGINEERING COMPANY
Address:	6200 PERKINS
City,State,Zip:	OXNARD, CA 93033
Federal:	N
Final Date:	2007-09-19 00:00:00
Latitude:	34.138888999999999
Longitude:	-119.181944
Site Score:	58.310000000000002
NAI:	Not reported
Native American Entity:	Not reported

Site as of 08/2019:

EPA Region:	09
Site ID:	0901242
Site Status:	F
Federal Site:	N
Date Deleted:	Not reported
Date Finalized:	09/19/07
Date Proposed:	03/07/07

Narr:

Site Name:	Halaco Engineering Company
Site EPA ID:	CAD009688052
Listing Date:	9/19/2007
Site Score:	58.31
Federal Facility Indicator:	No
Site List URL:	https://semspub.epa.gov/src/document/09/2400019
Site Progress URL:	https://cumulis.epa.gov/supercpad/cursites/csitinfo.cfm?id=0901242
Federal Register URL:	http://www.gpo.gov/fdsys/pkg/FR-2007-09-19/pdf/E7-18155.pdf
Site Location URL:	https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=33cebcdfdd1b4c3a8b51d416956c41f1&query=Superfund_National_Priorities_List__NPL__Sites_with_Status_Information_7557,SITE_EPA_ID=%27CAD009688052%27

SEMS:

Site ID:	0901242
EPA ID:	CAD009688052
Name:	HALACO ENGINEERING COMPANY
Address:	6200 PERKINS
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
Cong District:	20,26
FIPS Code:	06111
Latitude:	+34.138889
Longitude:	-119.181944
FF:	N

HALACO ENGINEERING COMPANY (Continued) **1000144948**

NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	1
Start Date:	2001-03-21 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	ES
Action Name:	ESI
SEQ:	1
Start Date:	1990-09-18 04:00:00
Finish Date:	1992-08-07 04:00:00
Qual:	G
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1983-04-01 05:00:00
Finish Date:	1983-04-01 05:00:00
Qual:	L
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY

HALACO ENGINEERING COMPANY (Continued) **1000144948**

SEQ:	1
Start Date:	1979-11-01 05:00:00
Finish Date:	1979-11-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	3
Start Date:	2009-09-21 04:00:00
Finish Date:	2009-12-11 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	NP
Action Name:	PROPOSED
SEQ:	1
Start Date:	2007-03-07 05:00:00
Finish Date:	2007-03-07 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	HR
Action Name:	HAZRANK
SEQ:	1
Start Date:	2006-04-06 04:00:00
Finish Date:	2007-03-07 05:00:00
Qual:	O
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N

HALACO ENGINEERING COMPANY (Continued) **1000144948**

OU:	00
Action Code:	RV
Action Name:	RMVL
SEQ:	1
Start Date:	2006-06-19 04:00:00
Finish Date:	2006-08-31 04:00:00
Qual:	S
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	2
Start Date:	2006-06-19 04:00:00
Finish Date:	2006-07-05 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	1
Start Date:	2006-04-20 04:00:00
Finish Date:	2006-04-21 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	OY
Action Name:	RVL-ESI
SEQ:	1
Start Date:	2006-02-01 05:00:00
Finish Date:	2007-01-10 05:00:00
Qual:	G
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052

HALACO ENGINEERING COMPANY (Continued) **1000144948**

Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	NF
Action Name:	NPL FINL
SEQ:	1
Start Date:	2007-09-19 04:00:00
Finish Date:	2007-09-19 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	EE
Action Name:	EE/CA
SEQ:	1
Start Date:	2009-09-02 04:00:00
Finish Date:	2010-02-04 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	RV
Action Name:	RMVL
SEQ:	3
Start Date:	2010-02-08 05:00:00
Finish Date:	2010-09-16 04:00:00
Qual:	S
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	RV
Action Name:	RMVL
SEQ:	2
Start Date:	2006-06-19 04:00:00
Finish Date:	2008-03-22 04:00:00
Qual:	S
Current Action Lead:	EPA Perf

HALACO ENGINEERING COMPANY (Continued) **1000144948**

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	1
Start Date:	2010-10-07 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	TG
Action Name:	TA GRANT
SEQ:	1
Start Date:	2009-10-01 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	1
Start Date:	2006-05-01 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	02
Action Code:	FS
Action Name:	FS
SEQ:	2
Start Date:	2016-04-15 05:00:00
Finish Date:	Not reported

HALACO ENGINEERING COMPANY (Continued) **1000144948**

Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	02
Action Code:	RI
Action Name:	RI
SEQ:	2
Start Date:	2007-03-21 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	BB
Action Name:	PRP RV
SEQ:	1
Start Date:	2006-08-21 04:00:00
Finish Date:	2006-09-12 04:00:00
Qual:	C
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1979-11-01 05:00:00
Finish Date:	1983-04-01 05:00:00
Qual:	H
Current Action Lead:	St Perf

Region:	09
Site ID:	0901242
EPA ID:	CAD009688052
Site Name:	HALACO ENGINEERING COMPANY
NPL:	F
FF:	N
OU:	00
Action Code:	VA
Action Name:	OTHR CLEANUP

HALACO ENGINEERING COMPANY (Continued) **1000144948**

SEQ:	1
Start Date:	2000-10-10 04:00:00
Finish Date:	2007-01-10 05:00:00
Qual:	H
Current Action Lead:	St Perf

LUST REG 4:

Region:	4
Regional Board:	04
County:	Ventura
Facility Id:	C-95081
Status:	Case Closed
Substance:	Diesel
Substance Quantity:	Not reported
Local Case No:	95081
Case Type:	Soil
Abatement Method Used at the Site:	Not reported
Global ID:	T0611100980
W Global ID:	Not reported
Staff:	UNK
Local Agency:	56000L
Cross Street:	Not reported
Enforcement Type:	EF
Date Leak Discovered:	3/8/1995
Date Leak First Reported:	3/8/1995
Date Leak Record Entered:	Not reported
Date Confirmation Began:	3/8/1995
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	Not reported
Date the Case was Closed:	5/16/1995
How Leak Discovered:	Not reported
How Leak Stopped:	Not reported
Cause of Leak:	Not reported
Leak Source:	Not reported
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	3624.8249471363313088822854784
Source of Cleanup Funding:	F
Preliminary Site Assessment Workplan Submitted:	3/8/1995
Preliminary Site Assessment Began:	5/1/1995
Pollution Characterization Began:	5/1/1995
Remediation Plan Submitted:	5/1/1995
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	3/28/1995
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	HALACO ENGINEERING INC
RP Address:	Not reported

HALACO ENGINEERING COMPANY (Continued) **1000144948**

Program:	LUST
Lat/Long:	34.1400623 / -1
Local Agency Staff:	EHD
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

Region:	4
Regional Board:	04
County:	Ventura
Facility Id:	C-93001
Status:	Case Closed
Substance:	Gasoline
Substance Quantity:	Not reported
Local Case No:	93001
Case Type:	Soil
Abatement Method Used at the Site:	Excavate and Dispose
Global ID:	T0611100834
W Global ID:	Not reported
Staff:	UNK
Local Agency:	56000L
Cross Street:	Not reported
Enforcement Type:	EF
Date Leak Discovered:	12/15/1993
Date Leak First Reported:	12/15/1993
Date Leak Record Entered:	Not reported
Date Confirmation Began:	1/8/1993
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	Not reported
Date the Case was Closed:	3/21/1994
How Leak Discovered:	Not reported
How Leak Stopped:	Not reported
Cause of Leak:	Not reported
Leak Source:	Not reported
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	3631.029178871171606173445722 5
Source of Cleanup Funding:	F
Preliminary Site Assessment Workplan Submitted:	3/1/1993
Preliminary Site Assessment Began:	3/1/1993
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	6/7/1993
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	1/12/1993
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported

HALACO ENGINEERING COMPANY (Continued) **1000144948**

Responsible Party:	HALACO ENGINEERING INC
RP Address:	Not reported
Program:	LUST
Lat/Long:	34.1400473 / -1
Local Agency Staff:	EHD
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

VENTURA CO. LUST:

Name:	HALACO ENGINEERING INC
Address:	6200 PERKINS RD
City:	OXNARD
Region:	VENTURA
Facility ID:	95081
Status:	Case Closed

Name:	HALACO ENGINEERING INC
Address:	6200 PERKINS RD
City:	OXNARD
Region:	VENTURA
Facility ID:	93001
Status:	Case Closed

HIST UST:

Name:	HALACO
Address:	6200 PERKINS RD
City,State,Zip:	OXNARD, CA 93033
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000064760
Facility Type:	Other
Other Type:	FOUNDRY
Contact Name:	J.D. GABLE - PLANT MANAGER
Telephone:	9054883684
Owner Name:	HALACO ENGINEERING CO.
Owner Address:	6200 PERKINS ROAD
Owner City,St,Zip:	OXNARD, CA 93033
Total Tanks:	0008

Tank Num:	001
Container Num:	1
Year Installed:	1979
Tank Capacity:	00011780
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	.26
Leak Detection:	Visual, None

Tank Num:	002
Container Num:	2
Year Installed:	1979

HALACO ENGINEERING COMPANY (Continued) **1000144948**

Tank Capacity:	00011780
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	.26
Leak Detection:	Visual, None

Tank Num:	003
Container Num:	3
Year Installed:	1979
Tank Capacity:	00011780
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	.26
Leak Detection:	Visual, None

Tank Num:	004
Container Num:	4
Year Installed:	1979
Tank Capacity:	00011780
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	.26
Leak Detection:	Visual, None

Tank Num:	005
Container Num:	5
Year Installed:	1979
Tank Capacity:	00011780
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	.26
Leak Detection:	Visual, None

Tank Num:	006
Container Num:	6
Year Installed:	1979
Tank Capacity:	00011780
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	.26
Leak Detection:	Visual, None

Tank Num:	007
Container Num:	G
Year Installed:	1970
Tank Capacity:	00001970
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	ULUG8
Leak Detection:	Visual

Tank Num:	008
Container Num:	G331784
Year Installed:	1972
Tank Capacity:	00020000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL

HALACO ENGINEERING COMPANY (Continued) **1000144948**

Container Construction Thickness: 6
Leak Detection: Visual, None

PRP:
PRP Name: CLARENCE W. HAACK
HALACO ENGINEERING COMPANY
JOHN M. HAACK
ROBERT D. HAACK
THE CLARENCE W. HAACK LIVING TRUST

Lead Smelter Sites:
Site ID: 0901242
Facility Region Id: 09
Latitude: +34.138889
Longitude: -119.181944
CoC Ind: Y
Contaminant Name: MANGANESE
FF Ind: N
NAI: N
Non-Primary Site-Sub Type: Not reported
NPL: Currently on the Final NPL
Primary Site-Sub Type: Batteries/scrap metals/secondary smelting/precious metal recovery (Recycling)
Special Initiative: Not reported

Site ID: 0901242
Facility Region Id: 09
Latitude: +34.138889
Longitude: -119.181944
CoC Ind: Y
Contaminant Name: THORIUM-232
FF Ind: N
NAI: N
Non-Primary Site-Sub Type: Not reported
NPL: Currently on the Final NPL
Primary Site-Sub Type: Batteries/scrap metals/secondary smelting/precious metal recovery (Recycling)
Special Initiative: Not reported

Site ID: 0901242
Facility Region Id: 09
Latitude: +34.138889
Longitude: -119.181944
CoC Ind: Y
Contaminant Name: RADIOACTIVE
FF Ind: N
NAI: N
Non-Primary Site-Sub Type: Not reported
NPL: Currently on the Final NPL
Primary Site-Sub Type: Batteries/scrap metals/secondary smelting/precious metal recovery (Recycling)
Special Initiative: Not reported

Site ID: 0901242
Facility Region Id: 09
Latitude: +34.138889
Longitude: -119.181944

HALACO ENGINEERING COMPANY (Continued) **1000144948**

CoC Ind:	Y
Contaminant Name:	RADIUM
FF Ind:	N
NAI:	N
Non-Primary Site-Sub Type:	Not reported
NPL:	Currently on the Final NPL
Primary Site-Sub Type:	Batteries/scrap metals/secondary smelting/precious metal recovery (Recycling)
Special Initiative:	Not reported
Site ID:	0901242
Facility Region Id:	09
Latitude:	+34.138889
Longitude:	-119.181944
CoC Ind:	Y
Contaminant Name:	LEAD
FF Ind:	N
NAI:	N
Non-Primary Site-Sub Type:	Not reported
NPL:	Currently on the Final NPL
Primary Site-Sub Type:	Batteries/scrap metals/secondary smelting/precious metal recovery (Recycling)
Special Initiative:	Not reported

CORTESE:

Name:	HALACO ENGINEERING INC
Address:	6200 PERKINS RD
City,State,Zip:	OXNARD, CA 93033
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611100834
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
Name:	HALACO ENGINEERING INC
Address:	6200 PERKINS RD
City,State,Zip:	OXNARD, CA 93033
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611100980
Site/Facility Type:	LUST CLEANUP SITE

HALACO ENGINEERING COMPANY (Continued) **1000144948**

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

DOD Region East 1/2-1 4394 ft. **CHANNEL ISLANDS ANG STATION** **DOD** **CUSA401187**
N/A
, CA

Focus Map: 6

DOD:

Site Name:	CHANNEL ISLANDS ANG STATION
DOD Component:	AF Guard
Joint Base:	N/A
Operating Status:	ACT (Active): Site has an on-going operational/support mission (s).

A1 Target Property **PROGRESSIVE AUTO PARTS** **VENTURA CO. BWT** **S118099587**
1183 HUENEME RD. **N/A**
OXNARD, CA

Site 1 of 6 in cluster A

Actual: 17 ft.

Focus Map: 1

VENTURA CO. BWT:

Name:	PROGRESSIVE AUTO PARTS
Address:	1183 HUENEME RD.
City,State,Zip:	OXNARD, CA
Facility ID:	HM 569
Program:	Not reported

---

2 Target Property **HUENEME RD AND ARNOLD RD** **CHMIRS** **S110422192**
OXNARD, CA **N/A**

Actual: 21 ft.

Focus Map: 5

CHMIRS:

Name:	Not reported
Address:	HUENEME RD AND ARNOLD RD
City,State,Zip:	OXNARD, CA
OES Incident Number:	08-6261
OES notification:	08/27/2008
OES Date:	Not reported
OES Time:	Not reported

(Continued) **S110422192**

Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Other
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Qt.(s)
Other:	Not reported
Date/Time:	2030
Year:	2008
Agency:	So Cal Edison
Incident Date:	8/27/2008
Admin Agency:	Oxnard Fire Department
Amount:	Not reported
Contained:	No
Site Type:	Not reported
E Date:	Not reported
Substance:	Mineral Oil
Quantity Released:	1
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported

(Continued) **S110422192**

Evacs: Not reported
Injuries: Not reported
Fatals: Not reported
Comments: Not reported
Description: Equipment failure on a pole top transformer resulted in a spray of mineral oil onto soil.

B3 Target Property **REMIE CALLENS** **RGA LUST** **S114675633**
1552 HUENEME RD E **N/A**
OXNARD, CA

Site 1 of 11 in cluster B

Actual: 17 ft.
Focus Map: 4

RGA LUST:
Name: REMIE CALLENS
Address: 1552 HUENEME RD E
City: OXNARD
State: OXNARD
1998 REMIE CALLENS 1552 HUENEME RD E
Name: REMIE CALLENS
Address: 1552 HUENEME RD E
City: OXNARD
State: OXNARD
1997 REMIE CALLENS 1552 HUENEME RD E
Name: REMIE CALLENS
Address: 1552 HUENEME RD E
City: OXNARD
State: OXNARD
1996 REMIE CALLENS 1552 HUENEME RD E
Name: REMIE CALLENS
Address: 1552 HUENEME RD E
City: OXNARD
State: OXNARD
1995 REMIE CALLENS 1552 HUENEME RD E

B4 Target Property **REMIE CALLENS** **FINDS** **1023227504**
1552 HUENEME RD **N/A**
OXNARD, CA 93033

Site 2 of 11 in cluster B

Actual: 17 ft.
Focus Map: 4

FINDS:
Registry ID: 110065143400

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

B5 Target Property | **REMIE J CALLENS ESTATE**
1552 EAST HUENEME ROAD
OXNARD, CA 93030 | **HAZNET** | **S112866836**
HWTS | **N/A**

Site 3 of 11 in cluster B

Actual: 17 ft.

Focus Map: 4

HAZNET:

Name:	REMIE J CALLENS ESTATE
Address:	1552 EAST HUENEME ROAD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930300000
Contact:	90DAY EXT PER KIM EXPS 6-5-96
Telephone:	8056485111
Mailing Name:	Not reported
Mailing Address:	ATTN TOM OLSON , ATTORNEY
Year:	1995
Gepaid:	CAC001104848
TSD EPA ID:	CAT080013352
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	R01 - Recycler
Tons:	3.6696
Year:	1995
Gepaid:	CAC001104848
TSD EPA ID:	CAD000088252
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H01 - Transfer Station
Tons:	0.1251
Year:	1995
Gepaid:	CAC001104848
TSD EPA ID:	CAD000088252
CA Waste Code:	612 - Household waste
Disposal Method:	H01 - Transfer Station
Tons:	0.3717
Year:	1995
Gepaid:	CAC001104848
TSD EPA ID:	CAD000088252
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H01 - Transfer Station
Tons:	0.462

Additional Info:

Year:	1995
Gen EPA ID:	CAC001104848
Shipment Date:	19951003
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951004
Manifest ID:	95440232
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352

REMIE J CALLENS ESTATE (Continued) **S112866836**

Trans Name:	Not reported
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:	R01 - Recycler
Quantity Tons:	3.6696
Waste Quantity:	880
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:	19950928
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950929
Manifest ID:	95660641
Trans EPA ID:	CAD982440364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	D006
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0458
Waste Quantity:	11
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:	19950928
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950929
Manifest ID:	95660641
Trans EPA ID:	CAD982440364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P

REMIE J CALLENS ESTATE (Continued) **S112866836**

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:	19950928
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950929
Manifest ID:	95660643
Trans EPA ID:	CAD982440364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
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:	19950928
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950929
Manifest ID:	95660643
Trans EPA ID:	CAD982440364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
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:	0.462
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950928
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950929

REMIE J CALLENS ESTATE (Continued) **S112866836**

Manifest ID:	95660641
Trans EPA ID:	CAD982440364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0959
Waste Quantity:	23
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:	19950928
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950929
Manifest ID:	95660641
Trans EPA ID:	CAD982440364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	REMIE J CALLENS ESTATE
Address:	1552 EAST HUENEME ROAD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93030
EPA ID:	CAC001104848
Inactive Date:	10/25/2000
Create Date:	07/05/1995
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	ATTN TOM OLSON , ATTORNEY
Mailing Address 2:	Not reported

REMIE J CALLENS ESTATE (Continued) **S112866836**

Mailing City,State,Zip:	VENTURA, CA 930020000
Owner Name:	ESTATE OF JAMIE J CALLENS
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	90DAY EXT PER KIM EXPS 6-5-96
Contact Address:	KIM JORDAN 805 525-5563
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	34.147318
Longitude:	-119.157943

B6 Target Property **REMIE CALLENS** **UST** **U002169207**
1552 HUENEME ROAD **N/A**
OXNARD, CA

Site 4 of 11 in cluster B

Actual: 17 ft.
Focus Map: 4

VENTURA CO. UST:

Name:	REMIE CALLENS
Address:	1552 HUENEME ROAD
City:	OXNARD
Facility ID:	D 928
Facility Status:	Inactive

B7 Target Property **REMIE J CALLENS RANCH ACC** **HIST UST** **U001579984**
1552 E HUENEME RD **N/A**
OXNARD, CA 93033

Site 5 of 11 in cluster B

Actual: 17 ft.
Focus Map: 4

HIST UST:

Name:	REMIE J CALLENS RANCH ACC
Address:	1552 E HUENEME RD
City,State,Zip:	OXNARD, CA 93033
File Number:	0002cd20
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002cd20.pdf
Region:	STATE
Facility ID:	00000037480
Facility Type:	Other
Other Type:	RANCHER
Contact Name:	SELF OR OWNER
Telephone:	8054885269
Owner Name:	REMIE J. CALLENS
Owner Address:	1552 E. HUENEME RD
Owner City,St,Zip:	OXNARD, CA 93033
Total Tanks:	0002
Tank Num:	001

REMIE J CALLENS RANCH ACC (Continued) **U001579984**

Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

B8 Target Property **REMIE CALLENS** **LUST** **S103984078**
1552 HUENEME RD **N/A**
OXNARD, CA 93033

Site 6 of 11 in cluster B

Actual: 17 ft.

Focus Map: 4

LUST:

Name:	REMIE CALLENS
Address:	1552 HUENEME RD
City,State,Zip:	OXNARD, CA 93033
Lead Agency:	VENTURA COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611100754
Global Id:	T0611100754
Latitude:	34.1472716
Longitude:	-119.14813
Status:	Completed - Case Closed
Status Date:	05/23/1995
Case Worker:	Not reported
RB Case Number:	C-91057
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	91057
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Map Move
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	06/05/1991
Leak Reported Date:	06/05/1991
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	05/23/1995
CA Water Watershed Name:	Calleguas - Oxnard Plain - East Of Oxnard (408.11)

REMIE CALLENS (Continued) **S103984078**

Dwr Groundwater Subbasin Name: Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 91-95%
CA Enviroscreen 4 Score: 85-90%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: LOS ANGELES RWQCB (REGION 4)
Site History: Not reported

LUST:
Global Id: T0611100754
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

LUST:
Global Id: T0611100754
Action Type: ENFORCEMENT
Date: 06/05/1991
Action: * Historical Enforcement

Global Id: T0611100754
Action Type: Other
Date: 06/05/1991
Action: Leak Reported

Global Id: T0611100754
Action Type: Other
Date: 06/05/1991
Action: Leak Discovery

LUST:
Global Id: T0611100754
Status: Open - Case Begin Date
Status Date: 06/05/1991

Global Id: T0611100754
Status: Open - Site Assessment
Status Date: 06/05/1991

Global Id: T0611100754
Status: Open - Remediation
Status Date: 06/26/1992

Global Id: T0611100754
Status: Open - Site Assessment
Status Date: 07/15/1993

Global Id: T0611100754
Status: Open - Remediation
Status Date: 06/06/1994

Global Id: T0611100754

REMIE CALLENS (Continued) **S103984078**

Status: Open - Verification Monitoring
Status Date: 06/06/1994

Global Id: T0611100754
Status: Completed - Case Closed
Status Date: 05/23/1995

B9 Target Property **1X CALLENS, REMIE J**
1552 E HUEMEME RD
OXNARD, CA 93030

HAZNET S123734881
HWTS N/A

Site 7 of 11 in cluster B

Actual: 17 ft.

Focus Map: 4

HAZNET:
Name: 1X CALLENS, REMIE J
Address: 1552 E HUEMEME RD
Address 2: Not reported
City,State,Zip: OXNARD, CA 930300000
Contact: TOM OLSON ATTORNEY
Telephone: 8056485111
Mailing Name: Not reported
Mailing Address: HENRY P BUCKINGHAM

Year: 1991
Gepaid: CAC000572520
TSD EPA ID: HAHQ36017252
CA Waste Code: -
Disposal Method: 01 -
Tons: 2.1475

Year: 1991
Gepaid: CAC000572520
TSD EPA ID: CAD980883177
CA Waste Code: 222 - Oil/water separation sludge
Disposal Method: R01 - Recycler
Tons: 3.4402

HWTS:
Name: 1X CALLENS, REMIE J
Address: 1552 E HUEMEME RD
Address 2: Not reported
City,State,Zip: OXNARD, CA 93030
EPA ID: CAC000572520
Inactive Date: 10/25/2000
Create Date: 03/05/1991
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: HENRY P BUCKINGHAM
Mailing Address 2: Not reported
Mailing City,State,Zip: VENTURA, CA 930010000
Owner Name: REMIE CALLENS
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,State,Zip: Not reported
Owner Phone: Not reported

1X CALLENS, REMIE J (Continued) **S123734881**

Owner Fax:	Not reported
Contact Name:	TOM OLSON ATTORNEY
Contact Address:	EX 04-04-92/MB
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	34.147333
Longitude:	-119.158294

B10 Target Property **REMIE CALLENS** **LUST** **S104164782**
1552 HUENEME RD **Cortese** **N/A**
OXNARD, CA 93033 **HIST CORTESE**
CERS

Site 8 of 11 in cluster B

Actual: 17 ft.

Focus Map: 4

LUST REG 4:

Region:	4
Regional Board:	04
County:	Ventura
Facility Id:	C-91057
Status:	Case Closed
Substance:	Gasoline
Substance Quantity:	Not reported
Local Case No:	91057
Case Type:	Soil
Abatement Method Used at the Site:	Excavate and Dispose
Global ID:	T0611100754
W Global ID:	Not reported
Staff:	UNK
Local Agency:	56000L
Cross Street:	Not reported
Enforcement Type:	EF
Date Leak Discovered:	6/5/1991
Date Leak First Reported:	6/5/1991
Date Leak Record Entered:	Not reported
Date Confirmation Began:	6/5/1991
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	Not reported
Date the Case was Closed:	5/23/1995
How Leak Discovered:	Not reported
How Leak Stopped:	Not reported
Cause of Leak:	Not reported
Leak Source:	Not reported
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	5638.562058881019605169955566 2
Source of Cleanup Funding:	F
Preliminary Site Assessment Workplan Submitted:	6/5/1991
Preliminary Site Assessment Began:	7/15/1993
Pollution Characterization Began:	7/15/1993
Remediation Plan Submitted:	6/6/1994
Remedial Action Underway:	6/26/1992
Post Remedial Action Monitoring Began:	6/6/1994

REMIE CALLENS (Continued) **S104164782**

Enforcement Action Date:	6/5/1991
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	REMIE CALLENS
RP Address:	Not reported
Program:	LUST
Lat/Long:	34.1471034 / -1
Local Agency Staff:	EHD
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

VENTURA CO. LUST:

Name:	REMIE CALLENS
Address:	1552 HUENEME RD
City:	OXNARD
Region:	VENTURA
Facility ID:	91057
Status:	Case Closed

CORTESE:

Name:	REMIE CALLENS
Address:	1552 HUENEME RD
City,State,Zip:	OXNARD, CA 93033
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611100754
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

REMIE CALLENS (Continued) **S104164782**

HIST CORTESE:

edr_fname:	REMIE CALLENS
edr_fadd1:	1552 HUENEME
City,State,Zip:	OXNARD, CA 93033
Region:	CORTESE
Facility County Code:	56
Reg By:	LTNKA
Reg Id:	C-91057

CERS:

Name:	REMIE CALLENS
Address:	1552 HUENEME RD
City,State,Zip:	OXNARD, CA 93033
Site ID:	679701
CERS ID:	T0611100754
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766714,

B11 Target Property **1X REMIE J CALLENS** **HAZNET** **S123747248**
1552 EAST HUENEME ROAD **HWTS** **N/A**
OXNARD, CA 93033

Site 9 of 11 in cluster B

Actual: 17 ft.

Focus Map: 4

HAZNET:

Name:	1X REMIE J CALLENS
Address:	1552 EAST HUENEME ROAD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930330000
Contact:	THOMAS OLSON/ATTORNEY
Telephone:	8056485111
Mailing Name:	Not reported
Mailing Address:	P O BOX 7115
Year:	1992
Gepaid:	CAC000809280
TSD EPA ID:	CAD000088252
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H01 - Transfer Station
Tons:	0.1251

HWTS:

Name:	1X REMIE J CALLENS
Address:	1552 EAST HUENEME ROAD
Address 2:	Not reported

1X REMIE J CALLENS (Continued) **S123747248**

City,State,Zip:	OXNARD, CA 93033
EPA ID:	CAC000809280
Inactive Date:	10/25/2000
Create Date:	06/17/1992
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	P O BOX 7115
Mailing Address 2:	Not reported
Mailing City,State,Zip:	VENTURA, CA 930060000
Owner Name:	REMIE J CALLENS
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	THOMAS OLSON/ATTORNEY
Contact Address:	Not reported
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	34.147318
Longitude:	-119.157943

B12 Target Property **REMIE CALLENS** **RGA LUST** **S114675634**
1552 HUENEME RD., E. **N/A**
OXNARD, CA

Site 10 of 11 in cluster B

Actual: 17 ft.
Focus Map: 4

RGA LUST:

Name:	REMIE CALLENS		
Address:	1552 HUENEME RD., E.		
City:	OXNARD		
State:	OXNARD		
	1994	REMIE CALLENS	1552 HUENEME RD., E.
Name:	REMIE CALLENS		
Address:	1552 HUENEME RD., E.		
City:	OXNARD		
State:	OXNARD		
	1993	REMIE CALLENS	1552 HUENEME RD., E.

B13 Target Property **REMIE CALLENS** **RGA LUST** **S114675635**
1552 HUENEME RD **N/A**
OXNARD, CA

Site 11 of 11 in cluster B

Actual: 17 ft.
Focus Map: 4

RGA LUST:

Name:	REMIE CALLENS
Address:	1552 HUENEME RD
City:	OXNARD
State:	OXNARD

REMIE CALLENS (Continued) **S114675635**

2012 REMIE CALLENS 1552 HUENEME RD
Name: REMIE CALLENS
Address: 1552 HUENEME RD
City: OXNARD
State: OXNARD
2011 REMIE CALLENS 1552 HUENEME RD
Name: REMIE CALLENS
Address: 1552 HUENEME RD
City: OXNARD
State: OXNARD
2010 REMIE CALLENS 1552 HUENEME RD
Name: REMIE CALLENS
Address: 1552 HUENEME RD
City: OXNARD
State: OXNARD
2009 REMIE CALLENS 1552 HUENEME RD
Name: REMIE CALLENS
Address: 1552 HUENEME RD
City: OXNARD
State: OXNARD
2008 REMIE CALLENS 1552 HUENEME RD
Name: REMIE CALLENS
Address: 1552 HUENEME RD
City: OXNARD
State: OXNARD
2007 REMIE CALLENS 1552 HUENEME RD
Name: REMIE CALLENS
Address: 1552 HUENEME RD
City: OXNARD
State: OXNARD
2006 REMIE CALLENS 1552 HUENEME RD
Name: REMIE CALLENS
Address: 1552 HUENEME RD
City: OXNARD
State: OXNARD
2005 REMIE CALLENS 1552 HUENEME RD
Name: REMIE CALLENS
Address: 1552 HUENEME RD
City: OXNARD
State: OXNARD
2003 REMIE CALLENS 1552 HUENEME RD
Name: REMIE CALLENS
Address: 1552 HUENEME RD
City: OXNARD
State: OXNARD
2002 REMIE CALLENS 1552 HUENEME RD
Name: REMIE CALLENS
Address: 1552 HUENEME RD
City: OXNARD
State: OXNARD
2001 REMIE CALLENS 1552 HUENEME RD
Name: REMIE CALLENS
Address: 1552 HUENEME RD
City: OXNARD
State: OXNARD
2000 REMIE CALLENS 1552 HUENEME RD

14 Target Property | **HUENEME RD RECYCLED WATER PIPELINE PHASE II**
OLDS RD TO WOOD RD
OXNARD, CA 93033 | **NPDES** | **S127777403**
CIWQS | **N/A**

Actual:
21 ft.

Focus Map:
5

NPDES:

Name:	HUENEME RD RECYCLED WATER PIPELINE PHASE II
Address:	OLDS RD TO WOOD RD
City,State,Zip:	OXNARD, CA 93033
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 56C394460
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	08/03/2022
Operator Name:	City of Oxnard
Operator Address:	305 W Third street East Wing 2nd floor
Operator City:	Oxnard
Operator State:	California
Operator Zip:	93030

Name:	HUENEME RD RECYCLED WATER PIPELINE PHASE II
Address:	OLDS RD TO WOOD RD
City,State,Zip:	OXNARD, CA 93033
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 56C394460
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	08/03/2022

HUENEME RD RECYCLED WATER PIPELINE PHASE II (Continued) **S127777403**

Operator Name:	City of Oxnard
Operator Address:	305 W Third street East Wing 2nd floor
Operator City:	Oxnard
Operator State:	California
Operator Zip:	93030

Name:	HUENEME RD RECYCLED WATER PIPELINE PHASE II
Address:	OLDS RD TO WOOD RD
City,State,Zip:	OXNARD, CA 93033
Facility Status:	Terminated
NPDES Number:	CAS000002
Region:	4
Agency Number:	0
Regulatory Measure ID:	536822
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	4 56C394460
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/15/2021
Termination Date Of Regulatory Measure:	07/06/2022
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	305 W Third street East Wing 2nd floor
Discharge Name:	City of Oxnard
Discharge City:	Oxnard
Discharge State:	California
Discharge Zip:	93030
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

CIWQS:

Name:	HUENEME RD RECYCLED WATER PIPELINE PHASE II
Address:	OLDS RD TO WOOD RD
City,State,Zip:	OXNARD, CA 93033
Agency:	City of Oxnard
Agency Address:	305 W Third street East Wing 2nd floor, Oxnard , CA 93030
Place/Project Type:	Construction - Below Ground, Water/Sewer Line
SIC/NAICS:	Not reported
Region:	4
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	4 56C394460
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	07/15/2021
Termination Date:	07/06/2022
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported

HUENEME RD RECYCLED WATER PIPELINE PHASE II (Continued) **S127777403**

Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 34.147244
Longitude: -119.148561

C15 Target Property **VERIZON CALIFORNIA: MUGU CO** **FINDS** **1016422699**
2463 HUENEME ROAD **N/A**
OXNARD, CA 93033

Site 1 of 11 in cluster C

Actual: 23 ft.
Focus Map: 5

FINDS:
Registry ID: 110055707908

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

C16 Target Property **VERIZON MUGU CENTRAL OFFICE** **RGA LUST** **S114718636**
2463 HUENEME RD **N/A**
OXNARD, CA

Site 2 of 11 in cluster C

Actual: 23 ft.
Focus Map: 5

RGA LUST:
Name: VERIZON MUGU CENTRAL OFFICE
Address: 2463 HUENEME RD
City: OXNARD
State: OXNARD
2012 VERIZON MUGU CENTRAL OFFICE 2463 HUENEME RD
Name: VERIZON MUGU CENTRAL OFFICE
Address: 2463 HUENEME RD
City: OXNARD
State: OXNARD
2011 VERIZON MUGU CENTRAL OFFICE 2463 HUENEME RD
Name: VERIZON MUGU CENTRAL OFFICE
Address: 2463 HUENEME RD
City: OXNARD
State: OXNARD
2010 VERIZON MUGU CENTRAL OFFICE 2463 HUENEME RD
Name: VERIZON MUGU CENTRAL OFFICE
Address: 2463 HUENEME RD
City: OXNARD
State: OXNARD
2009 VERIZON MUGU CENTRAL OFFICE 2463 HUENEME RD
Name: VERIZON MUGU CENTRAL OFFICE
Address: 2463 HUENEME RD
City: OXNARD
State: OXNARD
2008 VERIZON MUGU CENTRAL OFFICE 2463 HUENEME RD
Name: VERIZON MUGU CENTRAL OFFICE
Address: 2463 HUENEME RD

VERIZON MUGU CENTRAL OFFICE (Continued) **S114718636**

City:	OXNARD		
State:	OXNARD		
	2007	VERIZON MUGU CENTRAL OFFICE	2463 HUENEME RD
Name:	VERIZON MUGU CENTRAL OFFICE		
Address:	2463 HUENEME RD		
City:	OXNARD		
State:	OXNARD		
	2006	VERIZON MUGU CENTRAL OFFICE	2463 HUENEME RD
Name:	VERIZON MUGU CENTRAL OFFICE		
Address:	2463 HUENEME RD		
City:	OXNARD		
State:	OXNARD		
	2005	VERIZON MUGU CENTRAL OFFICE	2463 HUENEME RD

C17 **VERIZON CA INC** **HWTS** **S124632049**
Target **2463 HUENEME ROAD** **N/A**
Property **POINT MUGU, CA 93030**

Site 3 of 11 in cluster C

Actual:
23 ft.

Focus Map:
5

HWTS:

Name:	VERIZON CA INC
Address:	2463 HUENEME ROAD
Address 2:	Not reported
City,State,Zip:	POINT MUGU, CA 93030
EPA ID:	CAC002796784
Inactive Date:	03/13/2015
Create Date:	12/12/2014
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 725
Mailing Address 2:	Not reported
Mailing City,State,Zip:	CHINO, CA 91708
Owner Name:	VERIZON CA INC
Owner Address:	PO BOX 725
Owner Address 2:	Not reported
Owner City,State,Zip:	CHINO, CA 91708
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	MASOOD CHOUDHURY
Contact Address:	PO BOX 725
Contact Address 2:	Not reported
City,State,Zip:	CHINO, CA 91708
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	34.152151
Longitude:	-119.086646

C18 Target Property | **VERIZON CALIFORNIA, INC**
2463 HUENEME RD
OXNARD, CA 93030 | **HWTS** | **S124574648**
N/A

Site 4 of 11 in cluster C

Actual: 23 ft.
Focus Map: 5

HWTS:

Name:	VERIZON CALIFORNIA, INC
Address:	2463 HUENEME RD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93030
EPA ID:	CAC002562997
Inactive Date:	09/11/2003
Create Date:	03/14/2003
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 725
Mailing Address 2:	Not reported
Mailing City,State,Zip:	CHINO, CA 91708
Owner Name:	VERIZON CALIFORNIA, INC
Owner Address:	PO BOX 725
Owner Address 2:	Not reported
Owner City,State,Zip:	CHINO, CA 91708
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	KIM BRAY
Contact Address:	PO BOX 725
Contact Address 2:	Not reported
City,State,Zip:	CHINO, CA 91708
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	34.147222
Longitude:	-119.143516

C19 Target Property | **GENERAL TELEPHONE OF CALIFORNIA**
2463 HUENEME RD
OXNARD, CA 93030 | **HAZNET**
HWTS | **S123613520**
N/A

Site 5 of 11 in cluster C

Actual: 23 ft.
Focus Map: 5

HAZNET:

Name:	GENERAL TELEPHONE OF CALIFORNIA
Address:	2463 HUENEME RD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930300000
Contact:	INACTIVE PER SURVEY 12-22-94
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	PO BOX 725
Year:	1993
Gepaid:	CAD980890453
TSD EPA ID:	CAD088504881
CA Waste Code:	792 - Liquids with pH <= 2 with metals
Disposal Method:	R01 - Recycler
Tons:	4.45

GENERAL TELEPHONE OF CALIFORNIA (Continued) **S123613520**

Additional Info:

Year:	1993
Gen EPA ID:	CAD980890453
Shipment Date:	19930521
Creation Date:	9/9/1995 0:00:00
Receipt Date:	19930521
Manifest ID:	92667348
Trans EPA ID:	CAD003986718
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD088504881
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	4.45
Waste Quantity:	8900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	GENERAL TELEPHONE OF CALIFORNIA
Address:	2463 HUENEME RD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93030
EPA ID:	CAD980890453
Inactive Date:	01/01/1995
Create Date:	04/10/1987
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 725
Mailing Address 2:	Not reported
Mailing City,State,Zip:	CHINO, CA 917080000
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	INACTIVE PER SURVEY 12-22-94
Contact Address:	LH
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE

GENERAL TELEPHONE OF CALIFORNIA (Continued) **S123613520**

Latitude: 34.147222
Longitude: -119.143516

C20 Target Property | **1X GENERAL TELEPHONE OF CA**
2463 HUENEME RD.
OXNARD, CA 93030 | **HAZNET** **S123769464**
HWTS **N/A**

Site 6 of 11 in cluster C

Actual: 23 ft.

Focus Map: 5

HAZNET:

Name:	1X GENERAL TELEPHONE OF CA
Address:	2463 HUENEME RD.
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930300000
Contact:	SCOTT RICE
Telephone:	7146276571
Mailing Name:	Not reported
Mailing Address:	P.O. BOX 725
Year:	1985
Gepaid:	CAP999000628
TSD EPA ID:	CAD980884183
CA Waste Code:	512 - Other empty containers 30 gallons or more
Disposal Method:	H01 - Transfer Station
Tons:	0.15

HWTS:

Name:	1X GENERAL TELEPHONE OF CA
Address:	2463 HUENEME RD.
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93030
EPA ID:	CAP999000628
Inactive Date:	12/19/2000
Create Date:	03/18/1986
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	P.O. BOX 725
Mailing Address 2:	Not reported
Mailing City,State,Zip:	CHINO, CA 917100000
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	SCOTT RICE
Contact Address:	Not reported
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	FEDERAL
Latitude:	34.147222
Longitude:	-119.143516

C21 Target Property | **GENERAL TELEPHONE**
2463 HUENEME RD
OXNARD, CA 93030 | **SWEEPS UST**
CA FID UST
HAZNET
HWTS | **S101631208**
N/A

Site 7 of 11 in cluster C

Actual: 23 ft.

Focus Map: 5

SWEEPS UST:

Name:	GENERAL TELEPHONE
Address:	2463 HUENEME RD
City:	OXNARD
Status:	Active
Comp Number:	1441
Number:	9
Board Of Equalization:	44-003721
Referral Date:	09-30-92
Action Date:	09-30-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	56-000-001441-000001
Tank Status:	A
Capacity:	4000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	1

CA FID UST:

Facility ID:	56004447
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	2463 HUENEME RD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OXNARD 93030
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HAZNET:

Name:	FRONTIER CALIFORNIA INC
Address:	2463 HUENEME RD.
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93042
Contact:	MASOOD CHOUDHURY
Telephone:	9096205962
Mailing Name:	Not reported
Mailing Address:	PO BOX 725
Year:	2016
Gepaid:	CAC002861771

GENERAL TELEPHONE (Continued) **S101631208**

TSD EPA ID:	CAD028409019
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.2919

HWTS:

Name:	FRONTIER CALIFORNIA INC
Address:	2463 HUENEME RD.
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93042
EPA ID:	CAC002861771
Inactive Date:	08/20/2016
Create Date:	05/20/2016
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 725
Mailing Address 2:	Not reported
Mailing City,State,Zip:	CHINO, CA 91708
Owner Name:	FRONTEIRE CALIFORNIA INC
Owner Address:	PO BOX 725
Owner Address 2:	Not reported
Owner City,State,Zip:	CHINO, CA 91708
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	MASOOD CHOUDHURY
Contact Address:	PO BOX 725
Contact Address 2:	Not reported
City,State,Zip:	CHINO, CA 91708
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	34.147288
Longitude:	-119.143198

C22 **VERIZON MUGU CENTRAL OFFICE** **FINDS** **1023319292**
Target **2463 HUENEME RD** **N/A**
Property **OXNARD, CA 93033**

Site 8 of 11 in cluster C

Actual:
23 ft.

FINDS:
Registry ID: 110066128050

Focus Map:
5

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

C23 Target Property | **FRONTIER CALIFORNIA: MUGU CO**
2463 HUENEME ROAD
OXNARD, CA 93033 | **UST** | **U004355658**
N/A

Site 9 of 11 in cluster C

Actual: 23 ft.

Focus Map: 5

UST:

Name:	FRONTIER CALIFORNIA: MUGU CO
Address:	2463 HUENEME ROAD
City,State,Zip:	OXNARD, CA 93033
Facility ID:	Not reported
Permitting Agency:	Ventura County Environmental Health
CERSID:	10141583
Latitude:	Not reported
Longitude:	Not reported
Owner type:	Non-Government
Facility type:	Other
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	Frontier California Inc.
Tank owner mailing address:	280 S. Locust St.
Tank owner mailing city:	Pomona
Tank owner mailing zip:	91766
Tank owner mailing state:	CA
Tank operator name:	Frontier California Inc.
Tank operator mailing address:	280 S. Locust St
Tank operator mailing city:	Pomona
Tank operator mailing zip:	91766
Tank operator mailing state:	CA
Tankidnumber:	001
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	7/1/1992 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Diesel
Tank capacity gallons:	4000
Tank type:	Double Wall
Tank pc construction:	Steel
Tank pwpiping construction:	Flexible
Tank piping type:	Conventional Suction
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	No
Tank alarms:	Yes
Tank ball float:	No
Tank spill bucket:	Yes

Name:	FRONTIER CALIFORNIA: MUGU CO
Address:	2463 HUENEME ROAD
City,State,Zip:	OXNARD, CA 93033
Facility ID:	Not reported
Permitting Agency:	Ventura County Environmental Health
CERSID:	Not reported
Latitude:	Not reported

FRONTIER CALIFORNIA: MUGU CO (Continued) **U004355658**

Longitude:	Not reported
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

C24 Target Property | **VERIZON MUGU CENTRAL OFFICE** | **LUST** | **S105773976**
2463 HUENEME RD | **VENTURA CO. BWT** | **N/A**
OXNARD, CA 93033 | **Cortese**
CERS

Site 10 of 11 in cluster C

Actual: 23 ft.
Focus Map: 5

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	C-03039	
Status:	Case Closed	
Substance:	Diesel	
Substance Quantity:	Not reported	
Local Case No:	03039	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0611170899	
W Global ID:	Not reported	
Staff:	UNK	

VERIZON MUGU CENTRAL OFFICE (Continued) **S105773976**

Local Agency:	56000L	
Cross Street:	CASPER	
Enforcement Type:	CLOS	
Date Leak Discovered:	8/4/2003	
Date Leak First Reported:		8/4/2003
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	8/4/2003	
Date Leak Stopped:	8/4/2003	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		12/23/2003
How Leak Discovered:	OM	
How Leak Stopped:	Other Means	
Cause of Leak:	Other Cause	
Leak Source:	Other Source	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		Not reported
Source of Cleanup Funding:		Other Source
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	MASOOD CHOUDHURY	
RP Address:	P.O. BOX 725	
Program:	LUST	
Lat/Long:	0 / 0	
Local Agency Staff:	DCS	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

VENTURA CO. LUST:

Name:	VERIZON MUGU CENTRAL OFFICE
Address:	2463 HUENEME RD
City:	OXNARD
Region:	VENTURA
Facility ID:	03039
Status:	Case Closed

LUST:

Name:	VERIZON MUGU CENTRAL OFFICE

VERIZON MUGU CENTRAL OFFICE (Continued) **S105773976**

Address:	2463 HUENEME RD
City,State,Zip:	OXNARD, CA 93033
Lead Agency:	VENTURA COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611170899
Global Id:	T0611170899
Latitude:	34.147223
Longitude:	-119.143363
Status:	Completed - Case Closed
Status Date:	12/23/2003
Case Worker:	Not reported
RB Case Number:	C03039
Local Agency:	Not reported
File Location:	Local Agency Warehouse
Local Case Number:	03039
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	08/04/2003
Leak Reported Date:	08/04/2003
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Other
Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	12/23/2003
CA Water Watershed Name:	Calleguas - Oxnard Plain - East Of Oxnard (408.11)
Dwr Groundwater Subbasin Name:	Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	91-95%
CA Enviroscreen 4 Score:	85-90%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	LOS ANGELES RWQCB (REGION 4)
Site History:	Not reported

LUST:

Global Id:	T0611170899
Contact Type:	Regional Board Caseworker
Contact Name:	DANIEL PIROTTON
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	dpirotton@waterboards.ca.gov
Phone Number:	2135766714

LUST:

Global Id:	T0611170899
Action Type:	ENFORCEMENT
Date:	12/23/2003
Action:	Closure/No Further Action Letter

Global Id:	T0611170899

VERIZON MUGU CENTRAL OFFICE (Continued) **S105773976**

Action Type: ENFORCEMENT
Date: 09/02/2003
Action: Notice of Responsibility

Global Id: T0611170899
Action Type: ENFORCEMENT
Date: 10/30/2003
Action: * Historical Enforcement

Global Id: T0611170899
Action Type: Other
Date: 08/04/2003
Action: Leak Reported

Global Id: T0611170899
Action Type: ENFORCEMENT
Date: 01/01/2016
Action: File review

Global Id: T0611170899
Action Type: Other
Date: 08/04/2003
Action: Leak Discovery

Global Id: T0611170899
Action Type: Other
Date: 08/04/2003
Action: Leak Stopped

LUST:
Global Id: T0611170899
Status: Open - Case Begin Date
Status Date: 08/04/2003

Global Id: T0611170899
Status: Open - Site Assessment
Status Date: 08/04/2003

Global Id: T0611170899
Status: Completed - Case Closed
Status Date: 12/23/2003

VENTURA CO. BWT:
Name: FRONTIER CALIFORNIA: MUGU CO
Address: 2463 HUENEME RD
City,State,Zip: OXNARD, CA
Facility ID: FA0004962
Program: BUSINESS PLAN/CUPA UNDERGROUND TANKS

CORTESE:
Name: VERIZON MUGU CENTRAL OFFICE
Address: 2463 HUENEME RD
City,State,Zip: OXNARD, CA 93033
Region: CORTESE
Envirostor Id: Not reported

VERIZON MUGU CENTRAL OFFICE (Continued) **S105773976**

Global ID:	T0611170899
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:	VERIZON MUGU CENTRAL OFFICE
Address:	2463 HUENEME RD
City,State,Zip:	OXNARD, CA 93033
Site ID:	695911
CERS ID:	T0611170899
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766714,

C25 Target Property **VERIZON CALIF-MUGU PARK CO** **UST** **U004350296**
2463 HUENEME RD. **N/A**
OXNARD, CA 93033

Site 11 of 11 in cluster C

Actual: 23 ft.

Focus Map: 5

UST:

Name:	VERIZON CALIF-MUGU PARK CO
Address:	2463 HUENEME RD.
City,State,Zip:	OXNARD, CA 93033
Facility ID:	856
Permitting Agency:	VENTURA COUNTY
CERSID:	Not reported
Latitude:	34.08518
Longitude:	-119.083431
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported

VERIZON CALIF-MUGU PARK CO (Continued) **U004350296**

Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

---

26 Target Property **SOUTHLAND SOD FARM**
HUENEME & CASPER RD/6000 CASP
PORT HUENEME, CA 93030

HAZNET **S123762944**
HWTS **N/A**

Actual: 23 ft.

Focus Map: 5

HAZNET:

Name:	SOUTHLAND SOD FARM
Address:	HUENEME & CASPER RD/6000 CASP
Address 2:	Not reported
City,State,Zip:	PORT HUENEME, CA 930300000
Contact:	INACT PER 4/22/94 LTR BY
Telephone:	8054883585
Mailing Name:	Not reported
Mailing Address:	P O BOX 579
Year:	1992
Gepaid:	CAL000000435
TSD EPA ID:	CAD099452708
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H01 - Transfer Station
Tons:	0.6922

HWTS:

SOUTHLAND SOD FARM (Continued) **S123762944**

Name:	SOUTHLAND SOD FARM
Address:	HUENEME & CASPER RD/6000 CASP
Address 2:	Not reported
City,State,Zip:	PORT HUENEME, CA 93030
EPA ID:	CAL000000435
Inactive Date:	12/31/1899
Create Date:	11/14/1989
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	P O BOX 579
Mailing Address 2:	Not reported
Mailing City,State,Zip:	PORT HUENEME, CA 930440579
Owner Name:	NERNER GRAAMCKOW
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	INACT PER 4/22/94 LTR BY
Contact Address:	P FRANK SULLIVAN - CONTROLLER
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	34.147242
Longitude:	-119.144561

D27 **SUCCESS VALLEY FARMS** **NPDES** **S124866411**
Target **1850 E HUENEME RD** **HWTS** **N/A**
Property **OXNARD, CA 93033**

Site 1 of 7 in cluster D

Actual:
20 ft.

Focus Map:
5

NPDES:

Name:	ABC ORANICS INC
Address:	1850 EAST HUENEME RD
City,State,Zip:	OXNARD, CA 93060
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	Not reported
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported

SUCCESS VALLEY FARMS (Continued) **S124866411**

Discharge Zip:	Not reported
Status:	Returned
Status Date:	07/20/2021
Operator Name:	Abc Oranics Inc
Operator Address:	1850 East Hueneme Rd
Operator City:	Oxnard
Operator State:	California
Operator Zip:	93060

HWTS:

Name:	SUCCESS VALLEY FARMS
Address:	1850 E HUENEME RD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
EPA ID:	CAL000320348
Inactive Date:	06/30/2017
Create Date:	06/06/2007
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 20559
Mailing Address 2:	Not reported
Mailing City,State,Zip:	OXNARD, CA 930340559
Owner Name:	SUCCESS VALLEY FARMS
Owner Address:	841 COMMERCIAL AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	OXNARD, CA 930307498
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	ED HIGASHI
Contact Address:	PO BOX 20559
Contact Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930340559
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	34.147293
Longitude:	-119.153475

NAICS:

EPA ID:	CAL000320348
Create Date:	2007-06-06 09:54:23.323
NAICS Code:	111334
NAICS Description:	Berry (except Strawberry) Farming
Issued EPA ID Date:	2007-06-06 09:54:23.32300
Inactive Date:	2017-06-30 00:00:00
Facility Name:	SUCCESS VALLEY FARMS
Facility Address:	1850 E HUENEME RD
Facility Address 2:	Not reported
Facility City:	OXNARD
Facility County:	Not reported
Facility State:	CA
Facility Zip:	930338705

D28 Target Property | **ABC ORGANICS**
1850 E HUENEME RD STE A
OXNARD, CA 93033 | **FINDS ECHO** | **1023244759 N/A**

Site 2 of 7 in cluster D

Actual: 20 ft.
Focus Map: 5

FINDS:
Registry ID: 110065329683

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1023244759
Registry ID:	110065329683
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110065329683
Name:	ABC ORGANICS
Address:	1850 E HUENEME RD STE A
City,State,Zip:	OXNARD, CA 93033

D29 Target Property | **SUCCESS VALLEY FARMS**
1850 E HUENEME RD
OXNARD, CA 93033 | **FINDS** | **1016873785 N/A**

Site 3 of 7 in cluster D

Actual: 20 ft.
Focus Map: 5

FINDS:
Registry ID: 110059739895

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

D30 Target Property | **ABC ORGANICS**
1850 E HUENEME RD
OXNARD, CA 93033 | **RCRA NonGen / NLR** | **1027213705 CAC003178302**

Site 4 of 7 in cluster D

Actual: 20 ft.
Focus Map: 5

RCRA Listings:

Date Form Received by Agency:	20220527
Handler Name:	Abc Organics
Handler Address:	1850 E HUENEME RD
Handler City,State,Zip:	OXNARD, CA 93033
EPA ID:	CAC003178302
Contact Name:	JOSH FREEMAN

ABC ORGANICS (Continued) **1027213705**

Contact Address:	501 S REINO RD
Contact City,State,Zip:	NEWBURY PARK, CA 91320
Contact Telephone:	805-559-5156
Contact Fax:	Not reported
Contact Email:	JOSH@ABCORGANICS.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:	501 S REINO RD
Mailing City,State,Zip:	NEWBURY PARK, CA 91320
Owner Name:	Lisa Agulia
Owner Type:	Other
Operator Name:	Josh Freeman
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20220602
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

ABC ORGANICS (Continued) **1027213705**

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: LISA AGULIA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	501 S REINO RD
Owner/Operator City,State,Zip:	NEWBURY PARK, CA 91320
Owner/Operator Telephone:	805-559-5156
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: JOSH FREEMAN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	501 S REINO RD
Owner/Operator City,State,Zip:	NEWBURY PARK, CA 91320
Owner/Operator Telephone:	805-559-5156
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20220527
Handler Name: ABC ORGANICS	
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:	424910
NAICS Description:	FARM SUPPLIES MERCHANT WHOLESALERS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

D31 Target Property | **ABC ORGANICS**
1850 E HUENEME RD STE A
OXNARD, CA 93033 | **VENTURA CO. BWT** | **S116499715**
CERS | **N/A**

Site 5 of 7 in cluster D

Actual: 20 ft.

Focus Map: 5

VENTURA CO. BWT:

Name:	ABC ORGANICS
Address:	1850 E HUENEME RD A
City,State,Zip:	OXNARD, CA
Facility ID:	FA0033029
Program:	BUSINESS PLAN - FARM

CERS:

Name:	ABC ORGANICS
Address:	1850 E HUENEME RD STE A
City,State,Zip:	OXNARD, CA 93033
Site ID:	89260
CERS ID:	10497844
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	89260
Site Name:	ABC ORGANICS
Violation Date:	04-26-2022
Citation:	HSC 6.95 25507.1(a)(2) - California Health and Safety Code, Chapter 6.95, Section(s) 25507.1(a)(2)
Violation Description:	Failure of agricultural handler to post warning signs on buildings where pesticides, petroleum, or fertilizers are stored, that are visible from any direction of probable approach, contain all required information, and are in appropriate language.
Violation Notes:	Returned to compliance on 05/25/2022.
Violation Division:	Ventura County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	89260
Site Name:	ABC ORGANICS
Violation Date:	06-19-2017
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 07/14/2017.
Violation Division:	Ventura County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	89260
Site Name:	ABC ORGANICS
Violation Date:	04-21-2014
Citation:	HSC 6.95 25503.5(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25503.5(a)
Violation Description:	Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes:	Returned to compliance on 04/21/2014.
Violation Division:	Ventura County Environmental Health

ABC ORGANICS (Continued) **S116499715**

Violation Program: HMRRP
Violation Source: CERS,

Site ID: 89260
Site Name: ABC ORGANICS
Violation Date: 04-21-2014
Citation: 22 CCR 15 66265.53 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.53
Violation Description: Failure to maintain at the facility a copy of the contingency plan and all its revisions and to submit a copy to the local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services.
Violation Notes: Returned to compliance on 06/24/2014.
Violation Division: Ventura County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-26-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-19-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-14-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: INSPECTION, FOLLOW UP QA/QC
Eval Division: Ventura County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2014

ABC ORGANICS (Continued) **S116499715**

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Ventura County Environmental Health
Entity Title: Not reported
Affiliation Address: 800 South Victoria Avenue
Affiliation City: Ventura
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93009
Affiliation Phone: (805) 654-2813,

Affiliation Type Desc: Environmental Contact
Entity Name: Karlie Harris
Entity Title: Not reported
Affiliation Address: 1850 E Hueneme Rd
Affiliation City: Oxnard
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93033
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Karlie Harris
Entity Title: Office 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: Operator
Entity Name: ABC Organics
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: (866) 545-9005,

ABC ORGANICS (Continued) **S116499715**

Affiliation Type Desc:	Document Preparer
Entity Name:	Karlie Harris
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:	501 S Reino Rd Suite 370
Affiliation City:	Newbury Park
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91320
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	ABC Organics
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	Lisa Berman-Agulia
Entity Title:	Not reported
Affiliation Address:	501 S Reino Rd Suite 370
Affiliation City:	Newbury Park
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91320
Affiliation Phone:	(805) 953-6358,

D32 **SUCCESS VALLEY FARMS** **HWTS** **S124592945**
Target **1850 E HUENEME RD** **N/A**
Property **OXNARD, CA 93033**

Site 6 of 7 in cluster D

Actual:
20 ft.

Focus Map:
5

HWTS:

Name:	ABC ORGANICS
Address:	1850 E HUENEME RD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
EPA ID:	CAC003178302
Inactive Date:	08/26/2022
Create Date:	05/27/2022
Last Act Date:	08/27/2022
Mailing Name:	Not reported
Mailing Address:	501 S REINO RD

SUCCESS VALLEY FARMS (Continued) **S124592945**

Mailing Address 2:	SUITE 370
Mailing City,State,Zip:	NEWBURY PARK, CA 91320
Owner Name:	LISA AGULIA
Owner Address:	501 S REINO RD
Owner Address 2:	SUITE 370
Owner City,State,Zip:	NEWBURY PARK, CA 91320
Owner Phone:	8055595156
Owner Fax:	Not reported
Contact Name:	JOSH FREEMAN
Contact Address:	501 S REINO RD
Contact Address 2:	SUITE 370
City,State,Zip:	NEWBURY PARK, CA 91320
Contact Phone:	8055595156
Contact Fax:	Not reported
Facility Status:	Not reported
Facility Type:	Not reported
Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	SUCCESS VALLEY FARMS
Address:	1850 E HUENEME RD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
EPA ID:	CAC002617415
Inactive Date:	06/06/2007
Create Date:	06/06/2007
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	841 COMMERCIAL AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	OXNARD, CA 930307498
Owner Name:	SUCCESS VALLEY FARMS
Owner Address:	841 COMMERCIAL AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	OXNARD, CA 930307498
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	ED HIGASHI
Contact Address:	841 COMMERCIAL AVE
Contact Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930307498
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	34.147293
Longitude:	-119.153475

D33 Target Property | **ALIVAS PARK**
1850 HUENEME RD
OXNARD, CA 93033 | **HWTS** | **S124828926**
N/A

Site 7 of 7 in cluster D

Actual: 20 ft.
Focus Map: 5

HWTS:

Name:	ALIVAS PARK
Address:	1850 HUENEME RD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
EPA ID:	CAL000224121
Inactive Date:	06/30/2001
Create Date:	04/30/2001
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	1850 HUENEME RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	OXNARD, CA 930330000
Owner Name:	ALIVAS PARK
Owner Address:	1850 HUENEME RD
Owner Address 2:	Not reported
Owner City,State,Zip:	OXNARD, CA 930330000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	ALBERTO TELLEZ/ MECHANIC
Contact Address:	1850 HUENEME RD
Contact Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930330000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	34.147298
Longitude:	-119.153959

E34 Target Property | **NALCO COMPANY INC**
7908 HUENEME
OXNARD, CA 93033 | **HWTS** | **S124607373**
N/A

Site 1 of 2 in cluster E

Actual: 22 ft.
Focus Map: 5

HWTS:

Name:	NALCO COMPANY INC
Address:	7908 HUENEME
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
EPA ID:	CAC002663679
Inactive Date:	08/31/2011
Create Date:	03/03/2011
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	1601 W DIEHL RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	NAPERVILLE, IL 60563
Owner Name:	NALCO COMPANY INC
Owner Address:	1601 W DIEHL RD
Owner Address 2:	Not reported
Owner City,State,Zip:	NAPERVILLE, IL 60563

NALCO COMPANY INC (Continued) **S124607373**

Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	BRIAN BONDS
Contact Address:	1601 W DIEHL RD
Contact Address 2:	Not reported
City,State,Zip:	NAPERVILLE, IL 60563
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	34.147217
Longitude:	-119.143025

E35 **1X AMERICAN MERLIN VESSEL #988732** **HAZNET** **S112842456**
Target **PORT HUANEME** **HWTS** **N/A**
Property **OXNARD, CA 0**

Site 2 of 2 in cluster E

Actual:
22 ft.

Focus Map:
5

HAZNET:

Name:	1X AMERICAN MERLIN VESSEL #988732
Address:	PORT HUANEME
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 000000000
Contact:	GREG PAWLAK
Telephone:	3104368151
Mailing Name:	Not reported
Mailing Address:	1025 THOMAS JEFFERSON ST NW
Year:	1993
Gepaid:	CAC000751056
TSD EPA ID:	CAT000646117
CA Waste Code:	-
Disposal Method:	D80 - Disposal, Land Fill
Tons:	7.5
Year:	1993
Gepaid:	CAC000751056
TSD EPA ID:	CAD980883177
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	R01 - Recycler
Tons:	62.55
Year:	1993
Gepaid:	CAC000751056
TSD EPA ID:	CAD980883177
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	19

Additional Info:

Year:	1993
Gen EPA ID:	CAC000751056
Shipment Date:	19930224

1X AMERICAN MERLIN VESSEL #988732 (Continued) **S112842456**

Creation Date:	3/26/1996 0:00:00
Receipt Date:	19930302
Manifest ID:	91646100
Trans EPA ID:	CAD095146296
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
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:	D80 - Disposal, Land Fill
Quantity Tons:	7.5
Waste Quantity:	15000
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:	19930223
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19930224
Manifest ID:	91646097
Trans EPA ID:	CAD095146296
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980883177
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:	20.85
Waste Quantity:	5000
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:	19930223
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19930224
Manifest ID:	91646033
Trans EPA ID:	CAD095146296
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980883177
Trans Name:	Not reported

1X AMERICAN MERLIN VESSEL #988732 (Continued) **S112842456**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	19
Waste Quantity:	5000
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:	19930222
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19930224
Manifest ID:	91646032
Trans EPA ID:	CAD695146296
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980883177
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:	20.85
Waste Quantity:	5000
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:	19930222
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19930225
Manifest ID:	91646034
Trans EPA ID:	CAD095146296
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980883177
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:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported

1X AMERICAN MERLIN VESSEL #988732 (Continued) **S112842456**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	1X AMERICAN MERLIN VESSEL #988732
Address:	PORT HUANEME
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 0
EPA ID:	CAC000751056
Inactive Date:	10/25/2000
Create Date:	02/23/1993
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	1025 THOMAS JEFFERSON ST NW
Mailing Address 2:	Not reported
Mailing City,State,Zip:	WASHINGTON D.C. 200070000
Owner Name:	OSPREY SHIP MANAGEMENT COMPANY
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	GREG PAWLAK
Contact Address:	Not reported
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	34.147217
Longitude:	-119.143025

---

36 **SWIFT RANCH INC** **HAZNET** **S113123475**
Target **3121 HUANEME** **HWTS** **N/A**
Property **OXNARD, CA 93033**

Actual:
18 ft.

Focus Map:
6

HAZNET:

Name:	SWIFT BRANCH INC
Address:	3121 HUANEME
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
Contact:	Sam Mosqueda/mechanic
Telephone:	8059862580
Mailing Name:	Not reported
Mailing Address:	3121 Huaneme
Year:	2002
Gepaid:	CAL000262785
TSD EPA ID:	CAT080013352
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	R01 - Recycler
Tons:	0.47955

SWIFT RANCH INC (Continued) **S113123475**

Year:	2002
Gepaid:	CAL000262785
TSD EPA ID:	CAT080033681
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	0.988

Additional Info:

Year:	2002
Gen EPA ID:	CAL000262785
Shipment Date:	20021218
Creation Date:	3/29/2003 18:31:12
Receipt Date:	20021227
Manifest ID:	22071370
Trans EPA ID:	CAD983609678
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:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.988
Waste Quantity:	260
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:	20021218
Creation Date:	4/10/2003 10:20:47
Receipt Date:	20021230
Manifest ID:	22071368
Trans EPA ID:	CAD983609678
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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.47955
Waste Quantity:	115
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

SWIFT RANCH INC (Continued) **S113123475**

Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	SWIFT RANCH INC
Address:	3121 HUANEME
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
EPA ID:	CAL000262785
Inactive Date:	Not reported
Create Date:	11/25/2002
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	3121 HUENEME RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	OXNARD, CA 93033
Owner Name:	SWIFT BRANCH INC
Owner Address:	3121 HUENEME RD
Owner Address 2:	Not reported
Owner City,State,Zip:	OXNARD, CA 93033
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	SAM MOSQUEDA
Contact Address:	3121 HUENEME ROAD
Contact Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Active
Facility Type:	PERMANENT
Category:	STATE
Latitude:	34.147127
Longitude:	-119.13036

NAICS:

EPA ID:	CAL000262785
Create Date:	2002-11-25 10:19:41.013
NAICS Code:	11111
NAICS Description:	Soybean Farming
Issued EPA ID Date:	2002-11-25 10:19:40.98300
Inactive Date:	Not reported
Facility Name:	SWIFT RANCH INC
Facility Address:	3121 HUANEME
Facility Address 2:	Not reported
Facility City:	OXNARD
Facility County:	Not reported
Facility State:	CA
Facility Zip:	93033

F37 Target Property | **LAUBACHER FARM INC**
2840 E HUENEME RD
OXNARD, CA 93033 | **FINDS** | **1024662515**
ECHO | **N/A**

Site 1 of 4 in cluster F

Actual: 18 ft.

Focus Map: 6

FINDS:
Registry ID: 110070450909

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1024662515
Registry ID:	110070450909
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070450909
Name:	LAUBACHER FARM INC
Address:	2840 E HUENEME RD
City,State,Zip:	OXNARD, CA 93033

F38 Target Property | **LAUBACHER FARM INC**
2840 E HUENEME RD
OXNARD, CA 93033 | **RCRA NonGen / NLR** | **1024802748**
CAL000249100

Site 2 of 4 in cluster F

Actual: 18 ft.

Focus Map: 6

RCRA Listings:

Date Form Received by Agency:	20020402
Handler Name:	Laubacher Farm Inc
Handler Address:	2840 E HUENEME RD
Handler City,State,Zip:	OXNARD, CA 93033-8112
EPA ID:	CAL000249100
Contact Name:	JACOB MCGUIRE
Contact Address:	421 EASTWOOD DR
Contact City,State,Zip:	OXNARD, CA 93030-0000
Contact Telephone:	805-291-6248
Contact Fax:	805-488-8712
Contact Email:	JACOB@LAUBACHERFARMS.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:	421 EASTWOOD DR
Mailing City,State,Zip:	OXNARD, CA 93030-4014
Owner Name:	Henry Laubacher

LAUBACHER FARM INC (Continued) **1024802748**

Owner Type:	Other
Operator Name:	Jacob Mcguire
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: JACOB MCGUIRE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	421 EASTWOOD DR
Owner/Operator City,State,Zip:	OXNARD, CA 93030-0000
Owner/Operator Telephone:	805-291-6248
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

LAUBACHER FARM INC (Continued) **1024802748**

Owner/Operator Indicator: Owner
Owner/Operator Name: HENRY LAUBACHER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 421 EASTWOOD DR
Owner/Operator City,State,Zip: OXNARD, CA 93030-0000
Owner/Operator Telephone: 805-488-6191
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20020402
Handler Name: LAUBACHER FARM INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 111219
NAICS Description: OTHER VEGETABLE (EXCEPT POTATO) AND MELON FARMING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F39 **HOME RANCH** **CERS HAZ WASTE** **S122221750**
Target **2840 E HUENEME RD** **VENTURA CO. BWT** **N/A**
Property **OXNARD, CA 93033** **CERS**

Site 3 of 4 in cluster F

Actual: 18 ft.
Focus Map: 6

CERS HAZ WASTE:
Name: HOME RANCH
Address: 2840 E HUENEME RD
City,State,Zip: OXNARD, CA 93033
Site ID: 433918
CERS ID: 10746592
CERS Description: Hazardous Waste Generator

VENTURA CO. BWT:
Name: HOME RANCH
Address: 2840 E HUENEME RD
City,State,Zip: OXNARD, CA

HOME RANCH (Continued) **S122221750**

Facility ID: FA0036861
Program: BUSINESS PLAN - FARM/HAZARDOUS WASTE GENERATOR

CERS:
Name: HOME RANCH
Address: 2840 E HUENEME RD
City,State,Zip: OXNARD, CA 93033
Site ID: 433918
CERS ID: 10746592
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 433918
Site Name: Home Ranch
Violation Date: 11-05-2021
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 11/30/2021.
Violation Division: Ventura County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-05-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-11-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-11-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-05-2021
Violations Found: No
Eval Type: Routine done by local agency

HOME RANCH (Continued) **S122221750**

Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-05-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-03-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Follow up inspection.
Eval Division: Ventura County Environmental Health
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 433918
Facility Name: Home Ranch
Env Int Type Code: HMBP
Program ID: 10746592
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.147110
Longitude: -119.136530

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Henry Laubacher Sr
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: Henry Laubacher Sr
Entity Title: Secretary
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Laubacher Farms

HOME RANCH (Continued) **S122221750**

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:	(805) 488-6191,

Affiliation Type Desc:	Legal Owner
Entity Name:	Henry Laubacher Sr.
Entity Title:	Not reported
Affiliation Address:	PO Box 1859
Affiliation City:	PT Hueneme
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93044
Affiliation Phone:	(805) 488-6191,

Affiliation Type Desc:	CUPA District
Entity Name:	Ventura County Environmental Health
Entity Title:	Not reported
Affiliation Address:	800 South Victoria Avenue
Affiliation City:	Ventura
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93009
Affiliation Phone:	(805) 654-2813,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Henry Laubacher Sr
Entity Title:	Not reported
Affiliation Address:	421 Eastwood Drive
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO Box 1859
Affiliation City:	PT Hueneme
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93044
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Laubacher Farms, 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:	,

F40 Target Property | **LAUBACHER FARM INC**
2840 E HUENEME RD
OXNARD, CA 93033 | **HWTS** | **S124833327**
N/A

Site 4 of 4 in cluster F

Actual: 18 ft.

Focus Map: 6

HWTS:

Name:	LAUBACHER FARM INC
Address:	2840 E HUENEME RD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
EPA ID:	CAL000249100
Inactive Date:	06/30/2021
Create Date:	04/02/2002
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 1859
Mailing Address 2:	Not reported
Mailing City,State,Zip:	PORT HUENEME, CA 930440000
Owner Name:	HENRY LAUBACHER
Owner Address:	PO BOX 1859
Owner Address 2:	Not reported
Owner City,State,Zip:	PORT HUENEME, CA 930440000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	KURT JOHANNSSEN
Contact Address:	PO BOX 1859
Contact Address 2:	Not reported
City,State,Zip:	PORT HUENEME, CA 93044
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	34.147173
Longitude:	-119.135841

NAICS:

EPA ID:	CAL000249100
Create Date:	2002-04-02 14:35:11.123
NAICS Code:	111219
NAICS Description:	Other Vegetable (except Potato) and Melon Farming
Issued EPA ID Date:	2002-04-02 14:35:11.09300
Inactive Date:	Not reported
Facility Name:	LAUBACHER FARM INC
Facility Address:	2840 E HUENEME RD
Facility Address 2:	Not reported
Facility City:	OXNARD
Facility County:	Not reported
Facility State:	CA
Facility Zip:	930338112

G41 Target Property | **NAUMANN BROS**
3000 HUENEME ROAD E.
OXNARD, CA | **RGA LUST** | **S114659032**
N/A

Site 1 of 9 in cluster G

Actual: 18 ft.
Focus Map: 6

RGA LUST:

Name:	NAUMANN BROS		
Address:	3000 HUENEME ROAD E.		
City:	OXNARD		
State:	OXNARD		
	1993	NAUMANN BROS	3000 HUENEME ROAD E.
Name:	NAUMANN BROS		
Address:	3000 HUENEME ROAD E.		
City:	OXNARD		
State:	OXNARD		
	1992	NAUMANN BROS	3000 HUENEME ROAD E.

G42 Target Property | **NAUMANN BROS**
3000 HUENEME RD E
OXNARD, CA | **RGA LUST** | **S114659031**
N/A

Site 2 of 9 in cluster G

Actual: 18 ft.
Focus Map: 6

RGA LUST:

Name:	NAUMANN BROS		
Address:	3000 HUENEME RD E		
City:	OXNARD		
State:	OXNARD		
	1998	NAUMANN BROS	3000 HUENEME RD E
Name:	NAUMANN BROS		
Address:	3000 HUENEME RD E		
City:	OXNARD		
State:	OXNARD		
	1997	NAUMANN BROS	3000 HUENEME RD E
Name:	NAUMANN BROS		
Address:	3000 HUENEME RD E		
City:	OXNARD		
State:	OXNARD		
	1996	NAUMANN BROS	3000 HUENEME RD E
Name:	NAUMANN BROS		
Address:	3000 HUENEME RD E		
City:	OXNARD		
State:	OXNARD		
	1995	NAUMANN BROS	3000 HUENEME RD E
Name:	NAUMANN BROS		
Address:	3000 HUENEME RD E		
City:	OXNARD		
State:	OXNARD		
	1994	NAUMANN BROS	3000 HUENEME RD E

G43 Target Property | **OCEAN VIEW PRODUCE- COOLER LOCATION** | **FINDS** | **1023255424**
3000 E HUENEME RD | **N/A**
OXNARD, CA 93033

Site 3 of 9 in cluster G

Actual: 18 ft.
Focus Map: 6

FINDS:
Registry ID: 110065443933

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

G44 Target Property | **OCEANVIEW PRODUCE CO.** | **FINDS** | **1023375076**
3000 HUENEME | **N/A**
OXNARD, CA 93033

Site 4 of 9 in cluster G

Actual: 18 ft.
Focus Map: 6

FINDS:
Registry ID: 110066731451

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

G45 Target Property | **OCEANVIEW PRODUCE CO.** | **WDS** | **S101699971**
3000 E HUENEME RD | **N/A**
OXNARD, CA 93034

Site 5 of 9 in cluster G

Actual: 18 ft.
Focus Map: 6

WDS:

Name:	OCEANVIEW PRODUCE CO.
Address:	3000 E Hueneme Rd
City:	OXNARD
Facility ID:	Santa Clara River 566700010
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	Not reported
Subregion:	4
Facility Telephone:	8054885683
Facility Contact:	Gerald Brggers
Agency Name:	OCEANVIEW PRODUCE CO.
Agency Address:	Not reported
Agency City,St,Zip:	0
Agency Contact:	Not reported
Agency Telephone:	Not reported
Agency Type:	Private
SIC Code:	139
SIC Code 2:	Not reported

OCEANVIEW PRODUCE CO. (Continued) **S101699971**

Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Primary Waste:	MISCEL
Waste Type2:	Not reported
Waste2:	Miscellaneous (Includes wastes from dewatering, recreational lake overflow, swimming pool wastes, water ride wastewater, ground water seepage and other wastes of this type)
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxicwastes) with numerous discharge points, leak detection systems or ground water monitoring wells.

G46 Target Property **OCEANVIEW PRODUCE CO.** **CERS** **S123511543**
3000 HUENEME **N/A**
OXNARD, CA 93033

Site 6 of 9 in cluster G

Actual: 18 ft.

Focus Map: 6

CERS:

Name:	OCEANVIEW PRODUCE CO.
Address:	3000 HUENEME
City,State,Zip:	OXNARD, CA 93033
Site ID:	352203
CERS ID:	246551
CERS Description:	Waste Discharge Requirements

Enforcement Action:

Site ID:	352203
Site Name:	Oceanview Produce Co.
Site Address:	3000 HUENEME
Site City:	OXNARD
Site Zip:	93033
Enf Action Date:	03-15-2012
Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	UNSPEC

OCEANVIEW PRODUCE CO. (Continued) **S123511543**

Enf Action Source: CIWQS,

G47 Target Property **OCEANVIEW PRODUCE CO.**
3000 EAST HUENEME ROAD
OXNARD, CA 93033

ENF **S112264768**
WDR **N/A**
CIWQS

Site 7 of 9 in cluster G

Actual: 18 ft.

Focus Map: 6

ENF:

Name:	OCEANVIEW PRODUCE CO.
Address:	3000 EAST HUENEME ROAD
City,State,Zip:	OXNARD, CA 93033
Region:	4
Facility Id:	246551
Agency Name:	Oceanview Produce Co.
Place Type:	Irrigated Land
Place Subtype:	Irrigated Lands
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.14725
Place Longitude:	-119.14665
SIC Code 1:	139
SIC Desc 1:	Field Crops, Except Cash Grains, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Miscellaneous
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRNONMUNIPRCS
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	4A566700010
Reg Measure Id:	193076
Reg Measure Type:	Enrollee
Region:	4
Order #:	93-010
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No

OCEANVIEW PRODUCE CO. (Continued) **S112264768**

Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	200
Status:	Historical
Status Date:	02/05/2014
Effective Date:	09/27/1996
Expiration/Review Date:	12/31/2012
Termination Date:	09/28/2012
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	387337
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	03/15/2012
Adoption/Issuance Date:	03/15/2012
Achieve Date:	Not reported
Termination Date:	04/16/2012
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV 03/15/2012 for Oceanview Produce Co.
Description:	NOV issued on 03/15/2012 for failing to submit semi-annual monitoring reports
Program:	WDR
Latest Milestone Completion Date:	4/16/2012
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

WDR:

Name:	OCEANVIEW PRODUCE CO.
Address:	3000 EAST HUENEME ROAD
City,State,Zip:	OXNARD, CA 93033
Global ID:	WDR100000400
Status:	HISTORICAL - WDR
Census Tract:	6111004715

CIWQS:

Name:	OCEANVIEW PRODUCE CO.
Address:	3000 EAST HUENEME ROAD
City,State,Zip:	OXNARD, CA 93033
Agency:	Oceanview Produce Co.

OCEANVIEW PRODUCE CO. (Continued) **S112264768**

Agency Address:	Po Box 2887, Oxnard, CA 93034
Place/Project Type:	Irrigated Lands
SIC/NAICS:	139
Region:	4
Program:	WDRNONMUNIPRCS
Regulatory Measure Status:	Historical
Regulatory Measure Type:	Enrollee
Order Number:	93-010
WDID:	4A566700010
NPDES Number:	Not reported
Adoption Date:	Not reported
Effective Date:	09/27/1996
Termination Date:	09/28/2012
Expiration/Review Date:	12/31/2012
Design Flow:	0.0001
Major/Minor:	Not reported
Complexity:	C
TTWQ:	3
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.14725
Longitude:	-119.14665

G48 Target Property **DOLE/OCEANVIEW PRODUCE**
3000 E HUENEME RD
OXNARD, CA 93033

VENTURA CO. BWT **S104994121**
HAZNET **N/A**
CERS
HWTS

Site 8 of 9 in cluster G

Actual: 18 ft.

Focus Map: 6

VENTURA CO. BWT:

Name:	ANACAPA FRESH LOGISTICS FAC #2
Address:	3000 E HUENEME RD
City,State,Zip:	OXNARD, CA
Facility ID:	FA0005309
Program:	BUSINESS PLAN

HAZNET:

Name:	DOLE/OCEANVIEW PRODUCE
Address:	3000 E HUENEME RD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
Contact:	JAIME MORENO/ROBBIE MISNER
Telephone:	8319700668
Mailing Name:	Not reported
Mailing Address:	PO BOX 2887
Year:	2015
Gepaid:	CAL000385664
TSD EPA ID:	AZR000501510
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.155

DOLE/OCEANVIEW PRODUCE (Continued) **S104994121**

Additional Info:

Year:	2015
Gen EPA ID:	CAL000385664
Shipment Date:	20150831
Creation Date:	2/26/2016 22:15:15
Receipt Date:	20150914
Manifest ID:	014313551JJK
Trans EPA ID:	CAD983613688
Trans Name:	MILES CHEMICAL COMPANY
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
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:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.155
Waste Quantity:	275
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:	ANACAPA FRESH LOGISTICS 2 - HUENEME RD.
Address:	3000 E HUENEME RD
City,State,Zip:	OXNARD, CA 93033
Site ID:	398533
CERS ID:	10332625
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	398533
Site Name:	Anacapa Fresh Logistics 2 - Hueneme Rd.
Violation Date:	02-23-2015
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes:	Returned to compliance on 03/13/2015.
Violation Division:	Ventura County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	398533
Site Name:	Anacapa Fresh Logistics 2 - Hueneme Rd.
Violation Date:	07-19-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.

DOLE/OCEANVIEW PRODUCE (Continued) **S104994121**

Violation Notes: Returned to compliance on 08/02/2016.
Violation Division: Ventura County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 398533
Site Name: Anacapa Fresh Logistics 2 - Hueneme Rd.
Violation Date: 07-19-2016
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 08/02/2016.
Violation Division: Ventura County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 398533
Site Name: Anacapa Fresh Logistics 2 - Hueneme Rd.
Violation Date: 01-07-2014
Citation: 19 CCR 4.5 2755.2(d) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2755.2(d)
Violation Description: Failure to include the consideration of external events, including seismic events.
Violation Notes: Returned to compliance on 04/16/2014.
Violation Division: Ventura County Environmental Health
Violation Program: CalARP
Violation Source: CERS,

Site ID: 398533
Site Name: Anacapa Fresh Logistics 2 - Hueneme Rd.
Violation Date: 02-23-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 03/13/2015.
Violation Division: Ventura County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-23-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

DOLE/OCEANVIEW PRODUCE (Continued) **S104994121**

Eval Date: 07-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-06-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: CalARP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-13-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-31-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: CalARP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-08-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2016
Violations Found: No
Eval Type: Routine done by local agency

DOLE/OCEANVIEW PRODUCE (Continued) **S104994121**

Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-23-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-13-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-31-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 398533
Facility Name: Anacapa Fresh Logistics 2 - Hueneme Rd.
Env Int Type Code: HMBP
Program ID: 10332625
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 34.147085
Longitude: -119.134536

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Ventura County Environmental Health
Entity Title: Not reported
Affiliation Address: 800 South Victoria Avenue
Affiliation City: Ventura
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93009
Affiliation Phone: (805) 654-2813,

Affiliation Type Desc: Legal Owner
Entity Name: Anacapa Fresh Logistics, LLC
Entity Title: Not reported

DOLE/OCEANVIEW PRODUCE (Continued) **S104994121**

Affiliation Address:	771 Mountain View Avenue
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93030
Affiliation Phone:	(805) 874-4660,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Anacapa Fresh Logistics, LLC
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:	771 Mountain View Avenue
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Nicole Muller
Entity Title:	General 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:	Document Preparer
Entity Name:	Cloud Consulting/Ray Cloud
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Nicole Muller
Entity Title:	Not reported
Affiliation Address:	771 Mountain View Avenue
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	,

DOLE/OCEANVIEW PRODUCE (Continued) **S104994121**

Affiliation Type Desc:	Operator
Entity Name:	Anacapa Fresh Logistics, LLC - Nicole Muller, General Manager
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:	(805) 874-4660,

HWTS:

Name:	DOLE/OCEANVIEW PRODUCE
Address:	3000 E HUENEME RD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
EPA ID:	CAL000385664
Inactive Date:	06/30/2015
Create Date:	05/23/2013
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 2887
Mailing Address 2:	Not reported
Mailing City,State,Zip:	OXNARD, CA 93034
Owner Name:	DOLE/OCEANVIEW PRODUCE
Owner Address:	3000 E HUENEME RD
Owner Address 2:	Not reported
Owner City,State,Zip:	OXNARD, CA 93033
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	JAIME MORENO/ROBBIE MISNER
Contact Address:	3000 E HUENEME RD
Contact Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	34.147079
Longitude:	-119.134496

NAICS:

EPA ID:	CAL000385664
Create Date:	2013-05-23 13:24:36.267
NAICS Code:	336399
NAICS Description:	All Other Motor Vehicle Parts Manufacturing
Issued EPA ID Date:	2013-05-23 13:24:36.26000
Inactive Date:	2015-06-30 00:00:00
Facility Name:	DOLE/OCEANVIEW PRODUCE
Facility Address:	3000 E HUENEME RD
Facility Address 2:	Not reported
Facility City:	OXNARD
Facility County:	Not reported
Facility State:	CA
Facility Zip:	93033

G49 Target Property | **NAUMAN BROS. PACKING**
3000 HUENEME ROAD
OXNARD, CA | **UST** | **U002244019**
N/A

Site 9 of 9 in cluster G

Actual: 18 ft.
Focus Map: 6

VENTURA CO. UST:

Name:	NAUMAN BROS. PACKING
Address:	3000 HUENEME ROAD
City:	OXNARD
Facility ID:	D 233
Facility Status:	Inactive

H50 Target Property | **1X NAUMANN BROS PACKING CO**
3250 E HUENEME RD
OXNARD, CA 93030 | **HAZNET**
HWTS | **S123703075**
N/A

Site 1 of 8 in cluster H

Actual: 19 ft.
Focus Map: 6

HAZNET:

Name:	1X NAUMANN BROS PACKING CO
Address:	3250 E HUENEME RD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930300000
Contact:	DIANE GRAU
Telephone:	8054886401
Mailing Name:	Not reported
Mailing Address:	3000 E HUENEME RD
Year:	1991
Gepaid:	CAC000025478
TSD EPA ID:	CAD089446710
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	R01 - Recycler
Tons:	0.2293
Year:	1989
Gepaid:	CAC000025478
TSD EPA ID:	CAD980883177
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	2.5437
Year:	1987
Gepaid:	CAC000025478
TSD EPA ID:	Not reported
CA Waste Code:	611 - Contaminated soil from site clean-up
Disposal Method:	03 -
Tons:	227.556
Year:	1987
Gepaid:	CAC000025478
TSD EPA ID:	Not reported
CA Waste Code:	-
Disposal Method:	-
Tons:	530.964
Year:	1987
Gepaid:	CAC000025478
TSD EPA ID:	Not reported

1X NAUMANN BROS PACKING CO (Continued) **S123703075**

CA Waste Code:	-
Disposal Method:	03 -
Tons:	30.3408

HWTS:

Name:	1X NAUMANN BROS PACKING CO
Address:	3250 E HUENEME RD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93030
EPA ID:	CAC000025478
Inactive Date:	10/25/2000
Create Date:	07/30/1987
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	3000 E HUENEME RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	OXNARD, CA 930300000
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	DIANE GRAU
Contact Address:	Not reported
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	34.14711
Longitude:	-119.127746

H51 **NAUMANN RANCH** **ECHO** **1026145359**
Target **3250 E HUENEME RD** **N/A**
Property **OXNARD, CA 93033**

Site 2 of 8 in cluster H

Actual:
19 ft.

Focus Map:
6

ECHO:

Envid:	1026145359
Registry ID:	110070800963
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070800963
Name:	NAUMANN RANCH
Address:	3250 E HUENEME RD
City,State,Zip:	OXNARD, CA 93033

H52 Target Property | **NAUMANN RANCH**
3250 E HUENEME RD
OXNARD, CA 93033 | **RCRA NonGen / NLR** | **1026057353**
CAL000453549

Site 3 of 8 in cluster H

Actual: 19 ft.

Focus Map: 6

RCRA Listings:

Date Form Received by Agency:	20200313
Handler Name:	Naumann Ranch
Handler Address:	3250 E HUENEME RD
Handler City,State,Zip:	OXNARD, CA 93033
EPA ID:	CAL000453549
Contact Name:	MICHAEL NAUMANN
Contact Address:	PO BOX 3723
Contact City,State,Zip:	CAMARILLO, CA 93011
Contact Telephone:	805-368-6486
Contact Fax:	Not reported
Contact Email:	MIKENAUMANN118@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 3723
Mailing City,State,Zip:	CAMARILLO, CA 93011
Owner Name:	Michael Naumann
Owner Type:	Other
Operator Name:	Michael Naumann
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

NAUMANN RANCH (Continued) **1026057353**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
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:	20200320
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 NAUMANN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3723
Owner/Operator City,State,Zip:	CAMARILLO, CA 93011
Owner/Operator Telephone:	805-368-6486
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: MICHAEL NAUMANN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3723
Owner/Operator City,State,Zip:	CAMARILLO, CA 93011
Owner/Operator Telephone:	805-368-6486
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200313
Handler Name: NAUMANN RANCH	
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

NAUMANN RANCH (Continued) **1026057353**

List of NAICS Codes and Descriptions:

NAICS Code:	111219
NAICS Description:	OTHER VEGETABLE (EXCEPT POTATO) AND MELON FARMING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

H53 Target Property **NAUMANN BROS MAINTENANCE SHOP**
3250 E HUENEME RD
OXNARD, CA 93034

HIST UST **U001579997**
N/A

Site 4 of 8 in cluster H

Actual: 19 ft.

Focus Map: 6

HIST UST:

Name:	NAUMANN BROS MAINTENANCE SHOP
Address:	3250 E HUENEME RD
City,State,Zip:	OXNARD, CA 93034
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000037160
Facility Type:	Other
Other Type:	MAINTENANCE SHOP
Contact Name:	GERALD K. MATSUMOTO
Telephone:	8054885633
Owner Name:	NAUMANN BROS
Owner Address:	3000 E. HUENEME ROAD
Owner City,St,Zip:	OXNARD, CA 93034
Total Tanks:	0003
Tank Num:	001
Container Num:	#1
Year Installed:	1977
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	#2
Year Installed:	1975
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	#3
Year Installed:	1975
Tank Capacity:	00004000

NAUMANN BROS MAINTENANCE SHOP (Continued) **U001579997**

Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

H54 Target Property | **NAUMANN BROS**
3250 E HUENEME RD
OXNARD, CA 93033 | **HIST UST** **S113031388**
HAZNET **N/A**
HWTS

Site 5 of 8 in cluster H

Actual: 19 ft.

Focus Map: 6

HIST UST:

Name:	NAUMANN BROS MAINTENANCE SHOP
Address:	3250 E HUENEME ROAD
City,State,Zip:	OXNARD, CA 93034
File Number:	0002cb7c
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002cb7c.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

HAZNET:

Name:	NAUMANN BROS
Address:	3250 E HUENEME RD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930330000
Contact:	GERALD BIGGERS - SHOP MANAGER
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	PO BOX 2887
Year:	2015
Gepaid:	CAL000026845
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:	0.578

NAUMANN BROS (Continued) **S113031388**

Year: 2005
Gepaid: CAL000026845
TSD EPA ID: CAT080033681
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 3.753

Year: 2004
Gepaid: CAL000026845
TSD EPA ID: CAT080033681
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 9.825

Year: 2004
Gepaid: CAL000026845
TSD EPA ID: CAT080033681
CA Waste Code: 352 - Other organic solids
Disposal Method: R01 - Recycler
Tons: 0.3

Year: 2004
Gepaid: CAL000026845
TSD EPA ID: CAT000613893
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.0336

Year: 2003
Gepaid: CAL000026845
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 0.22935

Year: 2003
Gepaid: CAL000026845
TSD EPA ID: CAT080033681
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 0.75

Year: 2003
Gepaid: CAL000026845
TSD EPA ID: CAT000613893
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.0504

Year: 2002
Gepaid: CAL000026845
TSD EPA ID: CAT080033681
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 1.1875

NAUMANN BROS (Continued) **S113031388**

Year:	2002
Gepaid:	CAL000026845
TSD EPA ID:	CAT000613893
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H01 - Transfer Station
Tons:	0.0378

Click this hyperlink while viewing on your computer to access
10 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2015
Gen EPA ID:	CAL000026845
Shipment Date:	20150205
Creation Date:	5/6/2015 22:15:19
Receipt Date:	20150209
Manifest ID:	014075025JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.578
Waste Quantity:	170
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:	CAL000026845
Shipment Date:	20051219
Creation Date:	3/14/2007 18:30:24
Receipt Date:	20051229
Manifest ID:	24775581
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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

NAUMANN BROS (Continued) **S113031388**

TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
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:	20050321
Creation Date:	7/20/2005 18:30:55
Receipt Date:	20050331
Manifest ID:	24325726
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	223 - Unspecified oil-containing waste
RCRA Code:	NONE
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

Additional Info:

Year:	2004
Gen EPA ID:	CAL000026845
Shipment Date:	20040915
Creation Date:	12/21/2004 18:31:57
Receipt Date:	20040923
Manifest ID:	24090943
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	R01 - Recycler
Quantity Tons:	0.3

NAUMANN BROS (Continued) **S113031388**

Waste Quantity:	600
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:	20040520
Creation Date:	10/15/2004 10:47:43
Receipt Date:	20040526
Manifest ID:	23477883
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
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:	0.0168
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
Shipment Date:	20040211
Creation Date:	9/10/2004 8:42:02
Receipt Date:	20040223
Manifest ID:	22575130
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613893
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:	0.0168
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
Shipment Date:	20040122

NAUMANN BROS (Continued) **S113031388**

Creation Date:	8/20/2004 9:31:41
Receipt Date:	20040129
Manifest ID:	22929566
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	6
Waste Quantity:	12000
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:	20040114
Creation Date:	8/20/2004 9:31:41
Receipt Date:	20040122
Manifest ID:	22929494
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	3.825
Waste Quantity:	7650
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:	2003
Gen EPA ID:	CAL000026845

Shipment Date:	20031002
Creation Date:	8/3/2004 15:03:33
Receipt Date:	20031009
Manifest ID:	23003925
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES

NAUMANN BROS (Continued) **S113031388**

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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.6
Waste Quantity:	1200
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:	20030821
Creation Date:	7/28/2004 10:48:03
Receipt Date:	20030828
Manifest ID:	22874963
Trans EPA ID:	TXR000050930
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:	CAT000613893
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:	0.0168
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
Shipment Date:	20030606
Creation Date:	7/22/2004 8:36:14
Receipt Date:	20030612
Manifest ID:	22547571
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler

NAUMANN BROS (Continued) **S113031388**

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

Shipment Date:	20030606
Creation Date:	7/22/2004 7:52:06
Receipt Date:	20030610
Manifest ID:	22547565
Trans EPA ID:	CAD983609678
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:	0.22935
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:	20030521
Creation Date:	6/23/2004 9:59:25
Receipt Date:	20030528
Manifest ID:	22385435
Trans EPA ID:	TXR000050930
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:	CAT000613893
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:	0.0168
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

NAUMANN BROS (Continued) **S113031388**

Shipment Date:	20030304
Creation Date:	3/16/2007 18:30:41
Receipt Date:	20030311
Manifest ID:	22438480
Trans EPA ID:	TXR000050930
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:	CAT000613893
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:	0.0168
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:	2002
Gen EPA ID:	CAL000026845

Shipment Date:	20021212
Creation Date:	4/1/2003 18:31:07
Receipt Date:	20021227
Manifest ID:	22198112
Trans EPA ID:	SCR000075150
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:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.021
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:	20021106
Creation Date:	3/15/2003 18:31:28
Receipt Date:	20021115
Manifest ID:	22072510
Trans EPA ID:	CAD983609678

NAUMANN BROS (Continued) **S113031388**

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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.6875
Waste Quantity:	1375
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:	20020927
Creation Date:	1/28/2003 18:32:43
Receipt Date:	20021003
Manifest ID:	21912066
Trans EPA ID:	SCR000075150
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:	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
Shipment Date:	20020221
Creation Date:	7/25/2002 18:31:24
Receipt Date:	20020301
Manifest ID:	21624355
Trans EPA ID:	CAD983609678
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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported

NAUMANN BROS (Continued) **S113031388**

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

Additional Info:

Year:	2001
Gen EPA ID:	CAL000026845
Shipment Date:	20011105
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011109
Manifest ID:	21334208
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.4
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:	20010725
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010803
Manifest ID:	21161130
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported

NAUMANN BROS (Continued) **S113031388**

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:	CAL000026845
Shipment Date:	20001026
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001103
Manifest ID:	20516829
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	1
Waste Quantity:	2000
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:	20000508
Creation Date:	8/1/2000 0:00:00
Receipt Date:	20000518
Manifest ID:	98895508
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

NAUMANN BROS (Continued) **S113031388**

Shipment Date:	20000508
Creation Date:	7/12/2000 0:00:00
Receipt Date:	20000512
Manifest ID:	20085991
Trans EPA ID:	CAD983609678
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:	0.2
Waste Quantity:	400
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:	20000508
Creation Date:	7/12/2000 0:00:00
Receipt Date:	20000512
Manifest ID:	20085983
Trans EPA ID:	CAD983609678
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:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.374
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000104
Creation Date:	3/22/2000 0:00:00
Receipt Date:	20000120
Manifest ID:	99835470
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681

NAUMANN BROS (Continued) **S113031388**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.2
Waste Quantity:	400
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:	1997
Gen EPA ID:	CAL000026845
Shipment Date:	19970908
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970909
Manifest ID:	96713542
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	Not reported
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:	H01 - Transfer Station
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:	19970717
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970722
Manifest ID:	96713528
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
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

NAUMANN BROS (Continued) **S113031388**

Meth Code:	H01 - Transfer Station
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

Additional Info:

Year:	1995
Gen EPA ID:	CAL000026845
Shipment Date:	19950623
Creation Date:	10/24/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	95418022
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
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:	- Not reported
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:	19950307
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950308
Manifest ID:	95250445
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:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported

NAUMANN BROS (Continued) **S113031388**

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:	CAL000026845
Shipment Date:	19941215
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941216
Manifest ID:	93714977
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:	0.21
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:	19940510
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940512
Manifest ID:	93321728
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	CAD028277036
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:	0.42
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

NAUMANN BROS (Continued) **S113031388**

HWTS:

Name:	NAUMANN RANCH
Address:	3250 E HUENEME RD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
EPA ID:	CAL000453549
Inactive Date:	Not reported
Create Date:	03/13/2020
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 3723
Mailing Address 2:	Not reported
Mailing City,State,Zip:	CAMARILLO, CA 93011
Owner Name:	MICHAEL NAUMANN
Owner Address:	PO BOX 3723
Owner Address 2:	Not reported
Owner City,State,Zip:	CAMARILLO, CA 93011
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	MICHAEL NAUMANN
Contact Address:	PO BOX 3723
Contact Address 2:	Not reported
City,State,Zip:	CAMARILLO, CA 93011
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Active
Facility Type:	PERMANENT
Category:	STATE
Latitude:	34.146837
Longitude:	-119.13192

NAICS:

EPA ID:	CAL000453549
Create Date:	2020-03-13 15:44:55.363
NAICS Code:	111219
NAICS Description:	Other Vegetable (except Potato) and Melon Farming
Issued EPA ID Date:	2020-03-13 15:44:55.35000
Inactive Date:	Not reported
Facility Name:	NAUMANN RANCH
Facility Address:	3250 E HUENEME RD
Facility Address 2:	Not reported
Facility City:	OXNARD
Facility County:	Not reported
Facility State:	CA
Facility Zip:	93033

Name:	NAUMANN BROS
Address:	3250 E HUENEME RD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
EPA ID:	CAL000026845
Inactive Date:	06/30/2001
Create Date:	05/09/1990
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 2887

NAUMANN BROS (Continued) **S113031388**

Mailing Address 2:	Not reported
Mailing City,State,Zip:	OXNARD, CA 930342887
Owner Name:	JIM & RICHARD NAUMANN
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	GERALD BIGGERS - SHOP MANAGER
Contact Address:	PO BOX 2887
Contact Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930340000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	34.147113
Longitude:	-119.128629

H55 **OCEANVIEW PRODUCE CO** **RCRA NonGen / NLR** **1024793538**
Target **3250 E HUENEME RD** **CAL000139831**
Property **OXNARD, CA 93033**

Site 6 of 8 in cluster H

Actual:
19 ft.

Focus Map:
6

RCRA Listings:

Date Form Received by Agency:	19971210
Handler Name:	Oceanview Produce Co
Handler Address:	3250 E HUENEME RD
Handler City,State,Zip:	OXNARD, CA 93033-8112
EPA ID:	CAL000139831
Contact Name:	ROBBIE MISNER
Contact Address:	2959 MONTEREY-SALINAS
Contact City,State,Zip:	MONTEREY, CA 93940
Contact Telephone:	831-883-5023
Contact Fax:	831-641-4503
Contact Email:	ROBBIE.MISNER@DOLE.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:	2959 MONTEREY-SALINAS
Mailing City,State,Zip:	MONTEREY, CA 93940-0000
Owner Name:	Oceanview Produce Co
Owner Type:	Other
Operator Name:	Robbie Misner
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

OCEANVIEW PRODUCE CO (Continued) **1024793538**

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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: OCEANVIEW PRODUCE CO	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3000 E HUENEME RD
Owner/Operator City,State,Zip:	OXNARD, CA 93034-0000
Owner/Operator Telephone:	805-488-6401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: ROBBIE MISNER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2959 MONTEREY-SALINAS

OCEANVIEW PRODUCE CO (Continued) **1024793538**

Owner/Operator City,State,Zip: MONTEREY, CA 93940
Owner/Operator Telephone: 831-883-5023
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19971210
Handler Name: OCEANVIEW PRODUCE CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 115114
NAICS Description: POSTHARVEST CROP ACTIVITIES (EXCEPT COTTON GINNING)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H56 Target Property **OCEANVIEW PRODUCE CO**
3250 E HUENEME RD
OXNARD, CA 93033

HAZNET S113076451
HWTS N/A

Site 7 of 8 in cluster H

Actual: 19 ft.

Focus Map: 6

HAZNET:
Name: OCEANVIEW PRODUCE CO
Address: 3250 E HUENEME RD
Address 2: Not reported
City,State,Zip: OXNARD, CA 930338112
Contact: ROBBIE MISNER
Telephone: 8319700668
Mailing Name: Not reported
Mailing Address: PO BOX 2887

Year: 2015
Gepaid: CAL000139831
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: 0.6525

Year: 2010

OCEANVIEW PRODUCE CO (Continued) **S113076451**

Gepaid:	CAL000139831
TSD EPA ID:	CAT080013352
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.108
Year:	2008
Gepaid:	CAL000139831
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:	0.187
Year:	2008
Gepaid:	CAL000139831
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:	0.375
Year:	2006
Gepaid:	CAL000139831
TSD EPA ID:	CAD097030993
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H01 - Transfer Station
Tons:	0.3
Year:	2005
Gepaid:	CAL000139831
TSD EPA ID:	CAT080013352
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	R01 - Recycler
Tons:	1.06335
Year:	2003
Gepaid:	CAL000139831
TSD EPA ID:	CAD008252405
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	R01 - Recycler
Tons:	0.198
Year:	1999
Gepaid:	CAL000139831
TSD EPA ID:	CAT080033681
CA Waste Code:	352 - Other organic solids
Disposal Method:	R01 - Recycler
Tons:	0.9
Year:	1999
Gepaid:	CAL000139831
TSD EPA ID:	CAT080013352
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	R01 - Recycler
Tons:	0.231

OCEANVIEW PRODUCE CO (Continued) **S113076451**

Year:	1999
Gepaid:	CAL000139831
TSD EPA ID:	CAT080033681
CA Waste Code:	352 - Other organic solids
Disposal Method:	D80 - Disposal, Land Fill
Tons:	0.9

Click this hyperlink while viewing on your computer to access additional CA HAZNET: detail in the EDR Site Report.

Additional Info:

Year:	2015
Gen EPA ID:	CAL000139831
Shipment Date:	20150205
Creation Date:	5/17/2015 22:15:06
Receipt Date:	20150211
Manifest ID:	014075024JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.6525
Waste Quantity:	1305
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:	2010
Gen EPA ID:	CAL000139831
Shipment Date:	20100311
Creation Date:	6/29/2010 18:30:25
Receipt Date:	20100319
Manifest ID:	006976142JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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

OCEANVIEW PRODUCE CO (Continued) **S113076451**

Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.108
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:	2008
Gen EPA ID:	CAL000139831
Shipment Date:	20080708
Creation Date:	9/4/2008 18:30:30
Receipt Date:	20080716
Manifest ID:	003611935JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.187
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:	20080708
Creation Date:	8/25/2008 18:30:08
Receipt Date:	20080716
Manifest ID:	003611934JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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/Reovery (H010-H129) Or (H131-H135)

OCEANVIEW PRODUCE CO (Continued) **S113076451**

Quantity Tons:	0.375
Waste Quantity:	750
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:	2006
Gen EPA ID:	CAL000139831
Shipment Date:	20060811
Creation Date:	9/27/2006 18:36:37
Receipt Date:	20060817
Manifest ID:	25137068
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES INC
TSDF Alt EPA ID:	CAD097030993
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3
Waste Quantity:	600
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:	CAL000139831
Shipment Date:	20050330
Creation Date:	6/12/2005 18:30:59
Receipt Date:	20050331
Manifest ID:	24029974
Trans EPA ID:	CAL000264806
Trans Name:	EXPRESS OIL CO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
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

OCEANVIEW PRODUCE CO (Continued) **S113076451**

Quantity Tons:	1.06335
Waste Quantity:	255
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:	CAL000139831
Shipment Date:	20030625
Creation Date:	7/22/2004 9:56:39
Receipt Date:	20030703
Manifest ID:	22549377
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAL000139831
Shipment Date:	19990610
Creation Date:	8/16/1999 0:00:00
Receipt Date:	19990617
Manifest ID:	99110313
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill

OCEANVIEW PRODUCE CO (Continued) **S113076451**

Quantity Tons:	0.9
Waste Quantity:	1800
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:	19990610
Creation Date:	8/16/1999 0:00:00
Receipt Date:	19990621
Manifest ID:	99110314
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.231
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:	19990305
Creation Date:	5/17/1999 0:00:00
Receipt Date:	19990309
Manifest ID:	99285134
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.9
Waste Quantity:	1800
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

OCEANVIEW PRODUCE CO (Continued) **S113076451**

HWTS:

Name:	OCEANVIEW PRODUCE CO
Address:	3250 E HUENEME RD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
EPA ID:	CAL000139831
Inactive Date:	06/30/2018
Create Date:	12/10/1997
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	2959 MONTEREY-SALINAS
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MONTEREY, CA 939400000
Owner Name:	OCEANVIEW PRODUCE CO
Owner Address:	3000 E HUENEME RD
Owner Address 2:	Not reported
Owner City,State,Zip:	OXNARD, CA 930340000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	ROBBIE MISNER
Contact Address:	2959 MONTEREY-SALINAS
Contact Address 2:	Not reported
City,State,Zip:	MONTEREY, CA 93940
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	34.147113
Longitude:	-119.128593

NAICS:

EPA ID:	CAL000139831
Create Date:	2006-11-27 18:30:15.000
NAICS Code:	115114
NAICS Description:	Postharvest Crop Activities (except Cotton Ginning)
Issued EPA ID Date:	1997-12-10 00:00:00
Inactive Date:	2018-06-30 00:00:00
Facility Name:	OCEANVIEW PRODUCE CO
Facility Address:	3250 E HUENEME RD
Facility Address 2:	Not reported
Facility City:	OXNARD
Facility County:	Not reported
Facility State:	CA
Facility Zip:	930338112

H57 **OCEANVIEW PRODUCE CO** **FINDS** **1024661194**
Target **3250 E HUENEME RD** **ECHO** **N/A**
Property **OXNARD, CA 93033**

Site 8 of 8 in cluster H

Actual:
19 ft.

FINDS:
Registry ID: 110070449588

Focus Map:
6

Click Here for FRS Facility Detail Report:

OCEANVIEW PRODUCE CO (Continued) **1024661194**

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110070800963

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1024661194
Registry ID:	110070449588
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070449588
Name:	OCEANVIEW PRODUCE CO
Address:	3250 E HUENEME RD
City,State,Zip:	OXNARD, CA 93033

I58 Target Property **MANABI FARMS** **2292 HUENEME RD E** **OXNARD, CA** **RGA LUST** **S114647097** **N/A**

Site 1 of 9 in cluster I

Actual: 22 ft.

Focus Map: 5

RGA LUST:

Name:	MANABI FARMS
Address:	2292 HUENEME RD E
City:	OXNARD
State:	OXNARD
	2012 MANABI FARMS 2292 HUENEME RD E
Name:	MANABI FARMS
Address:	2292 HUENEME RD E
City:	OXNARD
State:	OXNARD
	2011 MANABI FARMS 2292 HUENEME RD E
Name:	MANABI FARMS
Address:	2292 HUENEME RD E
City:	OXNARD
State:	OXNARD
	2010 MANABI FARMS 2292 HUENEME RD E
Name:	MANABI FARMS
Address:	2292 HUENEME RD E
City:	OXNARD
State:	OXNARD
	2009 MANABI FARMS 2292 HUENEME RD E
Name:	MANABI FARMS

MANABI FARMS (Continued) **S114647097**

Address: 2292 HUENEME RD E
City: OXNARD
State: OXNARD
2008 MANABI FARMS 2292 HUENEME RD E
Name: MANABI FARMS
Address: 2292 HUENEME RD E
City: OXNARD
State: OXNARD
2007 MANABI FARMS 2292 HUENEME RD E
Name: MANABI FARMS
Address: 2292 HUENEME RD E
City: OXNARD
State: OXNARD
2006 MANABI FARMS 2292 HUENEME RD E
Name: MANABI FARMS
Address: 2292 HUENEME RD E
City: OXNARD
State: OXNARD
2005 MANABI FARMS 2292 HUENEME RD E
Name: MANABI FARMS
Address: 2292 HUENEME RD E
City: OXNARD
State: OXNARD
2003 MANABI FARMS 2292 HUENEME RD E
Name: MANABI FARMS
Address: 2292 HUENEME RD E
City: OXNARD
State: OXNARD
2002 MANABI FARMS 2292 HUENEME RD E
Name: MANABI FARMS
Address: 2292 HUENEME RD E
City: OXNARD
State: OXNARD
2001 MANABI FARMS 2292 HUENEME RD E
Name: MANABI FARMS
Address: 2292 HUENEME RD E
City: OXNARD
State: OXNARD
2000 MANABI FARMS 2292 HUENEME RD E
Name: MANABI FARMS
Address: 2292 HUENEME RD E
City: OXNARD
State: OXNARD
1998 MANABI FARMS 2292 HUENEME RD E
Name: MANABI FARMS
Address: 2292 HUENEME RD E
City: OXNARD
State: OXNARD
1997 MANABI FARMS 2292 HUENEME RD E
Name: MANABI FARMS
Address: 2292 HUENEME RD E
City: OXNARD
State: OXNARD
1996 MANABI FARMS 2292 HUENEME RD E
Name: MANABI FARMS
Address: 2292 HUENEME RD E
City: OXNARD

MANABI FARMS (Continued) **S114647097**

State: OXNARD
1995 MANABI FARMS 2292 HUENEME RD E

I59 Target Property **MANABI FARMS**
2292 HUENEME RD., E.
OXNARD, CA

RGA LUST **S114647099**
N/A

Site 2 of 9 in cluster I

Actual: 22 ft.
Focus Map: 5

RGA LUST:
Name: MANABI FARMS
Address: 2292 HUENEME RD., E.
City: OXNARD
State: OXNARD
1994 MANABI FARMS 2292 HUENEME RD., E.
Name: MANABI FARMS
Address: 2292 HUENEME RD., E.
City: OXNARD
State: OXNARD
1993 MANABI FARMS 2292 HUENEME RD., E.

I60 Target Property **1X MANABI FARMS INC**
2292 E HUENEME RD.
OXNARD, CA 91766

HAZNET HWTS **S123729720**
N/A

Site 3 of 9 in cluster I

Actual: 22 ft.
Focus Map: 5

HAZNET:

Name:	1X MANABI FARMS INC
Address:	2292 E HUENEME RD.
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 917660000
Contact:	MITA, DOUG/RGN MGR
Telephone:	8059862095
Mailing Name:	Not reported
Mailing Address:	2292 E HUENEME RD.
Year:	1990
Gepaid:	CAC000509872
TSD EPA ID:	HAHQ36017252
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	01 -
Tons:	0.834

HWTS:

Name:	1X MANABI FARMS INC
Address:	2292 E HUENEME RD.
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 91766
EPA ID:	CAC000509872
Inactive Date:	10/25/2000
Create Date:	08/17/1990
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	2292 E HUENEME RD.

1X MANABI FARMS INC (Continued) **S123729720**

Mailing Address 2:	Not reported
Mailing City,State,Zip:	OXNARD, CA 930330000
Owner Name:	CORP
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	MITA, DOUG/RGN MGR
Contact Address:	Not reported
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	34.147188
Longitude:	-119.146886

I61 Target Property **SOLAMAR FARMS INC**
2292 E HUENEME RD
OXNARD, CA 93030

HAZNET **S112894603**
HWTS **N/A**

Site 4 of 9 in cluster I

Actual: 22 ft.

Focus Map: 5

HAZNET:

Name:	SOLAMAR FARMS INC
Address:	2292 E HUENEME RD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930300000
Contact:	ARNOLD SOLIS/MGR
Telephone:	8059868806
Mailing Name:	Not reported
Mailing Address:	2292 E HUENEME RD
Year:	2000
Gepaid:	CAC001480944
TSD EPA ID:	CAT080013352
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	R01 - Recycler
Tons:	0.9382

Additional Info:

Year:	2000
Gen EPA ID:	CAC001480944
Shipment Date:	20000310
Creation Date:	5/23/2000 0:00:00
Receipt Date:	20000316
Manifest ID:	99686890
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352

SOLAMAR FARMS INC (Continued) **S112894603**

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:	0.9382
Waste Quantity:	225
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

HWTS:

Name:	SOLAMAR FARMS INC
Address:	2292 E HUENEME RD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93030
EPA ID:	CAC001480944
Inactive Date:	10/25/2000
Create Date:	02/28/2000
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	2292 E HUENEME RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	OXNARD, CA 930300000
Owner Name:	SOLAMAR FARMS INC
Owner Address:	2292 E HUENEME RD
Owner Address 2:	Not reported
Owner City,State,Zip:	OXNARD, CA 930300000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	ARNOLD SOLIS/MGR
Contact Address:	2292 E HUENEME RD
Contact Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930300000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	34.147242
Longitude:	-119.146995

I62 **MANABI FARMS, INC.** **UST** **U002244018**
Target **2292 HUENEME ROAD** **N/A**
Property **OXNARD, CA**

Site 5 of 9 in cluster I

Actual:
22 ft.

Focus Map:
5

VENTURA CO. UST:

Name:	MANABI FARMS, INC.
Address:	2292 HUENEME ROAD
City:	OXNARD
Facility ID:	D 231

MANABI FARMS, INC. (Continued) **U002244018**

Facility Status: Inactive

I63 Target Property **MANABI FARMS**
2292 HUENEME RD E
OXNARD, CA 93033

FINDS **1023360464**
N/A

Site 6 of 9 in cluster I

Actual: 22 ft.
Focus Map: 5

FINDS:
Registry ID: 110066575931

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

I64 Target Property **MANABI FARMS**
2292 HUENEME RD E
OXNARD, CA 93033

LUST **S104406407**
Cortese **N/A**
HIST CORTESE
CERS

Site 7 of 9 in cluster I

Actual: 22 ft.
Focus Map: 5

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	930330198	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Not reported
Global ID:	T0611100076	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	CASPER RD	
Enforcement Type:	Not reported	
Date Leak Discovered:	8/24/1990	
Date Leak First Reported:		8/24/1990
Date Leak Record Entered:	1/18/1991	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	8/24/1990	
Date Case Last Changed on Database:		3/22/1995
Date the Case was Closed:		3/22/1995
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		6765.836313511173073695422136 9
Source of Cleanup Funding:		UNK

MANABI FARMS (Continued) **S104406407**

Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	10/24/1991
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	MANABI FARMS
RP Address:	2292 HUENEME RD., E., OXNARD 93033
Program:	LUST
Lat/Long:	34.1470694 / -1
Local Agency Staff:	EHD
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	SOIL IN BOTTOM OF EXCAVATON IS SHINY BLACK. STRONG GASOLINEODOR FROM EXCAVATED SOIL. 550 GALLON FARM TANK.

LUST:

Name:	MANABI FARMS
Address:	2292 HUENEME RD E
City,State,Zip:	OXNARD, CA 93033
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611100076
Global Id:	T0611100076
Latitude:	34.14534
Longitude:	-119.146872
Status:	Completed - Case Closed
Status Date:	03/22/1995
Case Worker:	YR
RB Case Number:	930330198
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	08/24/1990
Leak Reported Date:	08/24/1990
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown

MANABI FARMS (Continued) **S104406407**

Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 03/22/1995
CA Water Watershed Name: Calleguas - Oxnard Plain - East Of Oxnard (408.11)
Dwr Groundwater Subbasin Name: Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community: Disadvantaged Community
CA Enviroscreen 3 Score: 81-85%
CA Enviroscreen 4 Score: 85-90%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: LOS ANGELES RWQCB (REGION 4)
Site History: Not reported

LUST:
Global Id: T0611100076
Contact Type: Regional Board Caseworker - Primary Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0611100076
Action Type: Other
Date: 08/24/1990
Action: Leak Reported

Global Id: T0611100076
Action Type: Other
Date: 08/24/1990
Action: Leak Discovery

Global Id: T0611100076
Action Type: Other
Date: 08/24/1990
Action: Leak Stopped

LUST:
Global Id: T0611100076
Status: Open - Case Begin Date
Status Date: 08/24/1990

Global Id: T0611100076
Status: Open - Site Assessment
Status Date: 10/24/1991

Global Id: T0611100076
Status: Completed - Case Closed
Status Date: 03/22/1995

CORTESE:
Name: MANABI FARMS
Address: 2292 HUENEME RD E

MANABI FARMS (Continued) **S104406407**

City,State,Zip:	OXNARD, CA 93033
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611100076
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	MANABI FARMS
edr_fadd1:	2292 HUENEME
City,State,Zip:	OXNARD, CA 93033
Region:	CORTESE
Facility County Code:	56
Reg By:	LTNKA
Reg Id:	930330198

CERS:

Name:	MANABI FARMS
Address:	2292 HUENEME RD E
City,State,Zip:	OXNARD, CA 93033
Site ID:	666823
CERS ID:	T0611100076
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

I65 **YAMAMOTO FARMS** **HIST UST** **U001579910**
2281 E HUENEME RD **N/A**
< 1/8 **OXNARD, CA 93030**
0.001 mi.
5 ft. **Site 8 of 9 in cluster I**

Actual:
23 ft.

Focus Map:
2

HIST UST:

Name:	YAMAMOTO FARMS
Address:	2281 E HUENEME RD
City,State,Zip:	OXNARD, CA 93030
File Number:	0002d195
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002d195.pdf
Region:	STATE
Facility ID:	00000022571
Facility Type:	Other
Other Type:	FARM
Contact Name:	GEORGE YAMAMOTO
Telephone:	8054884336
Owner Name:	YAMAMOTO FARMS
Owner Address:	1220 WOOD RD.
Owner City,St,Zip:	OXNARD, CA 93033
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	1979
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	10
Leak Detection:	Visual, Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1979
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	10
Leak Detection:	Visual, Stock Inventor

Click here for Geo Tracker PDF:

I66 **EAST FARMS** **RCRA NonGen / NLR** **1024797149**
2281 HUENEME RD **CAL000182579**
< 1/8 **OXNARD, CA 93030**
0.001 mi.
5 ft. **Site 9 of 9 in cluster I**

Actual:
23 ft.

Focus Map:
2

RCRA Listings:

Date Form Received by Agency:	19991230
Handler Name:	East Farms
Handler Address:	2281 HUENEME RD
Handler City,State,Zip:	OXNARD, CA 93030-0000
EPA ID:	CAL000182579
Contact Name:	STEVE HIGASHI - OWNER
Contact Address:	510 JANETWOOD DR
Contact City,State,Zip:	OXNARD, CA 93030
Contact Telephone:	805-896-6032
Contact Fax:	Not reported

EAST FARMS (Continued) **1024797149**

Contact Email:	MELANIE@EASTFARMS.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:	510 JANETWOOD DRIVE
Mailing City,State,Zip:	OXNARD, CA 93030-0000
Owner Name:	Steve Higashi
Owner Type:	Other
Operator Name:	Steve Higashi - Owner
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

EAST FARMS (Continued) **1024797149**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: STEVE HIGASHI - OWNER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	510 JANETWOOD DR
Owner/Operator City,State,Zip:	OXNARD, CA 93030
Owner/Operator Telephone:	805-896-6032
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: STEVE HIGASHI	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	510 JANETWOOD DRIVE
Owner/Operator City,State,Zip:	OXNARD, CA 93030-0000
Owner/Operator Telephone:	805-896-6032
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19991230
Handler Name: EAST FARMS	
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:	111333
NAICS Description:	STRAWBERRY FARMING

NAICS Code:	111334
NAICS Description:	BERRY (EXCEPT STRAWBERRY) FARMING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

A67 **WWL VEHICLE SERVICES AMERICAS, INC.** **AST** **A100426276**
South **5601 EDISON DR.** **N/A**
< 1/8 **OXNARD, CA 93033**
0.005 mi.
28 ft. **Site 2 of 6 in cluster A**

Actual:
17 ft.

Focus Map:
4

AST:

Name:	WWL VEHICLE SERVICES AMERICAS, INC.
Address:	5601 EDISON DR.
City/Zip:	OXNARD,93033
Certified Unified Program Agencies:	Not reported
Owner:	WWL Vehicle Services Americas
Total Gallons:	Not reported
CERSID:	10200664
Facility ID:	Not reported
Business Name:	Pacific Vehicle Processors, LLC
Phone:	8059865700
Fax:	Not reported
Mailing Address:	5601 EDISON DR
Mailing Address City:	OXNARD
Mailing Address State:	CA
Mailing Address Zip Code:	93033
Operator Name:	WWL Vehicle Services Americas Inc
Operator Phone:	8054883050
Owner Phone:	8054883050
Owner Mail Address:	5601 Edison Dr.
Owner State:	CA
Owner Zip Code:	93033
Owner Country:	United States
Property Owner Name:	WWL
Property Owner Phone:	8054883050
Property Owner Mailing Address:	188 Broadway
Property Owner City:	Woodcliff Lake
Property Owner Stat :	NJ
Property Owner Zip Code:	7677
Property Owner Country:	United States
EPAID:	CAL000078976

A68 **WWL VEHICLE SERVICE AMERICA** **ENVIROSTOR** **S100270130**
South **5601 EDISON DRIVE** **LUST** **N/A**
< 1/8 **OXNARD, CA 93033** **HIST Cal-Sites**
0.005 mi. **CERS HAZ WASTE**
28 ft. **Site 3 of 6 in cluster A** **CERS TANKS**
HAZNET
Actual: **CERS**
17 ft.

Focus Map:
4

ENVIROSTOR:

Name:	VEHICLE PREPARATION CENTER
Address:	5601 EDISON DR
City,State,Zip:	OXNARD, CA 93033
Facility ID:	56010004
Status:	Inactive - Needs Evaluation
Status Date:	06/15/2018
Site Code:	300321
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Program Manager: Not reported
Supervisor: Juli Propes
Division Branch: Cleanup Chatsworth
Assembly: 38
Senate: 21
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.14591
Longitude: -119.1681
APN: 231002020
Past Use: NONE SPECIFIED
Potential COC: * HALOGENATED ORGANIC COMPOUNDS * Pesticides - Rinse Waters * CONTAMINATED SOIL * Sludge - Halogenated Compounds * UNSPECIFIED OIL CONTAINING WASTE * WASTE OIL & MIXED OIL Lead
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: BEASLEY RANCH
Alias Type: Alternate Name
Alias Name: MILLIGAN SITE
Alias Type: Alternate Name
Alias Name: PACIFIC VEHICLE PROCESSORS, INC.
Alias Type: Alternate Name
Alias Name: TRANSDEVELOPMENT CORPORATION
Alias Type: Alternate Name
Alias Name: VEHICLE PREPARATION CENTER
Alias Type: Alternate Name
Alias Name: 231002020
Alias Type: APN
Alias Name: 110033613178
Alias Type: EPA (FRS #)
Alias Name: 300321
Alias Type: Project Code (Site Code)
Alias Name: 56010004
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/17/1993
Comments: The Department completed review of the PEA. During the PEA process, the RP excavated the contaminated soil and disposed of at another area of the site and encapsulated and recommended

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/08/1992
Comments: THE SITE IS IDENTIFIED FROM RP. THE SITE HAS BEEN USED FOR AGRICULTURAL FROM 1929 TO PRESENT. AN ABANDONED STORAGE YARD ON THE PROPERTY, WHICH USED FOR STORAGE OF PESTICIDES IS CONTAMINATED WITH PESTICIDES. SOIL SAMPLING INDICATED THE PRESENCE OF DDT, DDD, AND DDE. ALSO, WASTE OIL CONTAMI- NATION ENCOUNTERED INSIDE THE SOUTHERN BUILDING. RP SUBMITTED A PEA REPORT TO THE DEPT FOR REVIEW.

Future Area Name: Not reported

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

LUST:

Name:	PACIFIC VEHICLE PROCESSORS
Address:	5601 EDISON DR
City,State,Zip:	OXNARD, CA 93030
Lead Agency:	VENTURA COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611127035
Global Id:	T0611127035
Latitude:	34.146117
Longitude:	-119.168431
Status:	Completed - Case Closed
Status Date:	12/17/2004
Case Worker:	DBW
RB Case Number:	C04015
Local Agency:	VENTURA COUNTY
File Location:	Local Agency
Local Case Number:	04015
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	12/30/2003
Leak Reported Date:	01/22/2004
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Close and Remove Tank
Stop Description:	Not reported
No Further Action Date:	12/17/2004
CA Water Watershed Name:	Oxnard (410.00)
Dwr Groundwater Subbasin Name:	Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community:	Disadvantaged Community
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	85-90%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	LOS ANGELES RWQCB (REGION 4)
Site History:	Not reported

LUST:

Global Id:	T0611127035
Contact Type:	Regional Board Caseworker
Contact Name:	DANIEL PIROTTON
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

City:	R4 UNKNOWN
Email:	dpirotton@waterboards.ca.gov
Phone Number:	2135766714

Global Id:	T0611127035
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	DIANE B. WAHL
Organization Name:	VENTURA COUNTY
Address:	800 S. VICTORIA AVE.
City:	VENTURA
Email:	diane.wahl@ventura.org
Phone Number:	8056545040

LUST:

Global Id:	T0611127035
Action Type:	ENFORCEMENT
Date:	06/02/2004
Action:	* Historical Enforcement - #1

Global Id:	T0611127035
Action Type:	RESPONSE
Date:	09/17/2004
Action:	Other Report / Document

Global Id:	T0611127035
Action Type:	ENFORCEMENT
Date:	12/17/2004
Action:	Closure/No Further Action Letter - #4

Global Id:	T0611127035
Action Type:	ENFORCEMENT
Date:	01/01/2016
Action:	File review

Global Id:	T0611127035
Action Type:	Other
Date:	01/22/2004
Action:	Leak Reported

Global Id:	T0611127035
Action Type:	RESPONSE
Date:	08/01/2004
Action:	Soil and Water Investigation Report

Global Id:	T0611127035
Action Type:	ENFORCEMENT
Date:	08/26/2004
Action:	* Historical Enforcement - #2

Global Id:	T0611127035
Action Type:	ENFORCEMENT
Date:	10/28/2004
Action:	* Historical Enforcement - #3

Global Id:	T0611127035
Action Type:	Other
Date:	12/30/2003

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Action: Leak Discovery

Global Id: T0611127035
Action Type: Other
Date: 12/30/2003
Action: Leak Stopped

LUST:
Global Id: T0611127035
Status: Open - Case Begin Date
Status Date: 12/30/2003

Global Id: T0611127035
Status: Open - Site Assessment
Status Date: 01/23/2004

Global Id: T0611127035
Status: Open - Site Assessment
Status Date: 05/18/2004

Global Id: T0611127035
Status: Open - Site Assessment
Status Date: 06/23/2004

Global Id: T0611127035
Status: Completed - Case Closed
Status Date: 12/17/2004

Calsite:
Name: VEHICLE PREPARATION CENTER
Address: 5601 EDISON DR
City: OXNARD
Region: GLENDALE
Facility ID: 56010004
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: SB
Branch Name: SO CAL - CYPRESS
File Name: VEHICLE PREPARATION CENTER
State Senate District: 06081995
Status: BACKLOG, POTENTIAL ANNUAL WORKPLAN (AWP) SITE
Status Name: BACKLOG - POTENTIAL AWP SITE
Lead Agency: N/A
NPL: Not reported
SIC Code: 01
SIC Name: AGRICULTURAL PRODUCTION - CROPS
Access: Uncontrolled
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Unknown
Staff Member Responsible for Site: JABRAHAM
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Region Water Control Board Name: Not reported

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	BASE & MERID
State Assembly District Code:	41
State Senate District Code:	23
Facility ID:	56010004
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06081992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	BKLG
Definition of Status:	BACKLOG - POTENTIAL AWP SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	56010004
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05171993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	BKLG
Definition of Status:	BACKLOG - POTENTIAL AWP SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	5601 EDISON DRIVE
Alternate City,St,Zip:	OXNARD, CA 93030
Alternate Address:	5601 EDISON DR

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Alternate City,St,Zip: OXNARD, CA 93033
Background Info: Not reported
Comments Date: 05171993
Comments: The Department completed review of the PEA. During the PEA
Comments Date: 05171993
Comments: process, the RP excavated the contaminated soil and disposed
Comments Date: 05171993
Comments: of at another area of the site and encapsulated and
Comments Date: 05171993
Comments: recommended "No Further Action". The Department does not
Comments Date: 05171993
Comments: concur with the above recommendation. The Department
Comments Date: 05171993
Comments: recommends "Further Action" because the remedial action
Comments Date: 05171993
Comments: conducted at the site did not follow the Department guide-
Comments Date: 05171993
Comments: lines. the remedial method utilized at the site to transfer
Comments Date: 05171993
Comments: hazardous substance from one place to another is subject to
Comments Date: 05171993
Comments: Land Disposal Restrictions (LDRs). In addition, the NCP
Comments Date: 05171993
Comments: requires that on-site removal action attain ARARs to the
Comments Date: 05171993
Comments: extent practicable. Therefore, the remedial option selected
Comments Date: 05171993
Comments: at the site must be reevaluated.
Comments Date: 05301995
Comments: Further action is required at the site.
Comments Date: 06081992
Comments: THE SITE IS IDENTIFIED FROM RP. THE SITE HAS BEEN USED FOR
Comments Date: 06081992
Comments: AGRICULTURAL FROM 1929 TO PRESENT. AN ABANDONED STORAGE
Comments Date: 06081992
Comments: YARD ON THE PROPERTY, WHICH USED FOR STORAGE OF PESTICIDES
Comments Date: 06081992
Comments: IS CONTAMINATED WITH PESTICIDES. SOIL SAMPLING INDICATED
Comments Date: 06081992
Comments: THE PRESENCE OF DDT, DDD, AND DDE. ALSO, WASTE OIL CONTAMI-
Comments Date: 06081992
Comments: NATION ENCOUNTERED INSIDE THE SOUTHERN BUILDING. RP
Comments Date: 06081992
Comments: SUBMITTED A PEA REPORT TO THE DEPT FOR REVIEW.
ID Name: CALSTARS CODE
ID Value: 300321
Alternate Name: VEHICLE PREPARATION CENTER
Alternate Name: TRANSDEVELOPMENT CORPORATION
Alternate Name: MILLIGAN SITE
Alternate Name: BEASLEY RANCH
Alternate Name: PACIFIC VEHICLE PROCESSORS, INC.
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

CERS HAZ WASTE:
Name: WWL VEHICLE SERVICES AMERICAS, INC.

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Address: 5601 EDISON DR.
City,State,Zip: OXNARD, CA 93033
Site ID: 141133
CERS ID: 10200664
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: WWL VEHICLE SERVICES AMERICAS, INC.
Address: 5601 EDISON DR.
City,State,Zip: OXNARD, CA 93033
Site ID: 141133
CERS ID: 10200664
CERS Description: Aboveground Petroleum Storage

HAZNET:
Name: WWL VEHICLE SERVICE AMERICA
Address: 5601 EDISON DRIVE
Address 2: Not reported
City,State,Zip: OXNARD, CA 930330000
Contact: HALUK YAZICI
Telephone: 8059865739
Mailing Name: Not reported
Mailing Address: 5601 EDISON DR

Year: 2021
Gepaid: CAL000078976
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.0792

Year: 2021
Gepaid: CAL000078976
TSD EPA ID: CAD008252405
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1092

Year: 2020
Gepaid: CAL000078976
TSD EPA ID: NED981723513
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.0175

Year: 2020
Gepaid: CAL000078976
TSD EPA ID: CAD008252405
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2502

Year: 2020
Gepaid: CAL000078976

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

TSD EPA ID:	CAD008252405
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.1872
Year:	2020
Gepaid:	CAL000078976
TSD EPA ID:	CAD044429835
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0612
Year:	2019
Gepaid:	CAL000078976
TSD EPA ID:	CAD008252405
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.06840
Year:	2019
Gepaid:	CAL000078976
TSD EPA ID:	CAD044429835
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.12500
Year:	2019
Gepaid:	CAL000078976
TSD EPA ID:	CAD044429835
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.01250
Year:	2018
Gepaid:	CAL000078976
TSD EPA ID:	CAD008252405
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.23400

Click this hyperlink while viewing on your computer to access
11 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2021
Gen EPA ID:	CAL000078976
Shipment Date:	9/30/2020
Creation Date:	11/13/2020
Receipt Date:	10/24/2020
Manifest ID:	007433440SKS
Trans EPA ID:	TXR000081205
Trans Name:	Safety-Kleen Systems, Inc.

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	NED981723513
Trans Name:	Clean Harbors Environmental Services, Inc.
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D006,D007,D008
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0125
Waste Quantity:	25
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:	8/20/2020
Creation Date:	9/10/2020
Receipt Date:	8/20/2020
Manifest ID:	020870133JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
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:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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:	6/18/2020
Creation Date:	8/26/2020
Receipt Date:	7/2/2020
Manifest ID:	007431626SKS
Trans EPA ID:	TXR000081205
Trans Name:	Safety-Kleen Systems, Inc.
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	NED981723513
Trans Name:	Clean Harbors Environmental Services, Inc.
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D006,D007,D008

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.005
Waste Quantity:	10
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:	5/20/2020
Creation Date:	6/10/2020
Receipt Date:	5/20/2020
Manifest ID:	021754412JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001,F003,F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.072
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:	3/25/2020
Creation Date:	8/25/2020
Receipt Date:	4/10/2020
Manifest ID:	007433506SKS
Trans EPA ID:	TXR000081205
Trans Name:	Safety-Kleen Systems, Inc.
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	CAD044429835
Trans Name:	Clean Harbors Wilmington LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D006,D007,D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0102
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Additional Code 5:	Not reported
Shipment Date:	2/19/2020
Creation Date:	3/9/2020
Receipt Date:	2/19/2020
Manifest ID:	020874148JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
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:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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:	11/17/2020
Creation Date:	12/8/2020
Receipt Date:	11/17/2020
Manifest ID:	022257543JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001,F003,F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.072
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:	1/8/2020
Creation Date:	2/12/2020
Receipt Date:	1/23/2020
Manifest ID:	007220898SKS
Trans EPA ID:	TXR000081205
Trans Name:	Safety-Kleen Systems, Inc.

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	CAD044429835
Trans Name:	Clean Harbors Wilmington LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D006,D007,D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.051
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:	1/10/2020
Creation Date:	1/24/2020
Receipt Date:	1/10/2020
Manifest ID:	020367650JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001,F003,F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
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

Additional Info:

Year:	2020
Gen EPA ID:	CAL000078976
Shipment Date:	9/30/2020
Creation Date:	11/13/2020
Receipt Date:	10/24/2020
Manifest ID:	007433440SKS
Trans EPA ID:	TXR000081205
Trans Name:	Safety-Kleen Systems, Inc.
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	NED981723513
Trans Name:	Clean Harbors Environmental Services, Inc.

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D006,D007,D008
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0125
Waste Quantity:	25
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:	8/20/2020
Creation Date:	9/10/2020
Receipt Date:	8/20/2020
Manifest ID:	020870133JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
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:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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:	6/18/2020
Creation Date:	8/26/2020
Receipt Date:	7/2/2020
Manifest ID:	007431626SKS
Trans EPA ID:	TXR000081205
Trans Name:	Safety-Kleen Systems, Inc.
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	NED981723513
Trans Name:	Clean Harbors Environmental Services, Inc.
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D006,D007,D008
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

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:	5/20/2020
Creation Date:	6/10/2020
Receipt Date:	5/20/2020
Manifest ID:	021754412JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001,F003,F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.072
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:	3/25/2020
Creation Date:	8/25/2020
Receipt Date:	4/10/2020
Manifest ID:	007433506SKS
Trans EPA ID:	TXR000081205
Trans Name:	Safety-Kleen Systems, Inc.
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	CAD044429835
Trans Name:	Clean Harbors Wilmington LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D006,D007,D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0102
Waste Quantity:	3
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:	2/19/2020
Creation Date:	3/9/2020

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Receipt Date:	2/19/2020
Manifest ID:	020874148JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
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:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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:	11/17/2020
Creation Date:	12/8/2020
Receipt Date:	11/17/2020
Manifest ID:	022257543JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001,F003,F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.072
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:	1/8/2020
Creation Date:	2/12/2020
Receipt Date:	1/23/2020
Manifest ID:	007220898SKS
Trans EPA ID:	TXR000081205
Trans Name:	Safety-Kleen Systems, Inc.
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	Clean Harbors Environmental Services, Inc.
TSDF EPA ID:	CAD044429835
Trans Name:	Clean Harbors Wilmington LLC

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D006,D007,D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.051
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:	1/10/2020
Creation Date:	1/24/2020
Receipt Date:	1/10/2020
Manifest ID:	020367650JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001,F003,F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
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

Detail Two:

Year:	2020
EM Manifest ID:	f0c3fdbf-254c-437d-94e6-8339395a5a5c
Shipment Date:	9/30/2020
Receipt Date:	10/24/2020
Manifest Number:	007433440SKS
Generator EPA ID:	CAL000078976
Name:	WWL VEHICLE SERVICES AMERICA, INC
Address:	5601 EDISON DR
Address 2:	Not reported
City:	OXNARD
Zip:	93033
Telephone:	800-483-3718
Contact:	Steve Sobczak
Contact Telephone:	805-986-2303
Transporter 1 EPA ID:	TXR000081205
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NED981723513
TSDF Name:	Clean Harbors Environmental Services, Inc.
TSDF Address 1:	2247 South Highway 71
TSDF Address 2:	Not reported
TSDF City:	Kimball
TSDF Zip:	69145
TSDF Telephone:	800-483-3718

Federal:

Year:	2020
EM Manifest ID:	f0c3fdbf-254c-437d-94e6-8339395a5a5c
Generator EPA ID:	CAL000078976
Shipment Date:	2020-09-30
Manifest Number:	007433440SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.01250
Quantity Waste:	25.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D006

Year:	2020
EM Manifest ID:	f0c3fdbf-254c-437d-94e6-8339395a5a5c
Generator EPA ID:	CAL000078976
Shipment Date:	2020-09-30
Manifest Number:	007433440SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.01250
Quantity Waste:	25.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007

Year:	2020
EM Manifest ID:	f0c3fdbf-254c-437d-94e6-8339395a5a5c
Generator EPA ID:	CAL000078976
Shipment Date:	2020-09-30
Manifest Number:	007433440SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.01250
Quantity Waste:	25.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D008

State:

Year:	2020

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

EM Manifest ID:	f0c3fdbf-254c-437d-94e6-8339395a5a5c
Generator EPA ID:	CAL000078976
Shipment Date:	2020-09-30
Manifest Number:	007433440SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.01250
Quantity Waste:	25.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	343

Year:	2020
EM Manifest ID:	d0cc3aa1-4876-4c40-99d4-6a87085b18ca
Shipment Date:	6/18/2020
Receipt Date:	7/2/2020
Manifest Number:	007431626SKS
Generator EPA ID:	CAL000078976
Name:	WWL VEHICLE SERVICES AMERICA, INC
Address:	5601 EDISON DR
Address 2:	Not reported
City:	OXNARD
Zip:	93033
Telephone:	800-483-3718
Contact:	Steve Sobczak
Contact Telephone:	805-986-2303
Transporter 1 EPA ID:	TXR000081205
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NED981723513
TSDF Name:	Clean Harbors Environmental Services, Inc.
TSDF Address 1:	2247 South Highway 71
TSDF Address 2:	Not reported
TSDF City:	Kimball
TSDF Zip:	69145
TSDF Telephone:	800-483-3718

Federal:

Year:	2020
EM Manifest ID:	d0cc3aa1-4876-4c40-99d4-6a87085b18ca
Generator EPA ID:	CAL000078976
Shipment Date:	2020-06-18
Manifest Number:	007431626SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D006

Year:	2020

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

EM Manifest ID:	d0cc3aa1-4876-4c40-99d4-6a87085b18ca
Generator EPA ID:	CAL000078976
Shipment Date:	2020-06-18
Manifest Number:	007431626SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007

Year:	2020
EM Manifest ID:	d0cc3aa1-4876-4c40-99d4-6a87085b18ca
Generator EPA ID:	CAL000078976
Shipment Date:	2020-06-18
Manifest Number:	007431626SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D008

State:

Year:	2020
EM Manifest ID:	d0cc3aa1-4876-4c40-99d4-6a87085b18ca
Generator EPA ID:	CAL000078976
Shipment Date:	2020-06-18
Manifest Number:	007431626SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	343

Year:	2020
EM Manifest ID:	7a331a78-e69b-42af-a3f7-2405b09d24dc
Shipment Date:	3/25/2020
Receipt Date:	4/10/2020
Manifest Number:	007433506SKS
Generator EPA ID:	CAL000078976
Name:	WWL VEHICLE SERVICES AMERICA, INC
Address:	5601 EDISON DR
Address 2:	Not reported
City:	OXNARD
Zip:	93033

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Telephone:	800-483-3718
Contact:	Steve Sobczak
Contact Telephone:	805-986-2303
Transporter 1 EPA ID:	TXR000081205
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD044429835
TSDF Name:	Clean Harbors Wilmington LLC
TSDF Address 1:	1737 East Denni Street
TSDF Address 2:	Not reported
TSDF City:	Wilmington
TSDF Zip:	90744
TSDF Telephone:	800-483-3718

Federal:

Year:	2020
EM Manifest ID:	7a331a78-e69b-42af-a3f7-2405b09d24dc
Generator EPA ID:	CAL000078976
Shipment Date:	2020-03-25
Manifest Number:	007433506SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.01020
Quantity Waste:	3.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D006

Year:	2020
EM Manifest ID:	7a331a78-e69b-42af-a3f7-2405b09d24dc
Generator EPA ID:	CAL000078976
Shipment Date:	2020-03-25
Manifest Number:	007433506SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.01020
Quantity Waste:	3.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D007

Year:	2020
EM Manifest ID:	7a331a78-e69b-42af-a3f7-2405b09d24dc
Generator EPA ID:	CAL000078976
Shipment Date:	2020-03-25
Manifest Number:	007433506SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.01020
Quantity Waste:	3.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Quantity Type:	Gallons
Federal Code:	D008

State:

Year:	2020
EM Manifest ID:	7a331a78-e69b-42af-a3f7-2405b09d24dc
Generator EPA ID:	CAL000078976
Shipment Date:	2020-03-25
Manifest Number:	007433506SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.01020
Quantity Waste:	3.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
State Code:	343

Year:	2020
EM Manifest ID:	1002257
Shipment Date:	1/8/2020
Receipt Date:	1/23/2020
Manifest Number:	007220898SKS
Generator EPA ID:	CAL000078976
Name:	WWL VEHICLE SERVICES AMERICA, INC
Address:	5601 EDISON DR
Address 2:	Not reported
City:	OXNARD
Zip:	93033
Telephone:	800-483-3718
Contact:	Steve Sobczak
Contact Telephone:	805-986-2303
Transporter 1 EPA ID:	TXR000081205
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD044429835
TSDF Name:	Clean Harbors Wilmington LLC
TSDF Address 1:	1737 East Denni Street
TSDF Address 2:	Not reported
TSDF City:	Wilmington
TSDF Zip:	90744
TSDF Telephone:	800-483-3718

Federal:

Year:	2020
EM Manifest ID:	1002257
Generator EPA ID:	CAL000078976
Shipment Date:	2020-01-08
Manifest Number:	007220898SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.05100
Quantity Waste:	15.000000
Quantity Unit:	G

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D006

Year:	2020
EM Manifest ID:	1002257
Generator EPA ID:	CAL000078976
Shipment Date:	2020-01-08
Manifest Number:	007220898SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.05100
Quantity Waste:	15.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D007

Year:	2020
EM Manifest ID:	1002257
Generator EPA ID:	CAL000078976
Shipment Date:	2020-01-08
Manifest Number:	007220898SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.05100
Quantity Waste:	15.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D008

State:

Year:	2020
EM Manifest ID:	1002257
Generator EPA ID:	CAL000078976
Shipment Date:	2020-01-08
Manifest Number:	007220898SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.05100
Quantity Waste:	15.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
State Code:	343

Detail Two:

Year:	2019
EM Manifest ID:	547029
Shipment Date:	8/1/2019

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Receipt Date:	8/14/2019
Manifest Number:	006956533SKS
Generator EPA ID:	CAL000078976
Name:	WWL VEHICLE SERVICES AMERICA, INC
Address:	5601 EDISON DR
Address 2:	Not reported
City:	OXNARD
Zip:	93033
Telephone:	800-483-3718
Contact:	Steve Sobczak
Contact Telephone:	805-986-2303
Transporter 1 EPA ID:	TXR000081205
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD044429835
TSDF Name:	Clean Harbors Wilmington LLC
TSDF Address 1:	1737 East Denni Street
TSDF Address 2:	Not reported
TSDF City:	Wilmington
TSDF Zip:	90744
TSDF Telephone:	800-483-3718

State:

Year:	2019
EM Manifest ID:	547029
Generator EPA ID:	CAL000078976
Shipment Date:	2019-08-01
Manifest Number:	006956533SKS
Line Number:	2
Method Code:	H141
Quantity Tons:	0.12500
Quantity Waste:	250.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	223

Year:	2019
EM Manifest ID:	584a5b53-9a2a-4193-9883-fd6c9e106c3b
Shipment Date:	3/18/2019
Receipt Date:	4/1/2019
Manifest Number:	006957120SKS
Generator EPA ID:	CAL000078976
Name:	PACIFIC VEHICLE PROCESSORS INC
Address:	5601 EDISON DR
Address 2:	Not reported
City:	OXNARD
Zip:	93033
Telephone:	800-483-3718
Contact:	Bob Molina
Contact Telephone:	805-986-5711
Transporter 1 EPA ID:	TXR000081205
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

TSDF EPA ID:	CAD044429835
TSDF Name:	Clean Harbors Wilmington LLC
TSDF Address 1:	1737 East Denni Street
TSDF Address 2:	Not reported
TSDF City:	Wilmington
TSDF Zip:	90744
TSDF Telephone:	800-483-3718

Federal:

Year:	2019
EM Manifest ID:	584a5b53-9a2a-4193-9883-fd6c9e106c3b
Generator EPA ID:	CAL000078976
Shipment Date:	2019-03-18
Manifest Number:	006957120SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.01020
Quantity Waste:	3.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D006

Year:	2019
EM Manifest ID:	584a5b53-9a2a-4193-9883-fd6c9e106c3b
Generator EPA ID:	CAL000078976
Shipment Date:	2019-03-18
Manifest Number:	006957120SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.01020
Quantity Waste:	3.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D007

Year:	2019
EM Manifest ID:	584a5b53-9a2a-4193-9883-fd6c9e106c3b
Generator EPA ID:	CAL000078976
Shipment Date:	2019-03-18
Manifest Number:	006957120SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.01020
Quantity Waste:	3.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D008

State:

Year:	2019
EM Manifest ID:	584a5b53-9a2a-4193-9883-fd6c9e106c3b

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Generator EPA ID:	CAL000078976
Shipment Date:	2019-03-18
Manifest Number:	006957120SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.01020
Quantity Waste:	3.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
State Code:	343

Year:	2019
EM Manifest ID:	231351
Shipment Date:	11/28/2018
Receipt Date:	12/13/2018
Manifest Number:	006662716SKS
Generator EPA ID:	CAL000078976
Name:	PACIFIC VEHICLE PROCESSORS INC
Address:	5601 EDISON DR
Address 2:	Not reported
City:	OXNARD
Zip:	93033
Telephone:	800-483-3718
Contact:	Accounts Payable
Contact Telephone:	805-986-5740
Transporter 1 EPA ID:	TXR000081205
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD044429835
TSDF Name:	Clean Harbors Wilmington LLC
TSDF Address 1:	1737 East Denni Street
TSDF Address 2:	Not reported
TSDF City:	Wilmington
TSDF Zip:	90744
TSDF Telephone:	800-483-3718

Federal:

Year:	2019
EM Manifest ID:	231351
Generator EPA ID:	CAL000078976
Shipment Date:	2018-11-28
Manifest Number:	006662716SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00680
Quantity Waste:	2.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D006

Year:	2019
EM Manifest ID:	231351

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Generator EPA ID:	CAL000078976
Shipment Date:	2018-11-28
Manifest Number:	006662716SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00680
Quantity Waste:	2.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D007

Year:	2019
EM Manifest ID:	231351
Generator EPA ID:	CAL000078976
Shipment Date:	2018-11-28
Manifest Number:	006662716SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00680
Quantity Waste:	2.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D008

State:

Year:	2019
EM Manifest ID:	231351
Generator EPA ID:	CAL000078976
Shipment Date:	2018-11-28
Manifest Number:	006662716SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00680
Quantity Waste:	2.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Gallons
State Code:	343

Year:	2019
EM Manifest ID:	687355
Shipment Date:	10/9/2019
Receipt Date:	10/24/2019
Manifest Number:	007057845SKS
Generator EPA ID:	CAL000078976
Name:	WWL VEHICLE SERVICES AMERICA, INC
Address:	5601 EDISON DR
Address 2:	Not reported
City:	OXNARD
Zip:	93033
Telephone:	800-483-3718

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Contact:	Steve Sobczak
Contact Telephone:	805-986-2303
Transporter 1 EPA ID:	TXR000081205
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD044429835
TSDF Name:	Clean Harbors Wilmington LLC
TSDF Address 1:	1737 East Denni Street
TSDF Address 2:	Not reported
TSDF City:	Wilmington
TSDF Zip:	90744
TSDF Telephone:	800-483-3718

Federal:

Year:	2019
EM Manifest ID:	687355
Generator EPA ID:	CAL000078976
Shipment Date:	2019-10-09
Manifest Number:	007057845SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.01250
Quantity Waste:	25.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D006

Year:	2019
EM Manifest ID:	687355
Generator EPA ID:	CAL000078976
Shipment Date:	2019-10-09
Manifest Number:	007057845SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.01250
Quantity Waste:	25.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007

Year:	2019
EM Manifest ID:	687355
Generator EPA ID:	CAL000078976
Shipment Date:	2019-10-09
Manifest Number:	007057845SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.01250
Quantity Waste:	25.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Federal Code: D008

State:

Year:	2019
EM Manifest ID:	687355
Generator EPA ID:	CAL000078976
Shipment Date:	2019-10-09
Manifest Number:	007057845SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.01250
Quantity Waste:	25.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	343

Detail Two:

Year:	2018
EM Manifest ID:	73124
Shipment Date:	8/9/2018
Receipt Date:	8/30/2018
Manifest Number:	006074573SKS
Generator EPA ID:	CAL000078976
Name:	PACIFIC VEHICLE PROCESSORS INC
Address:	5601 EDISON DR
Address 2:	Not reported
City:	OXNARD
Zip:	93033
Telephone:	800-483-3718
Contact:	Accounts Payable
Contact Telephone:	805-986-5740
Transporter 1 EPA ID:	TXR000081205
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD044429835
TSDF Name:	Clean Harbors Wilmington LLC
TSDF Address 1:	1737 East Denni Street
TSDF Address 2:	Not reported
TSDF City:	Wilmington
TSDF Zip:	90744
TSDF Telephone:	800-483-3718

Federal:

Year:	2018
EM Manifest ID:	73124
Generator EPA ID:	CAL000078976
Shipment Date:	2018-08-09
Manifest Number:	006074573SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00340
Quantity Waste:	1.000000
Quantity Unit:	G

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D006

Year:	2018
EM Manifest ID:	73124
Generator EPA ID:	CAL000078976
Shipment Date:	2018-08-09
Manifest Number:	006074573SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00340
Quantity Waste:	1.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D007

Year:	2018
EM Manifest ID:	73124
Generator EPA ID:	CAL000078976
Shipment Date:	2018-08-09
Manifest Number:	006074573SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00340
Quantity Waste:	1.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D008

State:

Year:	2018
EM Manifest ID:	73124
Generator EPA ID:	CAL000078976
Shipment Date:	2018-08-09
Manifest Number:	006074573SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00340
Quantity Waste:	1.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
State Code:	343

Year:	2018
EM Manifest ID:	006245083SKS20170831_D_1
Shipment Date:	8/31/2017
Receipt Date:	9/20/2017
Manifest Number:	006245083SKS

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Generator EPA ID:	CAL000078976
Name:	PACIFIC VEHICLE PROCESSORS INC
Address:	Not reported
Address 2:	Not reported
City:	Not reported
Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	TXR000081205
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NED981723513
TSDF Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	006245083SKS20170831_D_1
Generator EPA ID:	CAL000078976
Shipment Date:	2017-08-31
Manifest Number:	006245083SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.00340
Quantity Waste:	1.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D006

Year:	2018
EM Manifest ID:	006245083SKS20170831_D_1
Generator EPA ID:	CAL000078976
Shipment Date:	2017-08-31
Manifest Number:	006245083SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.00340
Quantity Waste:	1.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D007

Year:	2018
EM Manifest ID:	006245083SKS20170831_D_1
Generator EPA ID:	CAL000078976
Shipment Date:	2017-08-31
Manifest Number:	006245083SKS
Line Number:	1

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Method Code:	H040
Quantity Tons:	0.00340
Quantity Waste:	1.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D008

State:

Year:	2018
EM Manifest ID:	006245083SKS20170831_D_1
Generator EPA ID:	CAL000078976
Shipment Date:	2017-08-31
Manifest Number:	006245083SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.00340
Quantity Waste:	1.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	343

Year:	2018
EM Manifest ID:	006774061FLE20170512_D_1
Shipment Date:	5/12/2017
Receipt Date:	5/26/2017
Manifest Number:	006774061FLE
Generator EPA ID:	CAL000078976
Name:	PACIFIC VEHICLE PROCESSORS INC
Address:	Not reported
Address 2:	Not reported
City:	Not reported
Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	TXR000081205
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MAD039322250
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NED981723513
TSDF Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

Federal:

Year:	2018
EM Manifest ID:	006774061FLE20170512_D_1
Generator EPA ID:	CAL000078976
Shipment Date:	2017-05-12

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Manifest Number:	006774061FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.00680
Quantity Waste:	2.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D006

Year:	2018
EM Manifest ID:	006774061FLE20170512_D_1
Generator EPA ID:	CAL000078976
Shipment Date:	2017-05-12
Manifest Number:	006774061FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.00680
Quantity Waste:	2.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D007

Year:	2018
EM Manifest ID:	006774061FLE20170512_D_1
Generator EPA ID:	CAL000078976
Shipment Date:	2017-05-12
Manifest Number:	006774061FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.00680
Quantity Waste:	2.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D008

State:

Year:	2018
EM Manifest ID:	006774061FLE20170512_D_1
Generator EPA ID:	CAL000078976
Shipment Date:	2017-05-12
Manifest Number:	006774061FLE
Line Number:	1
Method Code:	H040
Quantity Tons:	0.00680
Quantity Waste:	2.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	343

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Additional Info:

Year:	2017
Gen EPA ID:	CAL000078976
Shipment Date:	20170905
Creation Date:	7/6/2018 18:30:51
Receipt Date:	20170905
Manifest ID:	017004652JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
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:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
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:	20170905
Creation Date:	7/6/2018 18:30:51
Receipt Date:	20170905
Manifest ID:	017004652JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.036
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170831
Creation Date:	10/5/2018 18:30:23
Receipt Date:	20170920
Manifest ID:	006245083SKS
Trans EPA ID:	TXR000081205

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D008
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0034
Waste Quantity:	1
Quantity Unit:	G
Additional Code 1:	D007
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170607
Creation Date:	7/12/2018 18:30:13
Receipt Date:	20170607
Manifest ID:	016998132JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.054
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170512
Creation Date:	10/27/2018 18:30:13
Receipt Date:	20170526
Manifest ID:	006774061FLE
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D008

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0068
Waste Quantity:	2
Quantity Unit:	G
Additional Code 1:	D007
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170307
Creation Date:	5/11/2018 18:31:59
Receipt Date:	20170307
Manifest ID:	016241520JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0468
Waste Quantity:	13
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAL000078976
Shipment Date:	20150914
Creation Date:	2/26/2016 22:15:15
Receipt Date:	20150914
Manifest ID:	014406868JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0648
Waste Quantity:	18
Quantity Unit:	G
Additional Code 1:	F003

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150619
Creation Date:	1/20/2016 22:15:43
Receipt Date:	20150619
Manifest ID:	014547108JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.09
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150619
Creation Date:	1/20/2016 22:15:43
Receipt Date:	20150619
Manifest ID:	014547108JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
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:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
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:	20150218
Creation Date:	6/25/2015 22:15:36
Receipt Date:	20150309
Manifest ID:	008034653FLE

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.75
Waste Quantity:	1500
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:	20150105
Creation Date:	9/22/2015 22:15:09
Receipt Date:	20150105
Manifest ID:	013249886JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.072
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000078976

Shipment Date:	20150914
Creation Date:	2/26/2016 22:15:15
Receipt Date:	20150914
Manifest ID:	014406868JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0648
Waste Quantity:	18
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150619
Creation Date:	1/20/2016 22:15:43
Receipt Date:	20150619
Manifest ID:	014547108JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.09
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150619
Creation Date:	1/20/2016 22:15:43
Receipt Date:	20150619
Manifest ID:	014547108JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
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:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1251
Waste Quantity:	30

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

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:	20150218
Creation Date:	6/25/2015 22:15:36
Receipt Date:	20150309
Manifest ID:	008034653FLE
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.75
Waste Quantity:	1500
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:	20150105
Creation Date:	9/22/2015 22:15:09
Receipt Date:	20150105
Manifest ID:	013249886JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.072
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

CERS:

Name:	WWL VEHICLE SERVICES AMERICAS, INC.
Address:	5601 EDISON DR.
City,State,Zip:	OXNARD, CA 93033
Site ID:	141133
CERS ID:	10200664
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	141133
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	10-28-2013
Citation:	22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description:	Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.
Violation Notes:	Returned to compliance on 11/22/2013. CCR 66262.40 (a) Failure to retain the manifest for three years - Manifest with TSDF signature are not available within 30 days of disposal. Contact hauler and/or TSDF to obtain missing manifest. They are to be available for 3 years.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS,

Site ID:	141133
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	12-20-2021
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Failure to retain Bill of Lading (disposal records) for used oil filters.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS,

Site ID:	141133
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	12-20-2021
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended.
Violation Notes:	Returned to compliance on 12/22/2021.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	141133
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	02-01-2016
Citation:	22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description:	Failure to properly handle, manage, label, and recycle used oil and fuel filters.

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Violation Notes:	Returned to compliance on 03/01/2016. Failure to fill out accumulation dates to used oil filter, used waterbase paint, used solvent paint. Provide accumulation dates to hazardous waste labels.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS,
Site ID:	141133
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	12-05-2019
Citation:	HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67 , Section(s) 25270.4.5 (a)
Violation Description:	Failure to have management or a professional engineer certify the SPCC Plan and comply with certification requirements at a qualified facility.
Violation Notes:	Returned to compliance on 01/31/2020.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	141133
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	12-20-2021
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Observed metal 55 gallon container of used oil filters without a lid on it and missing accumulation date.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS,
Site ID:	141133
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	02-01-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 03/01/2016. Most current annual submittal was 11/22/2013. Log onto CERS, update inventory, and provide annual submittal. For hazardous waste, fill out "Hazardous Material Type" to say waste and fill out Annual Waste Amount.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	141133
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	02-01-2016
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 03/01/2016. Most current annual submittal

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

	was 11/22/2013. Log onto CERS, update inventory, and provide annual submittal. For hazardous waste, fill out "Hazardous Material Type" to say waste and fill out Annual Waste Amount.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	141133
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	10-28-2013
Citation:	22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description:	Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.
Violation Notes:	Returned to compliance on 11/22/2013. CCR 66262.40 (a) Failure to retain the manifest for three years - Manifests for waste oil and waste antifreeze are not available. Lood through records, contact haulaer, and/or contact disposal facility for obtain 3 years worth of disposal records.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS,
Site ID:	141133
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	12-05-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	"Failure to prepare an SPCC Plan which fulfills all basic requirements that include: 1. The SPCC Plan must be prepared in accordance with good engineering practices. 2. Have full approval of management at a level of authority to commit the necessary resources to fully implement the SPCC Plan. 3. Prepare the SPCC Plan in writing. 4. Follow the sequence of the SPCC rule or include a cross-reference. 5. If the SPCC Plan calls for additional procedures, methods, or equipment not yet fully operational, discuss the items in separate paragraphs."
Violation Notes:	Returned to compliance on 01/31/2020.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	141133
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	12-05-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to discuss in the SPCC Plan procedures to test or inspect each aboveground container for integrity in accordance with industry standards: 1. On a regular schedule. 2. After material repairs are made. 3. By qualified personnel. 4. The frequency and type of testing and inspections based on container size, configuration, and design.
Violation Notes:	Returned to compliance on 01/31/2020.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS,

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Site ID:	141133
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	12-05-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 01/31/2020.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	141133
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	10-28-2013
Citation:	19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description:	Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes:	Returned to compliance on 11/22/2013. CA H&SC Section 25509(a) Annual Inventory Report - Facility has not logged onto CERS. Log onto CERS and provide required information. Maintain annually.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	141133
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	02-01-2016
Citation:	40 CFR 1 265.35 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.35
Violation Description:	Failure to maintain aisle space to allow the unobstructed movement of personnel, fire protection, spill control equipment, and decontamination equipment to any area of facility operation in an emergency, unless it can be demonstrated to the Department that aisle space is not needed for any of these purposes.
Violation Notes:	Returned to compliance on 03/01/2016. Used oil filter container is under shelving and blocked by equipment in conex box west of building. Provide easy access to used oil filter container.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS,

Site ID:	141133
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	10-28-2013
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 10/28/2013. CCR 66262.34 (f)(3) Mislabeled

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

	or no labels on the hazardous waste containers - Used oil filters container labeled as oily absorbent. Provide accurate information to hazardous waste labels. Corrected.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS,
Site ID:	141133
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	10-28-2013
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to obtain facility management approval to fully implement the SPCC Plan.
Violation Notes:	Returned to compliance on 11/22/2013. SPCC Plan from 2009 is missing management approval signature and date. Provide missing signature and date to SPCC Plan.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	141133
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	10-09-2017
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 10/19/2017. Nov Sent
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	141133
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	02-01-2016
Citation:	HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description:	APSA Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 03/01/2016. Failure to provide required labeling to both fuel tanks. Provide labels to aboveground tank penetration fittings.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-01-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Oxnard City CUPA
Eval Program:	APSA
Eval Source:	CERS,

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Eval General Type: Other/Unknown
Eval Date: 10-09-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-20-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-28-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-01-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-28-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-05-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-05-2019
Violations Found: Yes

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-20-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Review and update typo to Primary Emergency Contact s Title on CERS. According to City records, the owner is WWL Vehicle Processing Americas, Inc . Update the Business Owner/Operator Information page and submit to CERS for review.
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-20-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-01-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-28-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-05-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Entity Title:	Not reported
Affiliation Address:	5601 EDISON DR
Affiliation City:	OXNARD
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93033
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	WWL VEHICLE SERVICES AMERICAS
Entity Title:	Not reported
Affiliation Address:	5601 Edison Dr.
Affiliation City:	OXNARD
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93033
Affiliation Phone:	(805) 488-3050,

Affiliation Type Desc:	Document Preparer
Entity Name:	Linda Wolfkiel
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Linda Wolfkiel
Entity Title:	Not reported
Affiliation Address:	5601 EDISON DR
Affiliation City:	OXNARD
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93033
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Mike Wallace
Entity Title:	General 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:	Parent Corporation
Entity Name:	WWL Vehicle Services Americas, 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:	,

WWL VEHICLE SERVICE AMERICA (Continued) **S100270130**

Affiliation Type Desc:	CUPA District
Entity Name:	Oxnard Fire Department
Entity Title:	Not reported
Affiliation Address:	360 West Second Street
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	(805) 385-7722,

Affiliation Type Desc:	Operator
Entity Name:	WWL Vehicle Services Americas 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:	(805) 488-3050,

Affiliation Type Desc:	Property Owner
Entity Name:	WWL - Vehicle Services Americas
Entity Title:	Not reported
Affiliation Address:	5601 Edison Drive
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93033
Affiliation Phone:	(805) 488-3050,

A69 **PACIFIC VEHICLE PROCESSORS** **LUST** **S101596380**
South **5601 EDISON DR** **AST** **N/A**
< 1/8 **OXNARD, CA 93030** **SWEEPS UST**
0.005 mi. **CA FID UST**
28 ft. **Site 4 of 6 in cluster A** **Cortese**

Actual:
17 ft.

Focus Map:
4

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	C04015	
Status:	Leak being confirmed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	04015	
Case Type:	Undefined	
Abatement Method Used at the Site:		Not reported
Global ID:	T0611127035	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	HUENEME RD	
Enforcement Type:	LFOR	
Date Leak Discovered:	12/30/2003	
Date Leak First Reported:		1/22/2004
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	1/23/2004	

PACIFIC VEHICLE PROCESSORS (Continued) **S101596380**

Date Leak Stopped:	12/30/2003	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		Not reported
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Close Tank	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		Not reported
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	DOUG MINNIS	
RP Address:	5601 EDISON DR	
Program:	Not reported	
Lat/Long:	0 / 0	
Local Agency Staff:	DBW	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

AST:

Name:	PACIFIC VEHICLE PROCESSORS
Address:	5601 EDISON DRIVE
City/Zip:	OXNARD,
Certified Unified Program Agencies:	Oxnard
Owner:	PACIFIC VEHICLE PROCESSORS INC
Total Gallons:	5,000
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported

PACIFIC VEHICLE PROCESSORS (Continued) **S101596380**

Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

SWEEPS UST:

Name:	WALLENIUS LINES
Address:	5601 EDISON DR
City:	OXNARD
Status:	Active
Comp Number:	4970
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	09-30-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	56-000-004970-000001
Tank Status:	A
Capacity:	5000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	1

CA FID UST:

Facility ID:	56004024
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	5601 EDISON DR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OXNARD 93033
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

CORTESE:

Name:	PACIFIC VEHICLE PROCESSORS

PACIFIC VEHICLE PROCESSORS (Continued) **S101596380**

Address:	5601 EDISON DR
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611127035
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

A70 **WWL VEHICLE SERVICE AMERICA** **RCRA NonGen / NLR** **1024790159**
South **5601 EDISON DRIVE** **CAL000078976**
< 1/8 **OXNARD, CA 93033**
0.005 mi.
28 ft. **Site 5 of 6 in cluster A**

Actual:
17 ft.

Focus Map:
4

RCRA Listings:

Date Form Received by Agency:	19930319
Handler Name:	Wwl Vehicle Service America
Handler Address:	5601 EDISON DRIVE
Handler City,State,Zip:	OXNARD, CA 93033-0000
EPA ID:	CAL000078976
Contact Name:	HALUK YAZICI
Contact Address:	5601 EDISON DR
Contact City,State,Zip:	OXNARD, CA 93033
Contact Telephone:	805-986-5739
Contact Fax:	805-488-0656
Contact Email:	HALUK.YAZICI@2WGLOBAL.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:	5601 EDISON DR
Mailing City,State,Zip:	OXNARD, CA 93033-3050
Owner Name:	Wallenius Holding, Inc(Parent
Owner Type:	Other
Operator Name:	Haluk Yazici
Operator Type:	Other

WWL VEHICLE SERVICE AMERICA (Continued) **1024790159**

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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: HALUK YAZICI	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5601 EDISON DR
Owner/Operator City,State,Zip:	OXNARD, CA 93033
Owner/Operator Telephone:	805-986-5739
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: WALLENIUS HOLDING, INC(PARENT	

WWL VEHICLE SERVICE AMERICA (Continued) **1024790159**

Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	188 BROADWAY PO BOX 1232
Owner/Operator City,State,Zip:	WOODCLIFF LAKE, NJ 07675-1232
Owner/Operator Telephone:	201-307-1300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19930319
Handler Name:	WWL VEHICLE SERVICE AMERICA
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:	48841
NAICS Description:	MOTOR VEHICLE TOWING
NAICS Code:	811198
NAICS Description:	ALL OTHER AUTOMOTIVE REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

A71 **PACIFIC VEHICLE PROCESSORS** **LUST** **S106446529**
South **5601 EDISON DR** **CERS** **N/A**
< 1/8 **OXNARD, CA 93030**
0.005 mi.
28 ft. **Site 6 of 6 in cluster A**

Actual:
17 ft.

Focus Map:
4

VENTURA CO. LUST:

Name:	PACIFIC VEHICLE PROCESSORS
Address:	5601 EDISON DR
City:	OXNARD
Region:	VENTURA
Facility ID:	04015
Status:	Case Closed

CERS:

Name:	PACIFIC VEHICLE PROCESSORS
Address:	5601 EDISON DR

PACIFIC VEHICLE PROCESSORS (Continued) **S106446529**

City,State,Zip: OXNARD, CA 93030
Site ID: 674459
CERS ID: T0611127035
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: DIANE B. WAHL - VENTURA COUNTY
Entity Title: Not reported
Affiliation Address: 800 S. VICTORIA AVE.
Affiliation City: VENTURA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 8056545040,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766714,

J72 **SOUTHLAND SOD FARM** **HIST UST** **U001579869**
North **2599 HUENEME RD** **N/A**
< 1/8 **OXNARD, CA 93030**
0.010 mi.
55 ft. **Site 1 of 2 in cluster J**

Actual:
22 ft.

Focus Map:
2

HIST UST:
Name: SOUTHLAND SOD FARM
Address: 2599 HUENEME RD
City,State,Zip: OXNARD, CA 93030
File Number: 0002ce69
URL: https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002ce69.pdf
Region: STATE
Facility ID: 00000032788
Facility Type: Other
Other Type: FARM
Contact Name: JURGEN GRAMAKOW
Telephone: 8054883585
Owner Name: SOUTHLAND SOD FARM
Owner Address: 2599 HUENEME RD
Owner City,St,Zip: OXNARD, CA 93030
Total Tanks: 0002

Tank Num: 001
Container Num: 2
Year Installed: 1981
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

SOUTHLAND SOD FARM (Continued) **U001579869**

Tank Num:	002
Container Num:	1
Year Installed:	1981
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

J73 **SOUTHLAND SOD FARMS** **UST** **U002169208**
North **2599 HUENEME ROAD** **N/A**
< 1/8 **OXNARD, CA**
0.010 mi.
55 ft. **Site 2 of 2 in cluster J**

Actual:
22 ft.

Focus Map:
2

VENTURA CO. UST:

Name:	SOUTHLAND SOD FARMS
Address:	2599 HUENEME ROAD
City:	OXNARD
Facility ID:	D 232
Facility Status:	Inactive

K74 **ARTHUR PIDDUCK RANCH** **LUST** **S105033169**
East **3391 HUENEME RD E** **Cortese** **N/A**
< 1/8 **OXNARD, CA 93033** **CERS**
0.057 mi.
300 ft. **Site 1 of 3 in cluster K**

Actual:
19 ft.

Focus Map:
6

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	930330061	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Excavate and Dispose
Global ID:	T0611100071	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	1/1/1988	
Date Leak First Reported:		10/7/1988
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		8/12/1996
Date the Case was Closed:		9/6/1996
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	

ARTHUR PIDDUCK RANCH (Continued) **S105033169**

Cause of Leak:	UNK
Leak Source:	Tank
Operator:	PIDDUCK, ART
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	2768.6509680202704488266424137
Source of Cleanup Funding:	Tank
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	12/8/1988
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	2/13/1991
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	1/1/1965
Hist Max MTBE Conc in Groundwater:	0
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Yes
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	BLANK RP
RP Address:	3391 E. HUENEME RD., OXNARD CA 93033
Program:	LUST
Lat/Long:	34.1471605 / -1
Local Agency Staff:	EHD
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	VCEH CASE#C88137

LUST:

Name:	ARTHUR PIDDUCK RANCH
Address:	3391 HUENEME RD E
City,State,Zip:	OXNARD, CA 93033
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611100071
Global Id:	T0611100071
Latitude:	34.1469646
Longitude:	-119.1097198
Status:	Completed - Case Closed
Status Date:	09/06/1996
Case Worker:	YR
RB Case Number:	930330061
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported

ARTHUR PIDDUCK RANCH (Continued) **S105033169**

Begin Date:	01/01/1988
Leak Reported Date:	10/07/1988
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Unknown
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	09/06/1996
CA Water Watershed Name:	Calleguas - Oxnard Plain - East Of Oxnard (408.11)
Dwr Groundwater Subbasin Name:	Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	LOS ANGELES RWQCB (REGION 4)
Site History:	Not reported

LUST:

Global Id:	T0611100071
Contact Type:	Regional Board Caseworker - Primary Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0611100071
Action Type:	Other
Date:	10/07/1988
Action:	Leak Reported
Global Id:	T0611100071
Action Type:	ENFORCEMENT
Date:	09/06/1996
Action:	Closure/No Further Action Letter
Global Id:	T0611100071
Action Type:	Other
Date:	01/01/1988
Action:	Leak Discovery

LUST:

Global Id:	T0611100071
Status:	Open - Case Begin Date
Status Date:	01/01/1988
Global Id:	T0611100071
Status:	Open - Site Assessment
Status Date:	12/08/1988
Global Id:	T0611100071
Status:	Open - Verification Monitoring
Status Date:	02/13/1991

ARTHUR PIDDUCK RANCH (Continued) **S105033169**

Global Id:	T0611100071
Status:	Completed - Case Closed
Status Date:	09/06/1996

CORTESE:

Name:	ARTHUR PIDDUCK RANCH
Address:	3391 HUENEME RD E
City,State,Zip:	OXNARD, CA 93033
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611100071
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:	ARTHUR PIDDUCK RANCH
Address:	3391 HUENEME RD E
City,State,Zip:	OXNARD, CA 93033
Site ID:	635905
CERS ID:	T0611100071
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

K75 East < 1/8 0.057 mi. 300 ft. | **ART R. PIDDUCK RANCH**
3391 HUENEME RD
OXNARD, CA 93037
Site 2 of 3 in cluster K

LUST
VENTURA CO. BWT
Cortese
HIST CORTESE
CERS

S102424669
N/A

Actual: 19 ft.

Focus Map: 6

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	C-88137	
Status:	Case Closed	
Substance:	Regular Gasoline	
Substance Quantity:	Not reported	
Local Case No:	88137	
Case Type:	Soil	
Abatement Method Used at the Site:		Excavate and Dispose
Global ID:	T0611100373	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	Not reported	
Enforcement Type:	EF	
Date Leak Discovered:	1/1/1988	
Date Leak First Reported:		1/1/1988
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	7/1/1988	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		9/6/1996
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		2757.0401740326101953547660831
Source of Cleanup Funding:		F
Preliminary Site Assessment Workplan Submitted:		7/26/1988
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		1/1/1988
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	ART PIDDUCK RANCH	
RP Address:	Not reported	
Program:	LUST	
Lat/Long:	34.1471855 / -1	
Local Agency Staff:	EHD	

ART R. PIDDUCK RANCH (Continued) **S102424669**

Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

VENTURA CO. LUST:

Name:	ART R. PIDDUCK RANCH
Address:	3391 HUENEME RD
City:	OXNARD
Region:	VENTURA
Facility ID:	88137
Status:	Case Closed

LUST:

Name:	ART R. PIDDUCK RANCH
Address:	3391 HUENEME RD
City,State,Zip:	OXNARD, CA 93037
Lead Agency:	VENTURA COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611100373
Global Id:	T0611100373
Latitude:	34.1469646
Longitude:	-119.1097198
Status:	Completed - Case Closed
Status Date:	09/06/1996
Case Worker:	Not reported
RB Case Number:	C-88137
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	88137
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Map Move
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	01/01/1988
Leak Reported Date:	01/01/1988
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	09/06/1996
CA Water Watershed Name:	Calleguas - Oxnard Plain - East Of Oxnard (408.11)
Dwr Groundwater Subbasin Name:	Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	LOS ANGELES RWQCB (REGION 4)
Site History:	Not reported

ART R. PIDDUCK RANCH (Continued) **S102424669**

LUST:
Global Id: T0611100373
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

LUST:
Global Id: T0611100373
Action Type: ENFORCEMENT
Date: 01/01/1988
Action: * Historical Enforcement

Global Id: T0611100373
Action Type: Other
Date: 01/01/1988
Action: Leak Reported

Global Id: T0611100373
Action Type: Other
Date: 01/01/1988
Action: Leak Discovery

LUST:
Global Id: T0611100373
Status: Open - Case Begin Date
Status Date: 01/01/1988

Global Id: T0611100373
Status: Open - Site Assessment
Status Date: 07/01/1988

Global Id: T0611100373
Status: Open - Site Assessment
Status Date: 07/26/1988

Global Id: T0611100373
Status: Completed - Case Closed
Status Date: 09/06/1996

VENTURA CO. BWT:
Name: REITER BROTHERS INC/ART'S RANCH
Address: 3391 HUENEME RD
City,State,Zip: OXNARD, CA
Facility ID: FA0028274
Program: BUSINESS PLAN - FARM

Name: GUAYABITO FARMS, PIDDUCK RANCH
Address: 3391 HUENEME RD
City,State,Zip: OXNARD, CA
Facility ID: FA0039187

ART R. PIDDUCK RANCH (Continued) **S102424669**

Program: BUSINESS PLAN - FARM

CORTESE:

Name:	ART R. PIDDUCK RANCH
Address:	3391 HUENEME RD
City,State,Zip:	OXNARD, CA 93037
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611100373
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	ART R. PIDDUCK RANCH
edr_fadd1:	3391 HUENEME
City,State,Zip:	OXNARD, CA 93037
Region:	CORTESE
Facility County Code:	56
Reg By:	LTNKA
Reg Id:	C-88137

edr_fname:	ARTHUR PIDDUCK RANCH
edr_fadd1:	3391 HUENEME
City,State,Zip:	OXNARD, CA 93037
Region:	CORTESE
Facility County Code:	56
Reg By:	LTNKA
Reg Id:	930330061

CERS:

Name:	ART R. PIDDUCK RANCH
Address:	3391 HUENEME RD
City,State,Zip:	OXNARD, CA 93037
Site ID:	635882
CERS ID:	T0611100373
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)

ART R. PIDDUCK RANCH (Continued) **S102424669**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766714,

K76 **ARTHUR PIDDUCK RANCH** **HIST UST** **U001579943**
East **3391 E HUENEME RD** **VENTURA CO. BWT** **N/A**
< 1/8 **OXNARD, CA 93033** **CERS**
0.057 mi.
300 ft. **Site 3 of 3 in cluster K**

Actual:
19 ft.

Focus Map:
6

HIST UST:

Name:	ARTHUR PIDDUCK RANCH
Address:	3391 E HUENEME RD
City,State,Zip:	OXNARD, CA 93033
File Number:	0002c453
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002c453.pdf
Region:	STATE
Facility ID:	00000009373
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	8054822777
Owner Name:	ARTHUR PIDDUCK RANCH
Owner Address:	3391 E. HUENEME RD.
Owner City,St,Zip:	OXNARD, CA 93033
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	1955
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	1954
Tank Capacity:	00000650
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

VENTURA CO. BWT:

Name:	DRISCOLL'S
Address:	3391 E HUENEME RD
City,State,Zip:	OXNARD, CA
Facility ID:	FA0037065

ARTHUR PIDDUCK RANCH (Continued) **U001579943**

Program: BUSINESS PLAN - FARM

CERS:

Name:	GUAYABITO FARMS, PIDDUCK RANCH
Address:	3391 E HUENEME RD
City,State,Zip:	OXNARD, CA 93033
Site ID:	593681
CERS ID:	10832239
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-04-2021
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Ventura County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-05-2022
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Ventura County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Coordinates:

Site ID:	593681
Facility Name:	Guayabito Farms, Pidduck Ranch
Env Int Type Code:	HMBP
Program ID:	10832239
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	34.147550
Longitude:	-119.177600

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	Joaquin Paez
Entity Title:	Not reported
Affiliation Address:	730 S. A Street
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	Guayabito Farms
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

ARTHUR PIDDUCK RANCH (Continued) **U001579943**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(805) 248-0656,
Affiliation Type Desc:	Document Preparer
Entity Name:	Gabriel Hernandez
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:	Gabriel Hernandez
Entity Title:	Safety Officer, EHS
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:	730 S A St
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Guayabito Farms, Pidduck Ranch
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	Ventura County Environmental Health
Entity Title:	Not reported
Affiliation Address:	800 South Victoria Avenue
Affiliation City:	Ventura
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93009
Affiliation Phone:	(805) 654-2813,
Affiliation Type Desc:	Legal Owner
Entity Name:	Guayabito Farms
Entity Title:	Not reported

ARTHUR PIDDUCK RANCH (Continued) **U001579943**

Affiliation Address:	730 S. A Street
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93030
Affiliation Phone:	(805) 483-1000,

Name:	DRISCOLL'S
Address:	3391 E HUENEME RD
City,State,Zip:	OXNARD, CA 93033
Site ID:	437690
CERS ID:	10762810
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	437690
Site Name:	Driscoll's
Violation Date:	05-15-2018
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 06/19/2018.
Violation Division:	Ventura County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	437690
Site Name:	Driscoll's
Violation Date:	05-15-2018
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Returned to compliance on 06/28/2018.
Violation Division:	Ventura County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	437690
Site Name:	Driscoll's
Violation Date:	05-15-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to electronically submit the training program in safety procedures when not meeting the agricultural handler exemption requirements.
Violation Notes:	Returned to compliance on 06/28/2018.
Violation Division:	Ventura County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

ARTHUR PIDDUCK RANCH (Continued) **U001579943**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-15-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Ventura County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-15-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Ventura County Environmental Health
Eval Program:	HW
Eval Source:	CERS,

Coordinates:

Site ID:	437690
Facility Name:	Driscoll's
Env Int Type Code:	HMBP
Program ID:	10762810
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	34.147120
Longitude:	-119.126380

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Ventura County Environmental Health
Entity Title:	Not reported
Affiliation Address:	800 South Victoria Avenue
Affiliation City:	Ventura
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93009
Affiliation Phone:	(805) 654-2813,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Carmen Cacho
Entity Title:	Not reported
Affiliation Address:	3391 E. Hueneme Rd
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93033
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3391 E. Hueneme Road
Affiliation City:	Oxnard
Affiliation State:	CA

ARTHUR PIDDUCK RANCH (Continued) **U001579943**

Affiliation Country:	Not reported
Affiliation Zip:	93033
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Carmen Cacho
Entity Title:	Sr. R&D Farm Supervisor
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:	Driscoll's
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:	Carmen Cacho
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	Driscoll's
Entity Title:	Not reported
Affiliation Address:	3391 E Hueneme Rd.
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93033
Affiliation Phone:	(831) 726-6135,

Affiliation Type Desc:	Operator
Entity Name:	Driscoll's
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:	(831) 726-6135,

77 North < 1/8 0.123 mi. 652 ft. | **WWL VEHICLE SERVICES AMERICAS, INC.**
5351 EDISON DR
OXNARD, CA 93033 | **CERS TANKS**
CERS | **S125743111**
N/A

Actual: 19 ft.

Focus Map: 1

CERS TANKS:

Name:	WWL VEHICLE SERVICES AMERICAS, INC.
Address:	5351 EDISON DR
City,State,Zip:	OXNARD, CA 93033
Site ID:	562052
CERS ID:	10831699
CERS Description:	Aboveground Petroleum Storage

CERS:

Name:	WWL VEHICLE SERVICES AMERICAS, INC.
Address:	5351 EDISON DR
City,State,Zip:	OXNARD, CA 93033
Site ID:	562052
CERS ID:	10831699
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	562052
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	12-05-2019
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	562052
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	12-05-2019
Citation:	HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67 , Section(s) 25270.4.5 (a)
Violation Description:	Failure to have management or a professional engineer certify the SPCC Plan and comply with certification requirements at a qualified facility.
Violation Notes:	Not reported
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	562052
Site Name:	WWL Vehicle Services Americas, Inc.
Violation Date:	12-20-2021
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended.
Violation Notes:	Returned to compliance on 12/22/2021.
Violation Division:	Oxnard City CUPA

WWL VEHICLE SERVICES AMERICAS, INC. (Continued) **S125743111**

Violation Program: APSA
Violation Source: CERS,

Site ID: 562052
Site Name: WWL Vehicle Services Americas, Inc.
Violation Date: 12-05-2019
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to discuss in the SPCC Plan procedures to test or inspect each aboveground container for integrity in accordance with industry standards: 1. On a regular schedule. 2. After material repairs are made. 3. By qualified personnel. 4. The frequency and type of testing and inspections based on container size, configuration, and design.
Violation Notes: Returned to compliance on 12/20/2021.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS,

Site ID: 562052
Site Name: WWL Vehicle Services Americas, Inc.
Violation Date: 12-20-2021
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 12/20/2021.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 562052
Site Name: WWL Vehicle Services Americas, Inc.
Violation Date: 12-05-2019
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: "Failure to prepare an SPCC Plan which fulfills all basic requirements that include: 1. The SPCC Plan must be prepared in accordance with good engineering practices. 2. Have full approval of management at a level of authority to commit the necessary resources to fully implement the SPCC Plan. 3. Prepare the SPCC Plan in writing. 4. Follow the sequence of the SPCC rule or include a cross-reference. 5. If the SPCC Plan calls for additional procedures, methods, or equipment not yet fully operational, discuss the items in separate paragraphs."
Violation Notes: Not reported
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-05-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA

WWL VEHICLE SERVICES AMERICAS, INC. (Continued) **S125743111**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-20-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-20-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-05-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Document Preparer
Entity Name: Mike Wallace
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: 5601 Edison Drive
Affiliation City: Oxnard
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93033
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Mike Wallace
Entity Title: General Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

WWL VEHICLE SERVICES AMERICAS, INC. (Continued) **S125743111**

Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	WWL
Entity Title:	Not reported
Affiliation Address:	5601 Edison Dr
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93033
Affiliation Phone:	(805) 488-3050,

Affiliation Type Desc:	Operator
Entity Name:	WWL Vehicle Services Americas, 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:	(805) 488-3050,

Affiliation Type Desc:	Parent Corporation
Entity Name:	WWL Vehicle Services Americas, 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:	CUPA District
Entity Name:	Oxnard Fire Department
Entity Title:	Not reported
Affiliation Address:	360 West Second Street
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	(805) 385-7722,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Linda Wolfkiel
Entity Title:	Not reported
Affiliation Address:	5601 Edison Drive
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93033
Affiliation Phone:	,

L78 East 1/8-1/4 0.151 mi. 795 ft. | **KITA BROTHERS**
3478 E HUENEME ROAD
OXNARD, CA 93030

Site 1 of 3 in cluster L | **HIST UST** | **U001579783**
N/A

Actual: 19 ft.

Focus Map: 6

HIST UST:

Name:	KITA BROTHERS
Address:	3478 E HUENEME ROAD
City,State,Zip:	OXNARD, CA 93030
File Number:	0002c9e0
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002c9e0.pdf
Region:	STATE
Facility ID:	00000045705
Facility Type:	Other
Other Type:	OFFICE, EQUIP. STORA
Contact Name:	TOM KITA
Telephone:	8054882918
Owner Name:	KITA BROTHERS
Owner Address:	3478 E. HUENEME ROAD
Owner City,St,Zip:	OXNARD, CA 93030
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00000250
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

KITA BROTHERS (Continued) **U001579783**

Click here for Geo Tracker PDF:

L79 **KITA BROS. FARMS** **UST** **U002169209**
East **3478 HUENEME ROAD** **N/A**
1/8-1/4 **OXNARD, CA**
0.151 mi.
795 ft. **Site 2 of 3 in cluster L**

Actual:
19 ft.

Focus Map:
6

VENTURA CO. UST:

Name:	KITA BROS. FARMS
Address:	3478 HUENEME ROAD
City:	OXNARD
Facility ID:	D 234
Facility Status:	Inactive

L80 **KITA BROS** **LUST** **S104164785**
East **3478 HUENEME RD** **Cortese** **N/A**
1/8-1/4 **OXNARD, CA 93030** **HIST CORTESE**
0.151 mi. **CERS**
795 ft. **Site 3 of 3 in cluster L**

Actual:
19 ft.

Focus Map:
6

LUST REG 4:

Region:	4
Regional Board:	04
County:	Ventura
Facility Id:	C-90034
Status:	Case Closed
Substance:	Gasoline
Substance Quantity:	Not reported
Local Case No:	90034
Case Type:	Soil
Abatement Method Used at the Site:	Excavate and Dispose
Global ID:	T0611100618
W Global ID:	Not reported
Staff:	UNK
Local Agency:	56000L
Cross Street:	Not reported
Enforcement Type:	EF
Date Leak Discovered:	2/26/1990
Date Leak First Reported:	2/26/1990
Date Leak Record Entered:	Not reported
Date Confirmation Began:	2/26/1990
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	Not reported
Date the Case was Closed:	9/20/1993
How Leak Discovered:	Not reported
How Leak Stopped:	Not reported
Cause of Leak:	Not reported
Leak Source:	Not reported
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	2765.5739319067420878452997186
Source of Cleanup Funding:	S
Preliminary Site Assessment Workplan Submitted:	2/26/1990
Preliminary Site Assessment Began:	Not reported

KITA BROS (Continued) **S104164785**

Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		2/26/1990
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	KITA BROS	
RP Address:	Not reported	
Program:	LUST	
Lat/Long:	34.1469655 / -1	
Local Agency Staff:	EHD	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	
Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	930300116	
Status:	Case Closed	
Substance:	Diesel	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		GTITET
Global ID:	T0611100059	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	8/8/1986	
Date Leak First Reported:		8/19/1986
Date Leak Record Entered:	12/31/1986	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	8/8/1986	
Date Case Last Changed on Database:		9/13/1993
Date the Case was Closed:		8/20/1993
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	Corrosion	
Leak Source:	Tank	
Operator:	IRELAN	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		2778.0748622821533461570730 81
Source of Cleanup Funding:		Tank

KITA BROS (Continued) **S104164785**

Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	2/20/1990
Remedial Action Underway:	8/20/1990
Post Remedial Action Monitoring Began:	6/30/1992
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Yes
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	KITA BROTHERS RANCH
RP Address:	3478 EAST HUENEME RD, OXNARD, CA 93030
Program:	LUST
Lat/Long:	34.1469345 / -1
Local Agency Staff:	EHD
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

LUST:

Name:	KITA BROTHERS RANCH
Address:	3478 HUENEME RD E
City,State,Zip:	OXNARD, CA 93033
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611100059
Global Id:	T0611100059
Latitude:	34.144776
Longitude:	-119.122758
Status:	Completed - Case Closed
Status Date:	08/20/1993
Case Worker:	YR
RB Case Number:	930300116
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Diesel
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	08/08/1986
Leak Reported Date:	08/19/1986
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Corrosion
Stop Method:	Not reported

KITA BROS (Continued) **S104164785**

Stop Description:	Not reported
No Further Action Date:	08/20/1993
CA Water Watershed Name:	Calleguas - Oxnard Plain - East Of Oxnard (408.11)
Dwr Groundwater Subbasin Name:	Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	91-95%
CA Enviroscreen 4 Score:	85-90%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	LOS ANGELES RWQCB (REGION 4)
Site History:	Not reported

LUST:

Global Id:	T0611100059
Contact Type:	Regional Board Caseworker - Primary Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0611100059
Action Type:	Other
Date:	08/19/1986
Action:	Leak Reported
Global Id:	T0611100059
Action Type:	Other
Date:	08/08/1986
Action:	Leak Discovery
Global Id:	T0611100059
Action Type:	Other
Date:	08/08/1986
Action:	Leak Stopped

LUST:

Global Id:	T0611100059
Status:	Open - Case Begin Date
Status Date:	08/08/1986
Global Id:	T0611100059
Status:	Open - Remediation
Status Date:	02/20/1990
Global Id:	T0611100059
Status:	Open - Remediation
Status Date:	08/20/1990
Global Id:	T0611100059
Status:	Open - Verification Monitoring
Status Date:	06/30/1992
Global Id:	T0611100059
Status:	Completed - Case Closed

KITA BROS (Continued) **S104164785**

Status Date: 08/20/1993

Name: KITA BROS
Address: 3478 HUENEME RD
City,State,Zip: OXNARD, CA 93030
Lead Agency: VENTURA COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611100618
Global Id: T0611100618
Latitude: 34.144776
Longitude: -119.122758
Status: Completed - Case Closed
Status Date: 09/20/1993
Case Worker: Not reported
RB Case Number: C-90034
Local Agency: Not reported
File Location: Not reported
Local Case Number: 90034
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
EPA Region: 9
Coordinate Source: Google Geocode
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 02/26/1990
Leak Reported Date: 02/26/1990
How Discovered: Not reported
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 09/20/1993
CA Water Watershed Name: Calleguas - Oxnard Plain - East Of Oxnard (408.11)
Dwr Groundwater Subbasin Name: Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 91-95%
CA Enviroscreen 4 Score: 85-90%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: LOS ANGELES RWQCB (REGION 4)
Site History: Not reported

LUST:
Global Id: T0611100618
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

LUST:
Global Id: T0611100618
Action Type: ENFORCEMENT

KITA BROS (Continued) **S104164785**

Date: 02/26/1990
Action: * Historical Enforcement

Global Id: T0611100618
Action Type: Other
Date: 02/26/1990
Action: Leak Reported

Global Id: T0611100618
Action Type: Other
Date: 02/26/1990
Action: Leak Discovery

LUST:
Global Id: T0611100618
Status: Open - Case Begin Date
Status Date: 02/26/1990

Global Id: T0611100618
Status: Open - Site Assessment
Status Date: 02/26/1990

Global Id: T0611100618
Status: Completed - Case Closed
Status Date: 09/20/1993

CORTESE:
Name: KITA BROS
Address: 3478 HUENEME RD
City,State,Zip: OXNARD, CA 93030
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0611100618
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

Name: KITA BROTHERS RANCH
Address: 3478 HUENEME RD E
City,State,Zip: OXNARD, CA 93033

KITA BROS (Continued) **S104164785**

Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611100059
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	KITA BROTHERS RANCH
edr_fadd1:	3478 HUENEME
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Facility County Code:	56
Reg By:	LTNKA
Reg Id:	930300116

edr_fname:	KITA BROS
edr_fadd1:	3478 HUENEME
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Facility County Code:	56
Reg By:	LTNKA
Reg Id:	C-90034

CERS:

Name:	KITA BROS
Address:	3478 HUENEME RD
City,State,Zip:	OXNARD, CA 93030
Site ID:	663519
CERS ID:	T0611100618
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766714,

KITA BROS (Continued) **S104164785**

Name: KITA BROTHERS RANCH
Address: 3478 HUENEME RD E
City,State,Zip: OXNARD, CA 93033
Site ID: 663520
CERS ID: T0611100059
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

M81 **PORT HUENEME SERVICE YARD** **HIST UST** **U001580037**
West **700 E HUENEME RD** **N/A**
1/8-1/4 **PORT HUENEME, CA 93041**
0.207 mi.
1091 ft. **Site 1 of 4 in cluster M**

Actual:
14 ft.

Focus Map:
4

HIST UST:
Name: PORT HUENEME SERVICE YARD
Address: 700 E HUENEME RD
City,State,Zip: PORT HUENEME, CA 93041
File Number: 0002c5da
URL: https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002c5da.pdf
Region: STATE
Facility ID: 00000046658
Facility Type: Other
Other Type: Not reported
Contact Name: LES LEACH
Telephone: 8054883625
Owner Name: CITY OF PORT HUENEME
Owner Address: 250 NO. VENTURA RD.
Owner City,St,Zip: PORT HUENEME, CA 93041
Total Tanks: 0002

Tank Num: 001
Container Num: 2
Year Installed: 1983
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 1
Year Installed: 1983
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported

PORT HUENEME SERVICE YARD (Continued) **U001580037**

Leak Detection: None

Click here for Geo Tracker PDF:

M82 **CITY OF PORT HUENEME/SERVICE YRD** **UST** **U003778440**
West **700 E HUENEME RD** **N/A**
1/8-1/4 **PORT HUENEME, CA 93041**
0.207 mi.
1091 ft. **Site 2 of 4 in cluster M**

Actual:
14 ft.

Focus Map:
4

UST:

Name:	CITY OF PORT HUENEME/SERVICE YRD
Address:	700 E HUENEME RD
City,State,Zip:	PORT HUENEME, CA 93041
Facility ID:	056-000-002216
Permitting Agency:	VENTURA COUNTY
CERSID:	Not reported
Latitude:	34.1482674
Longitude:	-119.1882798
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

M83 West 1/8-1/4 0.207 mi. 1091 ft. | **HUENEME SCHOOL DISTRICT MAINTE**
700-C EAST HUENEME ROAD
PORT HUENEME, CA 93041
Site 3 of 4 in cluster M

HIST UST | **1000312791**
HIST CORTESE | **N/A**
WDS

Actual: 14 ft.

Focus Map: 4

HIST UST:

Name:	HUENEME SCHOOL DISTRICT MAINTE
Address:	700-C EAST HUENEME ROAD
City,State,Zip:	PORT HUENEME, CA 93041
File Number:	0002c8b4
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002c8b4.pdf
Region:	STATE
Facility ID:	00000038301
Facility Type:	Other
Other Type:	PUBLIC SCHOOL DISTRI
Contact Name:	NEAL OWEN
Telephone:	8054883588
Owner Name:	HUENEME SCHOOL DISTRICT
Owner Address:	354 NORTH THIRD STREET
Owner City,St,Zip:	PORT HUENEME, CA 93041
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	1983
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	3/16
Leak Detection:	Sensor Instrument
Tank Num:	002
Container Num:	2
Year Installed:	1983
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	3/16
Leak Detection:	Sensor Instrument

Click here for Geo Tracker PDF:

HIST CORTESE:

edr_fname:	HUENEME SCHOOL DIST. BUS
edr_fadd1:	700 C HUENEME
City,State,Zip:	PORT HUENEME, CA 93041
Region:	CORTESE
Facility County Code:	56
Reg By:	LTNKA
Reg Id:	930410025

WDS:

Name:	HUENEME SCH DIST FDT
Address:	700 C HUENEME RD
City:	PORT HUENEME
Facility ID:	4 56I017875
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or

HUENEME SCHOOL DISTRICT MAINTE (Continued) **1000312791**

	semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	8054883119
Facility Contact:	KLOPFSTEIN JOHN
Agency Name:	HUENEME SCH DIST
Agency Address:	205 N Ventura Rd
Agency City,St,Zip:	Port Hueneme 930413084
Agency Contact:	REEVES DEBRA BERRY
Agency Telephone:	8054883588
Agency Type:	State
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

---

84 **HERMAN J BECKER** **LUST** **S102859877**
North **3121 HUENEME RD** **VENTURA CO. BWT** **N/A**
1/8-1/4 **OXNARD, CA 93030** **Cortese**
0.210 mi. **HIST CORTESE**
1107 ft. **CERS**

Actual:
20 ft.

Focus Map:
3

LUST REG 4:

Region:	4
Regional Board:	04
County:	Ventura
Facility Id:	C-88184
Status:	Case Closed
Substance:	Regular Gasoline
Substance Quantity:	Not reported

HERMAN J BECKER (Continued) **S102859877**

Local Case No:	88184	
Case Type:	Groundwater	
Abatement Method Used at the Site:		ETED
Global ID:	T0611100409	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	Not reported	
Enforcement Type:	EF	
Date Leak Discovered:	12/8/1988	
Date Leak First Reported:		12/8/1988
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	12/8/1988	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		3/6/1989
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		3092.582819330913416291601761
Source of Cleanup Funding:		F
Preliminary Site Assessment Workplan Submitted:		12/22/1988
Preliminary Site Assessment Began:		2/21/1989
Pollution Characterization Began:		2/21/1989
Remediation Plan Submitted:		2/21/1989
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		12/12/1988
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	HERMAN J BECKER	
RP Address:	Not reported	
Program:	LUST	
Lat/Long:	34.1471855 / -1	
Local Agency Staff:	EHD	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

VENTURA CO. LUST:

Name:	HERMAN J BECKER
Address:	3121 HUENEME RD
City:	OXNARD
Region:	VENTURA

HERMAN J BECKER (Continued) **S102859877**

Facility ID: 88184
Status: Case Closed

LUST:

Name:	HERMAN J BECKER
Address:	3121 HUENEME RD
City,State,Zip:	OXNARD, CA 93030
Lead Agency:	VENTURA COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611100409
Global Id:	T0611100409
Latitude:	34.150409
Longitude:	-119.132543
Status:	Completed - Case Closed
Status Date:	03/06/1989
Case Worker:	Not reported
RB Case Number:	C-88184
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	88184
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Map Move
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	12/08/1988
Leak Reported Date:	12/08/1988
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	03/06/1989
CA Water Watershed Name:	Calleguas - Oxnard Plain - East Of Oxnard (408.11)
Dwr Groundwater Subbasin Name:	Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	91-95%
CA Enviroscreen 4 Score:	85-90%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	LOS ANGELES RWQCB (REGION 4)
Site History:	Not reported

LUST:

Global Id:	T0611100409
Contact Type:	Regional Board Caseworker
Contact Name:	DANIEL PIROTTON
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	dpirotton@waterboards.ca.gov
Phone Number:	2135766714

LUST:

Global Id:	T0611100409

HERMAN J BECKER (Continued) **S102859877**

Action Type: ENFORCEMENT
Date: 12/12/1988
Action: * Historical Enforcement

Global Id: T0611100409
Action Type: Other
Date: 12/08/1988
Action: Leak Reported

Global Id: T0611100409
Action Type: Other
Date: 12/08/1988
Action: Leak Discovery

LUST:
Global Id: T0611100409
Status: Open - Case Begin Date
Status Date: 12/08/1988

Global Id: T0611100409
Status: Open - Site Assessment
Status Date: 12/08/1988

Global Id: T0611100409
Status: Open - Site Assessment
Status Date: 12/22/1988

Global Id: T0611100409
Status: Open - Remediation
Status Date: 02/21/1989

Global Id: T0611100409
Status: Open - Site Assessment
Status Date: 02/21/1989

Global Id: T0611100409
Status: Completed - Case Closed
Status Date: 03/06/1989

VENTURA CO. BWT:
Name: BECKER RANCH
Address: 3121 HUENEME RD.
City,State,Zip: OXNARD, CA
Facility ID: BP 571
Program: Not reported

CORTESE:
Name: HERMAN J BECKER
Address: 3121 HUENEME RD
City,State,Zip: OXNARD, CA 93030
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0611100409
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED

HERMAN J BECKER (Continued) **S102859877**

Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	HERMAN J BECKER
edr_fadd1:	3121 HUENEME
City,State,Zip:	OXNARD, CA 93031
Region:	CORTESE
Facility County Code:	56
Reg By:	LTNKA
Reg Id:	C-88184

CERS:

Name:	HERMAN J BECKER
Address:	3121 HUENEME RD
City,State,Zip:	OXNARD, CA 93030
Site ID:	659823
CERS ID:	T0611100409
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766714,

M85 **JS MOBILE SERVICES INC** **RCRA NonGen / NLR** **1024863865**
West **720 ARCTURUS AVE #36** **CAL000432415**
1/8-1/4 **OXNARD, CA 93033**
0.217 mi.
1146 ft. **Site 4 of 4 in cluster M**

Actual:
14 ft.

Focus Map:
1

RCRA Listings:

Date Form Received by Agency:	20171204
Handler Name:	Js Mobile Services Inc
Handler Address:	720 ARCTURUS AVE #36
Handler City,State,Zip:	OXNARD, CA 93033

JS MOBILE SERVICES INC (Continued) **1024863865**

EPA ID:	CAL000432415
Contact Name:	JOEL SCHRIEBER
Contact Address:	1120 JAMAICA LN
Contact City,State,Zip:	OXNARD, CA 93033
Contact Telephone:	805-758-7221
Contact Fax:	Not reported
Contact Email:	Not reported
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 651
Mailing City,State,Zip:	PORT HUENEME, CA 93044
Owner Name:	Js Mobile Services Inc
Owner Type:	Other
Operator Name:	Joel Schrieber
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20180907
Recognized Trader-Importer:	No

JS MOBILE SERVICES INC (Continued) **1024863865**

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: JOEL SCHRIEBER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1120 JAMAICA LN
Owner/Operator City,State,Zip:	OXNARD, CA 93033
Owner/Operator Telephone:	805-758-7221
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: JS MOBILE SERVICES INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	720 ARCTURUS AVE #36
Owner/Operator City,State,Zip:	OXNARD, CA 93033
Owner/Operator Telephone:	805-758-7221
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20171204
Handler Name: JS MOBILE SERVICES INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

JS MOBILE SERVICES INC (Continued) **1024863865**

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

86 North 1/8-1/4 0.220 mi. 1162 ft. | **SOUTHEAST ELEMENTARY**
EMERSON AVENUE/GERSHWIN PLACE
OXNARD, CA 93033 | **ENVIROSTOR SCH** | **S104549190 N/A**

Actual: 20 ft.

Focus Map: 3

ENVIROSTOR:

Name:	SOUTHEAST ELEMENTARY
Address:	EMERSON AVENUE/GERSHWIN PLACE
City,State,Zip:	OXNARD, CA 93033
Facility ID:	56010009
Status:	No Further Action
Status Date:	03/06/2001
Site Code:	304038
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	14
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	38
Senate:	21
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.1505
Longitude:	-119.1305
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	DDD Toxaphene DDE DDT
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	AKA: JUAN LAGUNAS SORIA
Alias Type:	Alternate Name
Alias Name:	JUAN LAGUNAS SORIA ELEMSCH OXNARD SD/VCA
Alias Type:	Alternate Name
Alias Name:	OXNARD ELEM. SD-SOUTHEAST ELEM. SCH.
Alias Type:	Alternate Name
Alias Name:	OXNARD SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	SOUTHEAST ELEMENTARY
Alias Type:	Alternate Name
Alias Name:	300817
Alias Type:	Project Code (Site Code)
Alias Name:	304038
Alias Type:	Project Code (Site Code)
Alias Name:	56010009
Alias Type:	Envirostor ID Number

SOUTHEAST ELEMENTARY (Continued) **S104549190**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	12/06/1999
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	03/19/2001
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	11/24/1999
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	03/06/2001
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	05/26/2000
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	SOUTHEAST ELEMENTARY
Address:	EMERSON AVENUE/GERSHWIN PLACE
City,State,Zip:	OXNARD, CA 93033
Facility ID:	56010009
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	14
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported

SOUTHEAST ELEMENTARY (Continued) **S104549190**

Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304038
Assembly:	38
Senate:	21
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	03/06/2001
Restricted Use:	NO
Funding:	School District
Latitude:	34.1505
Longitude:	-119.1305
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	DDD, DDD, Toxaphene, DDE, DDT
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	AKA: JUAN LAGUNAS SORIA
Alias Type:	Alternate Name
Alias Name:	JUAN LAGUNAS SORIA ELEMSCH OXNARD SD/VCA
Alias Type:	Alternate Name
Alias Name:	OXNARD ELEM. SD-SOUTHEAST ELEM. SCH.
Alias Type:	Alternate Name
Alias Name:	OXNARD SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	SOUTHEAST ELEMENTARY
Alias Type:	Alternate Name
Alias Name:	300817
Alias Type:	Project Code (Site Code)
Alias Name:	304038
Alias Type:	Project Code (Site Code)
Alias Name:	56010009
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	12/06/1999
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	03/19/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	11/24/1999
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	03/06/2001
Comments:	Not reported

SOUTHEAST ELEMENTARY (Continued) **S104549190**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 05/26/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

N87 WNW 1/8-1/4 0.222 mi. 1173 ft. **AQUEOS CORP.** **741 ARCTURUS AVE** **OXNARD, CA 93033** **Site 1 of 3 in cluster N** **CERS HAZ WASTE HAZNET CERS HWTS** **S113110048 N/A**

Actual: 13 ft.

Focus Map: 1

CERS HAZ WASTE:
Name: URS MIDWEST, DBA UNITED ROAD
Address: 741 ARCTURUS AVE.
City,State,Zip: OXNARD, CA 93033
Site ID: 161172
CERS ID: 10202017
CERS Description: Hazardous Waste Generator

HAZNET:
Name: AQUEOS CORP.
Address: 741 ARCTURUS AVE
Address 2: Not reported
City,State,Zip: OXNARD, CA 930339018
Contact: LORENZO MURILLO HSE MGR
Telephone: 8056764330
Mailing Name: Not reported
Mailing Address: 2550 EASTMAN AVE STE 8

Year: 2010
Gepaid: CAL000218583
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: 0.459

Year: 2010
Gepaid: CAL000218583
TSD EPA ID: CAT080013352
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.6435

Year: 2010
Gepaid: CAL000218583

AQUEOS CORP. (Continued) **S113110048**

TSD EPA ID: CAD008252405
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.015

Year: 2010
Gepaid: CAL000218583
TSD EPA ID: CAD097030993
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.57

Year: 2010
Gepaid: CAL000218583
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: 0.2502

Year: 2010
Gepaid: CAL000218583
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: 0.775

Year: 2009
Gepaid: CAL000218583
TSD EPA ID: CAD097030993
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.187

Year: 2009
Gepaid: CAL000218583
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: 0.2

Year: 2009
Gepaid: CAL000218583
TSD EPA ID: CAD097030993
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.836

Year: 2008
Gepaid: CAL000218583
TSD EPA ID: CAD097030993

AQUEOS CORP. (Continued) **S113110048**

CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.561

Click this hyperlink while viewing on your computer to access
24 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2010
Gen EPA ID:	CAL000218583
Shipment Date:	20101214
Creation Date:	2/19/2011 18:30:18
Receipt Date:	20101222
Manifest ID:	006441608JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1375
Waste Quantity:	275
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:	20101214
Creation Date:	2/19/2011 18:30:18
Receipt Date:	20101222
Manifest ID:	006441608JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P

AQUEOS CORP. (Continued) **S113110048**

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:	20101208
Creation Date:	2/19/2011 18:30:25
Receipt Date:	20101215
Manifest ID:	006441589JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.5775
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:	20101208
Creation Date:	6/20/2011 18:30:31
Receipt Date:	20101215
Manifest ID:	006441591JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
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:	20101208
Creation Date:	2/19/2011 18:30:25

AQUEOS CORP. (Continued) **S113110048**

Receipt Date:	20101215
Manifest ID:	006441589JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.066
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:	20101208
Creation Date:	2/8/2011 18:30:30
Receipt Date:	20101215
Manifest ID:	006441590JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
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:	20100910
Creation Date:	12/16/2010 18:30:26
Receipt Date:	20100915
Manifest ID:	006976816JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES CORP

AQUEOS CORP. (Continued) **S113110048**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
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:	20100910
Creation Date:	12/16/2010 18:30:26
Receipt Date:	20100915
Manifest ID:	006976816JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.19
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:	20100519
Creation Date:	8/6/2010 18:31:37
Receipt Date:	20100521
Manifest ID:	006976388JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	0.2502

AQUEOS CORP. (Continued) **S113110048**

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:	20100511
Creation Date:	8/6/2010 18:31:13
Receipt Date:	20100519
Manifest ID:	006976351JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAL000218583
Shipment Date:	20091030
Creation Date:	10/8/2010 18:31:11
Receipt Date:	20091104
Manifest ID:	005354994JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported

AQUEOS CORP. (Continued) **S113110048**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091030
Creation Date:	10/8/2010 18:31:11
Receipt Date:	20091104
Manifest ID:	005354994JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090518
Creation Date:	7/2/2009 18:30:26
Receipt Date:	20090520
Manifest ID:	005355443JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090518
Creation Date:	7/2/2009 18:30:26

AQUEOS CORP. (Continued) **S113110048**

Receipt Date:	20090520
Manifest ID:	005355443JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090518
Creation Date:	7/2/2009 18:30:26
Receipt Date:	20090520
Manifest ID:	005355443JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.187
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:	20090518
Creation Date:	7/2/2009 18:30:26
Receipt Date:	20090520
Manifest ID:	005355443JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993

AQUEOS CORP. (Continued) **S113110048**

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/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090119
Creation Date:	3/11/2009 18:30:09
Receipt Date:	20090128
Manifest ID:	005355142JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAL000218583
Shipment Date:	20080602
Creation Date:	8/8/2008 18:30:29
Receipt Date:	20080611
Manifest ID:	003611812JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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

AQUEOS CORP. (Continued) **S113110048**

Waste Code Description:	461 - Paint sludge
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.18765
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:	20080411
Creation Date:	6/9/2008 18:30:32
Receipt Date:	20080421
Manifest ID:	003611632JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.561
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080114
Creation Date:	6/9/2008 18:30:08
Receipt Date:	20080423
Manifest ID:	003611639JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported

AQUEOS CORP. (Continued) **S113110048**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080109
Creation Date:	3/11/2008 18:30:10
Receipt Date:	20080116
Manifest ID:	003368670JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080109
Creation Date:	3/11/2008 18:30:10
Receipt Date:	20080116
Manifest ID:	003368670JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.561
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007

AQUEOS CORP. (Continued) **S113110048**

Gen EPA ID:	CAL000218583
Shipment Date:	20071102
Creation Date:	1/25/2008 18:30:20
Receipt Date:	20071107
Manifest ID:	003366935JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070626
Creation Date:	11/3/2007 18:30:14
Receipt Date:	20070705
Manifest ID:	001729991JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0625
Waste Quantity:	125
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:	20070626
Creation Date:	11/3/2007 18:30:58
Receipt Date:	20070705
Manifest ID:	001729992JJK
Trans EPA ID:	CAD983609678

AQUEOS CORP. (Continued) **S113110048**

Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.108
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:	20070320
Creation Date:	9/20/2007 18:30:30
Receipt Date:	20070328
Manifest ID:	001729524JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070202
Creation Date:	8/9/2007 18:30:32
Receipt Date:	20070208
Manifest ID:	001728304JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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

AQUEOS CORP. (Continued) **S113110048**

RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAL000218583
Shipment Date:	20060929
Creation Date:	3/30/2007 13:33:47
Receipt Date:	20061005
Manifest ID:	000326696JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGY 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/Reovery (H010-H129) Or (H131-H135)
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:	20060921
Creation Date:	3/30/2007 13:31:40
Receipt Date:	20060928
Manifest ID:	000326640JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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/Reovery (H010-H129) Or (H131-H135)

AQUEOS CORP. (Continued) **S113110048**

Quantity Tons:	0.075
Waste Quantity:	150
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:	20060721
Creation Date:	9/28/2006 18:32:35
Receipt Date:	20060727
Manifest ID:	25136990
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES INC
TSDF Alt EPA ID:	CAD097030993
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2
Waste Quantity:	400
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:	20060721
Creation Date:	9/28/2006 18:32:35
Receipt Date:	20060727
Manifest ID:	25136990
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES INC
TSDF Alt EPA ID:	CAD097030993
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
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

AQUEOS CORP. (Continued) **S113110048**

Shipment Date:	20060503
Creation Date:	12/20/2006 18:30:44
Receipt Date:	20060511
Manifest ID:	25137412
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES INC
TSDF Alt EPA ID:	CAD097030993
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
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:	20060307
Creation Date:	7/27/2006 18:37:42
Receipt Date:	20060316
Manifest ID:	24781549
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES INC
TSDF Alt EPA ID:	CAD097030993
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.15
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

Shipment Date:	20060124
Creation Date:	5/6/2006 18:30:32
Receipt Date:	20060126
Manifest ID:	24781360
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352

AQUEOS CORP. (Continued) **S113110048**

Trans Name:	DEMENNO-KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.18
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:	2005
Gen EPA ID:	CAL000218583
Shipment Date:	20051227
Creation Date:	6/22/2006 18:32:03
Receipt Date:	20060105
Manifest ID:	24781208
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.01
Waste Quantity:	20
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:	20051227
Creation Date:	3/14/2007 18:30:33
Receipt Date:	20060105
Manifest ID:	24180658
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001

AQUEOS CORP. (Continued) **S113110048**

Meth Code:	R01 - Recycler
Quantity Tons:	0.072
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:	20051212
Creation Date:	3/22/2006 18:32:18
Receipt Date:	20051222
Manifest ID:	24775487
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	0.15
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

Shipment Date:	20051212
Creation Date:	3/22/2006 18:31:37
Receipt Date:	20051218
Manifest ID:	24775491
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO-KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.952
Waste Quantity:	280
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

AQUEOS CORP. (Continued) **S113110048**

Shipment Date:	20051121
Creation Date:	3/16/2006 18:30:37
Receipt Date:	20051201
Manifest ID:	24775394
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	6.255
Waste Quantity:	1500
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:	20051019
Creation Date:	1/2/2007 18:30:08
Receipt Date:	20051027
Manifest ID:	24180663
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO-KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.34
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:	20051019
Creation Date:	7/12/2006 18:31:35
Receipt Date:	20051027
Manifest ID:	24775248
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681

AQUEOS CORP. (Continued) **S113110048**

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:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051004
Creation Date:	12/22/2006 18:30:28
Receipt Date:	20051013
Manifest ID:	22151183
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	0.1
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:	20050927
Creation Date:	3/12/2006 18:31:42
Receipt Date:	20051006
Manifest ID:	22151163
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO-KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	461 - Paint sludge
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G

AQUEOS CORP. (Continued) **S113110048**

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:	20050817
Creation Date:	12/16/2005 18:31:03
Receipt Date:	20050825
Manifest ID:	24180665
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO-KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	461 - Paint sludge
RCRA Code:	D001
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

Additional Info:

Year:	2004
Gen EPA ID:	CAL000218583

Shipment Date:	20041213
Creation Date:	3/17/2005 18:34:39
Receipt Date:	20041223
Manifest ID:	24096796
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	223 - Unspecified oil-containing waste
RCRA Code:	NONE
Meth Code:	R01 - Recycler
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

AQUEOS CORP. (Continued) **S113110048**

Shipment Date:	20041015
Creation Date:	1/14/2005 10:18:48
Receipt Date:	20041021
Manifest ID:	24091071
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	R01 - Recycler
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

Shipment Date:	20040205
Creation Date:	9/10/2004 9:51:11
Receipt Date:	20040212
Manifest ID:	23543673
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
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:	2003
Gen EPA ID:	CAL000218583

Shipment Date:	20030501
Creation Date:	6/22/2004 9:47:57
Receipt Date:	20030509
Manifest ID:	22487067
Trans EPA ID:	CAD983609678

AQUEOS CORP. (Continued) **S113110048**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.125
Waste Quantity:	250
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:	20030430
Creation Date:	9/2/2003 18:30:58
Receipt Date:	20030501
Manifest ID:	22487060
Trans EPA ID:	CAD983609678
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:	1.7514
Waste Quantity:	420
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:	CAL000218583
Shipment Date:	20021028
Creation Date:	2/25/2003 18:31:38
Receipt Date:	20021029
Manifest ID:	22163971
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported

AQUEOS CORP. (Continued) **S113110048**

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:	R01 - Recycler
Quantity Tons:	7.52685
Waste Quantity:	1805
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:	20020501
Creation Date:	7/19/2002 15:54:46
Receipt Date:	20020510
Manifest ID:	21806002
Trans EPA ID:	CAD983609678
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:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.187
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:	20020402
Creation Date:	7/9/2002 18:31:13
Receipt Date:	20020405
Manifest ID:	21878027
Trans EPA ID:	CAD983609678
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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported

AQUEOS CORP. (Continued) **S113110048**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020329
Creation Date:	7/9/2002 18:31:13
Receipt Date:	20020401
Manifest ID:	21878003
Trans EPA ID:	CAD983609678
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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.64635
Waste Quantity:	155
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:	20020219
Creation Date:	7/25/2002 18:31:24
Receipt Date:	20020222
Manifest ID:	21624341
Trans EPA ID:	CAD983609678
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:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.289
Waste Quantity:	85
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:	20020219
Creation Date:	7/25/2002 18:31:24
Receipt Date:	20020222
Manifest ID:	21624341

AQUEOS CORP. (Continued) **S113110048**

Trans EPA ID:	CAD983609678
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:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.289
Waste Quantity:	85
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:	20020109
Creation Date:	3/7/2002 0:00:00
Receipt Date:	20020111
Manifest ID:	21775328
Trans EPA ID:	CAD983609678
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:	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

Additional Info:

Year:	2000
Gen EPA ID:	CAL000218583

Shipment Date:	20001009
Creation Date:	12/8/2000 0:00:00
Receipt Date:	Not reported
Manifest ID:	20476636
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681

AQUEOS CORP. (Continued) **S113110048**

Trans Name:	Not reported
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:	- Not reported
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

CERS:

Name:	URS MIDWEST, DBA UNITED ROAD
Address:	741 ARCTURUS AVE.
City,State,Zip:	OXNARD, CA 93033
Site ID:	161172
CERS ID:	10202017
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	161172
Site Name:	URS Midwest, dba United Road
Violation Date:	06-02-2020
Citation:	22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 06/29/2020.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS,

Site ID:	161172
Site Name:	URS Midwest, dba United Road
Violation Date:	06-29-2022
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 07/08/2022.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS,

AQUEOS CORP. (Continued) **S113110048**

Site ID: 161172
Site Name: URS Midwest, dba United Road
Violation Date: 06-29-2022
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 07/19/2022.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 161172
Site Name: URS Midwest, dba United Road
Violation Date: 06-29-2022
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to label stationary hazardous waste tanks as "hazardous waste" and mark with an accumulation start date.
Violation Notes: Returned to compliance on 07/19/2022.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 161172
Site Name: URS Midwest, dba United Road
Violation Date: 06-02-2020
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 06/29/2020.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 161172
Site Name: URS Midwest, dba United Road
Violation Date: 05-18-2018
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 08/08/2018.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 161172
Site Name: URS Midwest, dba United Road

AQUEOS CORP. (Continued) **S113110048**

Violation Date: 06-02-2020
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 06/29/2020.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-02-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-02-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-18-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-29-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-29-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW

AQUEOS CORP. (Continued) **S113110048**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-18-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: Oxnard Fire Department
Entity Title: Not reported
Affiliation Address: 360 West Second Street
Affiliation City: Oxnard
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93030
Affiliation Phone: (805) 385-7722,

Affiliation Type Desc: Document Preparer
Entity Name: Daryl Beardsley, BES Consultant
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: John Moraga
Entity Title: Western Regional Maintenance 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: Operator
Entity Name: URS Midwest, dba United Road
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: (805) 488-8700,

Affiliation Type Desc: Parent Corporation
Entity Name: United Road
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

AQUEOS CORP. (Continued) **S113110048**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Property Owner
Entity Name:	Rich Gulbranson
Entity Title:	Not reported
Affiliation Address:	114 Encino Ave.
Affiliation City:	Camarillo
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93010
Affiliation Phone:	(805) 488-8700,

Affiliation Type Desc:	Legal Owner
Entity Name:	United Road Services, Inc.
Entity Title:	Not reported
Affiliation Address:	10701 Middlebelt Rd.
Affiliation City:	Romulus
Affiliation State:	MI
Affiliation Country:	United States
Affiliation Zip:	48174
Affiliation Phone:	(734) 947-7900,

Affiliation Type Desc:	Environmental Contact
Entity Name:	John Moraga
Entity Title:	Not reported
Affiliation Address:	741 E. Arcturus Ave.
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93033
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	741 E. Arcturus Ave.
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93033
Affiliation Phone:	,

HWTS:

Name:	AQUEOS CORP.
Address:	741 ARCTURUS AVE
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
EPA ID:	CAL000218583
Inactive Date:	06/30/2011
Create Date:	08/22/2000
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	2550 EASTMAN AVE STE 8

AQUEOS CORP. (Continued) **S113110048**

Mailing Address 2:	Not reported
Mailing City,State,Zip:	VENTURA, CA 930030000
Owner Name:	AQUEOS CORPORATION
Owner Address:	741 ARCTURUS AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	OXNARD, CA 930339018
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	LORENZO MURILLO HSE MGR
Contact Address:	2550 EASTMAN AVE STE 8
Contact Address 2:	Not reported
City,State,Zip:	VENTURA, CA 930030000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	34.14922
Longitude:	-119.17109

NAICS:

EPA ID:	CAL000218583
Create Date:	2006-11-27 18:30:15.000
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date:	2000-08-22 00:00:00
Inactive Date:	2011-06-30 00:00:00
Facility Name:	AQUEOS CORP.
Facility Address:	741 ARCTURUS AVE
Facility Address 2:	Not reported
Facility City:	OXNARD
Facility County:	Not reported
Facility State:	CA
Facility Zip:	930339018

N88 **AQUEOS CORP.** **DRYCLEANERS** **S103949887**
WNW **741 ARCTURUS AVE** **N/A**
1/8-1/4 **OXNARD, CA 93033**
0.222 mi.
1173 ft. **Site 2 of 3 in cluster N**

Actual:
13 ft.

Focus Map:
1

DRYCLEANERS:

Name:	AQUEOS CORP.
Address:	741 ARCTURUS AVE
City,State,Zip:	OXNARD, CA 930339018
EPA Id:	CAL000218583
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	08/22/2000
Facility Active:	No
Inactive Date:	06/30/2011
Facility Addr2:	Not reported
Owner Name:	AQUEOS CORPORATION
Owner Address:	741 ARCTURUS AVE
Owner Address 2:	Not reported

AQUEOS CORP. (Continued) **S103949887**

Owner Telephone:	8054886428
Contact Name:	LORENZO MURILLO HSE MGR
Contact Address:	2550 EASTMAN AVE STE 8
Contact Address 2:	Not reported
Contact Telephone:	8056764330
Contact Fax:	8056764335
Mailing Name:	DIVECON SERVICES LP
Mailing Address 1:	2550 EASTMAN AVE STE 8
Mailing Address 2:	Not reported
Mailing City:	VENTURA
Mailing State:	CA
Mailing Zip:	930030000
Owner Fax:	0
Region Code:	3
Latitude:	34.14922
Longitude:	-119.17109

N89 **URS MIDWEST, DBA UNITED ROAD** **RCRA NonGen / NLR** **1024843961**
WNW **741 ARCTURUS AVE** **CAL000395924**
1/8-1/4 **OXNARD, CA 93033**
0.222 mi.
1173 ft. **Site 3 of 3 in cluster N**

Actual:
13 ft.

Focus Map:
1

RCRA Listings:

Date Form Received by Agency:	20140416
Handler Name:	Urs Midwest, Dba United Road
Handler Address:	741 ARCTURUS AVE
Handler City,State,Zip:	OXNARD, CA 93033-9018
EPA ID:	CAL000395924
Contact Name:	JOHN MORAGA
Contact Address:	741 ARCTURUS AVE
Contact City,State,Zip:	OXNARD, CA 93033
Contact Telephone:	805-488-8700
Contact Fax:	805-986-9736
Contact Email:	JMORAGA@UNITEDROAD.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:	10701 MIDDLEBELT RD
Mailing City,State,Zip:	ROMULUS, MI 48174
Owner Name:	Urs Midwest
Owner Type:	Other
Operator Name:	John Moraga
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

URS MIDWEST, DBA UNITED ROAD (Continued) **1024843961**

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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: JOHN MORAGA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	741 ARCTURUS AVE
Owner/Operator City,State,Zip:	OXNARD, CA 93033
Owner/Operator Telephone:	805-488-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: URS MIDWEST	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10701 MIDDLEBELT RD
Owner/Operator City,State,Zip:	ROMULUS, MI 48174-0000
Owner/Operator Telephone:	734-947-7900
Owner/Operator Telephone Ext:	Not reported

URS MIDWEST, DBA UNITED ROAD (Continued) **1024843961**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20140416
Handler Name: URS MIDWEST, DBA UNITED ROAD
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 48849
NAICS Description: OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

90 West 1/4-1/2 0.285 mi. 1504 ft. | **BMW**
5056 ARCTURUS AVE S
OXNARD, CA 93033 | **LUST Cortese CERS** | **S104773331 N/A**

Actual: 13 ft.
Focus Map: 4

LUST REG 4:
Region: 4
Regional Board: 04
County: Ventura
Facility Id: C-00009
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: 00009
Case Type: Soil
Abatement Method Used at the Site: Excavate and Treat
Global ID: T0611193021
W Global ID: Not reported
Staff: UNK
Local Agency: 56000L
Cross Street: HUENEME RD
Enforcement Type: CLOS
Date Leak Discovered: 4/13/2000
Date Leak First Reported: 4/18/2000
Date Leak Record Entered: Not reported
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported

BMW (Continued) **S104773331**

Date Case Last Changed on Database:	Not reported
Date the Case was Closed:	7/13/2000
How Leak Discovered:	Repair Tank
How Leak Stopped:	Not reported
Cause of Leak:	Overfill
Leak Source:	Tank
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	3680.7733211602249980617673218
Source of Cleanup Funding:	Tank
Preliminary Site Assessment Workplan Submitted:	4/18/2000
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	BMW
RP Address:	5650 S. ARCTUTUS AVE., OXNARD, CA 93030
Program:	LUST
Lat/Long:	34.142362 / -1
Local Agency Staff:	DCS
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

VENTURA CO. LUST:

Name:	BMW
Address:	5056 ARCTURUS AVE S
City:	OXNARD
Region:	VENTURA
Facility ID:	00009
Status:	Case Closed

LUST:

Name:	BMW
Address:	5056 ARCTURUS AVE S
City,State,Zip:	OXNARD, CA 93033
Lead Agency:	VENTURA COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611193021
Global Id:	T0611193021
Latitude:	34.1473175
Longitude:	-119.1722151

BMW (Continued) **S104773331**

Status:	Completed - Case Closed
Status Date:	07/13/2000
Case Worker:	Not reported
RB Case Number:	C00009
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	00009
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	04/13/2000
Leak Reported Date:	04/18/2000
How Discovered:	* TR
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Overfill
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	07/13/2000
CA Water Watershed Name:	Oxnard (410.00)
Dwr Groundwater Subbasin Name:	Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	91-95%
CA Enviroscreen 4 Score:	85-90%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	LOS ANGELES RWQCB (REGION 4)
Site History:	Not reported

LUST:

Global Id:	T0611193021
Contact Type:	Regional Board Caseworker
Contact Name:	DANIEL PIROTTON
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	dpirotton@waterboards.ca.gov
Phone Number:	2135766714

LUST:

Global Id:	T0611193021
Action Type:	ENFORCEMENT
Date:	06/27/2000
Action:	Closure/No Further Action Letter
Global Id:	T0611193021
Action Type:	ENFORCEMENT
Date:	01/01/2011
Action:	File Review - Closure
Global Id:	T0611193021
Action Type:	Other
Date:	04/18/2000
Action:	Leak Reported

BMW (Continued) **S104773331**

Global Id: T0611193021
Action Type: Other
Date: 04/13/2000
Action: Leak Discovery

LUST:
Global Id: T0611193021
Status: Open - Case Begin Date
Status Date: 04/13/2000

Global Id: T0611193021
Status: Open - Site Assessment
Status Date: 04/18/2000

Global Id: T0611193021
Status: Completed - Case Closed
Status Date: 07/13/2000

CORTESE:
Name: BMW
Address: 5056 ARCTURUS AVE S
City,State,Zip: OXNARD, CA 93033
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0611193021
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: BMW
Address: 5056 ARCTURUS AVE S
City,State,Zip: OXNARD, CA 93033
Site ID: 638689
CERS ID: T0611193021
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)

BMW (Continued) **S104773331**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766714,

O91 WSW 1/4-1/2 0.302 mi. 1597 ft. **BMW ENGINEERING WEST FACILITY** **CPS-SLIC** **1006101356**
5650 ARCTURUS **CERS HAZ WASTE** **N/A**
OXNARD, CA 93033 **EMI**
ENF
Site 1 of 2 in cluster O **CERS**

Actual: 13 ft.

Focus Map: 4

SLIC REG 4:

Region:	4
Facility Status:	Site Assessment
SLIC:	1063
Substance:	Not reported
Staff:	PR

CERS HAZ WASTE:

Name:	BMW OF NORTH AMERICA, LLC
Address:	5650 ARCTURUS AVE.
City,State,Zip:	OXNARD, CA 93033
Site ID:	99305
CERS ID:	10201186
CERS Description:	Hazardous Waste Generator

EMI:

Name:	BMW - VEHICLE PREPARATION CENTER
Address:	5650 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	2017
County Code:	56
Air Basin:	SCC
Facility ID:	488
Air District Name:	VEN
SIC Code:	5012
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.46837188
Reactive Organic Gases Tons/Yr:	0.42929823
Carbon Monoxide Emissions Tons/Yr:	0.4688838
NOX - Oxides of Nitrogen Tons/Yr:	0.558195
SOX - Oxides of Sulphur Tons/Yr:	0.0033491701
Particulate Matter Tons/Yr:	0.04242282
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.04242282

Name:	BMW - VEHICLE PREPARATION CENTER
Address:	5650 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	2018
County Code:	56
Air Basin:	SCC

BMW ENGINEERING WEST FACILITY (Continued) **1006101356**

Facility ID:	488
Air District Name:	VEN
SIC Code:	5012
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.46837188
Reactive Organic Gases Tons/Yr:	0.42929823
Carbon Monoxide Emissions Tons/Yr:	0.4688838
NOX - Oxides of Nitrogen Tons/Yr:	0.558195
SOX - Oxides of Sulphur Tons/Yr:	0.0033491701
Particulate Matter Tons/Yr:	0.04242282
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.04242282

Name:	BMW - VEHICLE PREPARATION CENTER
Address:	5650 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	2019
County Code:	56
Air Basin:	SCC
Facility ID:	488
Air District Name:	VEN
SIC Code:	5012
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.46837188
Reactive Organic Gases Tons/Yr:	0.42929823
Carbon Monoxide Emissions Tons/Yr:	0.4688838
NOX - Oxides of Nitrogen Tons/Yr:	0.558195
SOX - Oxides of Sulphur Tons/Yr:	0.0033491701
Particulate Matter Tons/Yr:	0.04242282
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.04242282

Name:	BMW - VEHICLE PREPARATION CENTER
Address:	5650 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	2020
County Code:	56
Air Basin:	SCC
Facility ID:	488
Air District Name:	VEN
SIC Code:	5012
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.46837188
Reactive Organic Gases Tons/Yr:	0.42929823
Carbon Monoxide Emissions Tons/Yr:	0.4688838
NOX - Oxides of Nitrogen Tons/Yr:	0.558195
SOX - Oxides of Sulphur Tons/Yr:	0.0033491701
Particulate Matter Tons/Yr:	0.04242282
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.04242282

ENF:

Name:	BMW OF NORTH AMERICA
Address:	5650 ARCTURUS AVENUE

BMW ENGINEERING WEST FACILITY (Continued) **1006101356**

City,State,Zip:	OXNARD, CA 93033
Region:	4
Facility Id:	209860
Agency Name:	BMW of North America, LLC
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.146451
Place Longitude:	-119.172274
SIC Code 1:	5599
SIC Desc 1:	Automotive Dealers, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	AGT
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	4CUPA000144
Reg Measure Id:	166991
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported

BMW ENGINEERING WEST FACILITY (Continued) **1006101356**

WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	238004
Region:	4
Order / Resolution Number:	SEL
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	08/08/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	08/08/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4CUPA000144
Description:	Notice of Noncompliance sent 8/8/00 for failure to pay AGT fee.
Program:	AGT
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

CERS:

Name:	BMW OF NORTH AMERICA, LLC
Address:	5650 ARCTURUS AVE.
City,State,Zip:	OXNARD, CA 93033
Site ID:	99305
CERS ID:	10201186
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	99305
Site Name:	BMW of North America, LLC
Violation Date:	07-02-2013
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes:	Returned to compliance on 07/09/2013. Waste paint manifest #003426738SKS dated 10/10/12 with TSDF signature is not available. Look through records, contact hauler, and/or contact TSDF for missing manifest.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS,
Site ID:	99305

BMW ENGINEERING WEST FACILITY (Continued) **1006101356**

Site Name:	BMW of North America, LLC
Violation Date:	07-02-2013
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to comply with all of the following requirements: 1. Failure to conduct inspections and tests in accordance with written procedures that you or a certifying engineer have developed for the facility. 2. Failure to sign written procedures and/or a record of inspections and/or customary business records by the appropriate supervisor or inspector. 3. Failure to keep written procedures and/or a record of inspections and/or customary business records with the plan. AND 4. Failure to maintain written procedures and/or a record of inspections and/or customary business records for three years.
Violation Notes:	Returned to compliance on 09/04/2013. Per SPCC Plan, facility is to use SP001 monthtly inspection form and an internal weekly inspection form is used instead. Use SP001 monthly inspection form as noted in SPCC Plan.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	99305
Site Name:	BMW of North America, LLC
Violation Date:	06-28-2022
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 07/22/2022.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	99305
Site Name:	BMW of North America, LLC
Violation Date:	07-02-2013
Citation:	HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description:	APSA Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 08/27/2013. SPCC Plan inventory is not accurate. Used oil tank has been removed. Amend plan & document.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	99305
Site Name:	BMW of North America, LLC
Violation Date:	06-28-2022
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste",

BMW ENGINEERING WEST FACILITY (Continued) **1006101356**

	name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/28/2022.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS,
Site ID:	99305
Site Name:	BMW of North America, LLC
Violation Date:	05-03-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/06/2018. no label on waste gun-cleaning solution (5 gal.).
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS,
Site ID:	99305
Site Name:	BMW of North America, LLC
Violation Date:	05-03-2018
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 05/15/2018. Employee training for spill procedures is overdue (last conducted February 2017). Training is scheduled for May 15, 2018.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	99305
Site Name:	BMW of North America, LLC
Violation Date:	07-02-2013
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 07/02/2013. Update inventory. Update CERS.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-28-2022
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported

BMW ENGINEERING WEST FACILITY (Continued) **1006101356**

Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-28-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-02-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-02-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-03-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-28-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-02-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS,

BMW ENGINEERING WEST FACILITY (Continued) **1006101356**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-03-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-28-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Christopher Walker
Entity Title: Western Region Facilities 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: CUPA District
Entity Name: Oxnard Fire Department
Entity Title: Not reported
Affiliation Address: 360 West Second Street
Affiliation City: Oxnard
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93030
Affiliation Phone: (805) 385-7722,

Affiliation Type Desc: Legal Owner
Entity Name: BMW of North America, LLC
Entity Title: Not reported
Affiliation Address: 300 Chestnut Ridge Road
Affiliation City: Woodcliff Lake
Affiliation State: NJ
Affiliation Country: United States
Affiliation Zip: 07675
Affiliation Phone: (201) 307-4000,

Affiliation Type Desc: Operator
Entity Name: BMW of North America, LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

BMW ENGINEERING WEST FACILITY (Continued) **1006101356**

Affiliation Phone:	(805) 271-2423,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Michael Rogers
Entity Title:	Not reported
Affiliation Address:	5650 Arcturus Avenue
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93033
Affiliation Phone:	,

Affiliation Type Desc:	Document Preparer
Entity Name:	Scott Fitzpatrick
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:	5650 Arcturus Avenue
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93033
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	BMW Manufacturing Co. LLC
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:	BMW of North America, LLC
Entity Title:	Not reported
Affiliation Address:	300 Chestnut Ridge Road
Affiliation City:	Woodcliff Lake
Affiliation State:	NJ
Affiliation Country:	United States
Affiliation Zip:	07675
Affiliation Phone:	(201) 307-4000,

O92 WSW 1/4-1/2 0.302 mi. 1597 ft. | **BMW OF NORTH AMERICA VPC**
5650 ARCTURAS AVE
OXNARD, CA 93033
Site 2 of 2 in cluster O | **LUST, CPS-SLIC, CERS** | **S108935272, N/A**

Actual: 13 ft.
Focus Map: 4

VENTURA CO. LUST:

Name:	BMW OF NORTH AMERICA VPC
Address:	5650 ARCTURAS AVE
City:	OXNARD
Region:	VENTURA
Facility ID:	SR035
Status:	Case Closed

CPS-SLIC:

Name:	BMW OF NORTH AMERICA VPC
Address:	5650 ARCTURAS AVE
City,State,Zip:	OXNARD, CA 93033
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/03/2008
Global Id:	T0611192290
Lead Agency:	VENTURA COUNTY
Lead Agency Case Number:	SR0003519
Latitude:	34.145642
Longitude:	-119.1708
Case Type:	Cleanup Program Site
Case Worker:	EKO
Local Agency:	VENTURA COUNTY
RB Case Number:	Not reported
File Location:	Local Agency Warehouse
Potential Media Affected:	Under Investigation
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	09/20/2007
Leak Reported Date:	09/20/2007
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	03/03/2008
CA Water Watershed Name:	Oxnard (410.00)
Dwr Groundwater Subbasin Name:	Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	91-95%
CA Enviroscreen 4 Score:	85-90%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	LOS ANGELES RWQCB (REGION 4)
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

BMW OF NORTH AMERICA VPC (Continued) **S108935272**

CERS:

Name:	BMW OF NORTH AMERICA VPC
Address:	5650 ARCTURAS AVE
City,State,Zip:	OXNARD, CA 93033
Site ID:	638693
CERS ID:	T0611192290
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	ERIN K. O'CONNELL - VENTURA COUNTY
Entity Title:	Not reported
Affiliation Address:	800 S. VICTORIA AVE
Affiliation City:	VENTURA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766714,

P93 **CALPINE CONTAINERS** **LUST** **S102426155**
WSW **5655 ARCTURUS AVE** **Cortese** **N/A**
1/4-1/2 **OXNARD, CA 93030** **WDS**
0.311 mi. **CERS**
1643 ft. **Site 1 of 2 in cluster P**

Actual:
13 ft.

Focus Map:
4

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	C-89081	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	89081	
Case Type:	Soil	
Abatement Method Used at the Site:		Excavate and Treat
Global ID:	T0611100490	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	Not reported	
Enforcement Type:	EF	
Date Leak Discovered:	6/16/1989	
Date Leak First Reported:		6/16/1989
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	6/16/1989	
Date Leak Stopped:	Not reported	

CALPINE CONTAINERS (Continued) **S102426155**

Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		6/15/1992
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		3493.64609676227193510472424 33
Source of Cleanup Funding:		F
Preliminary Site Assessment Workplan Submitted:		7/24/1989
Preliminary Site Assessment Began:		8/10/1989
Pollution Characterization Began:		8/10/1989
Remediation Plan Submitted:		8/21/1989
Remedial Action Underway:		7/15/1991
Post Remedial Action Monitoring Began:		6/15/1992
Enforcement Action Date:		7/3/1989
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	CALPINE CONTAINERS	
RP Address:	Not reported	
Program:	LUST	
Lat/Long:	34.1472833 / -1	
Local Agency Staff:	EHD	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

VENTURA CO. LUST:

Name:	CALPINE CONTAINERS
Address:	5655 ARCTURUS AVE
City:	OXNARD
Region:	VENTURA
Facility ID:	89081
Status:	Case Closed

CORTESE:

Name:	CALPINE CONTAINERS
Address:	5655 ARCTURUS AVE
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611100490
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported

CALPINE CONTAINERS (Continued) **S102426155**

Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

WDS:

Name:	OXNARD VEGETABLE EXCHANGE
Address:	5655 Arcturus Ave
City:	OXNARD
Facility ID:	4 56I016435
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	8054881068
Facility Contact:	Gordon Wells
Agency Name:	OXNARD VEGETABLE EXCHANGE
Agency Address:	Not reported
Agency City,St,Zip:	0
Agency Contact:	Not reported
Agency Telephone:	Not reported
Agency Type:	Private
SIC Code:	4225
SIC Code 2:	Not reported
Primary Waste Type:	Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Primary Waste:	STORMS
Waste Type2:	Not reported
Waste2:	Stormwater Runoff
Primary Waste Type:	Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared

CALPINE CONTAINERS (Continued) **S102426155**

to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CERS:

Name:	CALPINE CONTAINERS
Address:	5655 ARCTURUS AVE
City,State,Zip:	OXNARD, CA 93030
Site ID:	640719
CERS ID:	T0611100490
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766714,

P94 **CALPINE CONTAINERS** **LUST** **S103952828**
WSW **5655 ARCTURUS** **CERS HAZ WASTE** **N/A**
1/4-1/2 **OXNARD, CA 93033** **HIST CORTESE**
0.311 mi. **HAZNET**
1643 ft. **Site 2 of 2 in cluster P** **CERS**
HWTS

Actual:
13 ft.

Focus Map:
4

LUST:

Name:	CALPINE CONTAINERS
Address:	5655 ARCTURUS AVE
City,State,Zip:	OXNARD, CA 93030
Lead Agency:	VENTURA COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611100490
Global Id:	T0611100490
Latitude:	34.145893
Longitude:	-119.173811
Status:	Completed - Case Closed
Status Date:	06/15/1992
Case Worker:	Not reported
RB Case Number:	C-89081
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	89081
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
EPA Region:	9

CALPINE CONTAINERS (Continued) **S103952828**

Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	06/16/1989
Leak Reported Date:	06/16/1989
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	06/15/1992
CA Water Watershed Name:	Oxnard (410.00)
Dwr Groundwater Subbasin Name:	Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	91-95%
CA Enviroscreen 4 Score:	85-90%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	LOS ANGELES RWQCB (REGION 4)
Site History:	Not reported

LUST:

Global Id:	T0611100490
Contact Type:	Regional Board Caseworker
Contact Name:	DANIEL PIROTTON
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	dpirotton@waterboards.ca.gov
Phone Number:	2135766714

LUST:

Global Id:	T0611100490
Action Type:	ENFORCEMENT
Date:	07/03/1989
Action:	* Historical Enforcement
Global Id:	T0611100490
Action Type:	Other
Date:	06/16/1989
Action:	Leak Reported
Global Id:	T0611100490
Action Type:	Other
Date:	06/16/1989
Action:	Leak Discovery

LUST:

Global Id:	T0611100490
Status:	Open - Case Begin Date
Status Date:	06/16/1989
Global Id:	T0611100490
Status:	Open - Site Assessment
Status Date:	06/16/1989

CALPINE CONTAINERS (Continued) **S103952828**

Global Id: T0611100490
Status: Open - Site Assessment
Status Date: 07/24/1989

Global Id: T0611100490
Status: Open - Site Assessment
Status Date: 08/10/1989

Global Id: T0611100490
Status: Open - Remediation
Status Date: 08/21/1989

Global Id: T0611100490
Status: Open - Remediation
Status Date: 07/15/1991

Global Id: T0611100490
Status: Completed - Case Closed
Status Date: 06/15/1992

CERS HAZ WASTE:
Name: CHANNEL ISLANDS WAREHOUSE
Address: 5655 ARCTURUS AVE
City,State,Zip: OXNARD, CA 93033
Site ID: 428761
CERS ID: 10748911
CERS Description: Hazardous Waste Generator

HIST CORTESE:
edr_fname: CALPINE CONTAINERS
edr_fadd1: 5655 ARCTURUS
City,State,Zip: OXNARD, CA 93033
Region: CORTESE
Facility County Code: 56
Reg By: LTNKA
Reg Id: C-89081

HAZNET:
Name: CHANNEL ISLANDS LOGISTICS
Address: 5655 ARCTURUS AVE
Address 2: Not reported
City,State,Zip: OXNARD, CA 93033
Contact: KERRY TISSLER
Telephone: 8058303605
Mailing Name: Not reported
Mailing Address: PO BOX 6229

Year: 2021
Gepaid: CAL000391353
TSD EPA ID: CAL000330453
CA Waste Code: 352 - Other organic solids
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.9

Year: 2021

CALPINE CONTAINERS (Continued) **S103952828**

Gepaid: CAL000391353
TSD EPA ID: CAL000330453
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: 0.3875

Year: 2020
Gepaid: CAL000391353
TSD EPA ID: AZD081705402
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.254

Year: 2020
Gepaid: CAL000391353
TSD EPA ID: CAL000330453
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: 0.3

Year: 2019
Gepaid: CAL000391353
TSD EPA ID: CAL000330453
CA Waste Code: 352 - Other organic solids
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.17500

Year: 2019
Gepaid: CAL000391353
TSD EPA ID: CAL000330453
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: 0.42500

Year: 2018
Gepaid: CAL000391353
TSD EPA ID: CAL000330453
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: 0.50000

Year: 2018
Gepaid: CAL000391353
TSD EPA ID: CAL000330453
CA Waste Code: 352 - Other organic solids
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.42500

Year: 2017
Gepaid: CAL000391353
TSD EPA ID: CAL000330453
CA Waste Code: 352 - Other organic solids

CALPINE CONTAINERS (Continued) **S103952828**

Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.1

Additional Info:
Year: 2021
Gen EPA ID: CAL000391353

Shipment Date: 8/4/2020
Creation Date: 8/31/2020
Receipt Date: 8/21/2020
Manifest ID: 021908755JJK
Trans EPA ID: CAL000330453
Trans Name: AGRITEC INT DBA CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID: IND058484114
Trans 2 Name: HERITAGE TRANSPORT LLC
TSDF EPA ID: AZD081705402
Trans Name: HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001,D018
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.528
Waste Quantity: 160
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: 7/28/2020
Creation Date: 8/27/2020
Receipt Date: 8/17/2020
Manifest ID: 021908747JJK
Trans EPA ID: CAL000330453
Trans Name: AGRITEC INT DBA CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID: IND058484114
Trans 2 Name: HERITAGE TRANSPORT LLC
TSDF EPA ID: AZD081705402
Trans Name: HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001,D018
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.1815
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

CALPINE CONTAINERS (Continued) **S103952828**

Shipment Date:	2/28/2020
Creation Date:	3/9/2020
Receipt Date:	2/28/2020
Manifest ID:	030010531WAS
Trans EPA ID:	CAL000330453
Trans Name:	AGRITEC INT DBA CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000330453
Trans Name:	AGRITEC INT DBA CLEANTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3
Waste Quantity:	600
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:	1/14/2020
Creation Date:	2/25/2020
Receipt Date:	2/6/2020
Manifest ID:	021037899JJK
Trans EPA ID:	CAL000330453
Trans Name:	AGRITEC INT DBA CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID:	IND058484114
Trans 2 Name:	HERITAGE TRANSPORT LLC
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001,D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.5445
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2020
Gen EPA ID:	CAL000391353

Shipment Date:	8/4/2020
Creation Date:	8/31/2020
Receipt Date:	8/21/2020

CALPINE CONTAINERS (Continued) **S103952828**

Manifest ID:	021908755JJK
Trans EPA ID:	CAL000330453
Trans Name:	AGRITEC INT DBA CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID:	IND058484114
Trans 2 Name:	HERITAGE TRANSPORT LLC
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001,D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.528
Waste Quantity:	160
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:	7/28/2020
Creation Date:	8/27/2020
Receipt Date:	8/17/2020
Manifest ID:	021908747JJK
Trans EPA ID:	CAL000330453
Trans Name:	AGRITEC INT DBA CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID:	IND058484114
Trans 2 Name:	HERITAGE TRANSPORT LLC
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001,D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1815
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:	2/28/2020
Creation Date:	3/9/2020
Receipt Date:	2/28/2020
Manifest ID:	030010531WAS
Trans EPA ID:	CAL000330453
Trans Name:	AGRITEC INT DBA CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000330453
Trans Name:	AGRITEC INT DBA CLEANTECH ENVIRONMENTAL

CALPINE CONTAINERS (Continued) **S103952828**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3
Waste Quantity:	600
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:	1/14/2020
Creation Date:	2/25/2020
Receipt Date:	2/6/2020
Manifest ID:	021037899JJK
Trans EPA ID:	CAL000330453
Trans Name:	AGRITEC INT DBA CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID:	IND058484114
Trans 2 Name:	HERITAGE TRANSPORT LLC
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001,D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.5445
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Detail Two:

Year:	2020
EM Manifest ID:	ab806928-9d4a-40ac-b166-af7619b14cfe
Shipment Date:	8/4/2020
Receipt Date:	8/21/2020
Manifest Number:	021908755JJK
Generator EPA ID:	CAL000391353
Name:	CHANNEL ISLANDS LOGISTICS
Address:	5655 ARCTURUS AVE
Address 2:	Not reported
City:	OXNARD
Zip:	93033
Telephone:	800-326-1221
Contact:	Not reported
Contact Telephone:	805-824-0943
Transporter 1 EPA ID:	CAL000330453
Transporter 1 Emergency Number:	Not reported

CALPINE CONTAINERS (Continued) **S103952828**

Transporter 2 EPA ID:	IND058484114
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 E STOREY RD
TSDF Address 2:	Not reported
TSDF City:	COOLIDGE
TSDF Zip:	85128
TSDF Telephone:	Not reported

Federal:

Year:	2020
EM Manifest ID:	ab806928-9d4a-40ac-b166-af7619b14cfe
Generator EPA ID:	CAL000391353
Shipment Date:	2020-08-04
Manifest Number:	021908755JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.52800
Quantity Waste:	160.000000
Quantity Unit:	G
Number of Containers:	3
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D001

Year:	2020
EM Manifest ID:	ab806928-9d4a-40ac-b166-af7619b14cfe
Generator EPA ID:	CAL000391353
Shipment Date:	2020-08-04
Manifest Number:	021908755JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.52800
Quantity Waste:	160.000000
Quantity Unit:	G
Number of Containers:	3
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D018

State:

Year:	2020
EM Manifest ID:	ab806928-9d4a-40ac-b166-af7619b14cfe
Generator EPA ID:	CAL000391353
Shipment Date:	2020-08-04
Manifest Number:	021908755JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.52800
Quantity Waste:	160.000000
Quantity Unit:	G
Number of Containers:	3
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
State Code:	331

CALPINE CONTAINERS (Continued) **S103952828**

Year:	2020
EM Manifest ID:	6aa78abd-10ed-4597-95be-369a6322022e
Shipment Date:	7/28/2020
Receipt Date:	8/17/2020
Manifest Number:	021908747JJK
Generator EPA ID:	CAL000391353
Name:	CHANNEL ISLANDS LOGISTICS
Address:	5655 ARCTURUS AVE
Address 2:	Not reported
City:	OXNARD
Zip:	93033
Telephone:	800-326-1221
Contact:	Not reported
Contact Telephone:	805-824-0943
Transporter 1 EPA ID:	CAL000330453
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	IND058484114
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 E STOREY RD
TSDF Address 2:	Not reported
TSDF City:	COOLIDGE
TSDF Zip:	85128
TSDF Telephone:	Not reported

Federal:

Year:	2020
EM Manifest ID:	6aa78abd-10ed-4597-95be-369a6322022e
Generator EPA ID:	CAL000391353
Shipment Date:	2020-07-28
Manifest Number:	021908747JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.18150
Quantity Waste:	55.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D001

Year:	2020
EM Manifest ID:	6aa78abd-10ed-4597-95be-369a6322022e
Generator EPA ID:	CAL000391353
Shipment Date:	2020-07-28
Manifest Number:	021908747JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.18150
Quantity Waste:	55.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D018

CALPINE CONTAINERS (Continued) **S103952828**

State:

Year:	2020
EM Manifest ID:	6aa78abd-10ed-4597-95be-369a6322022e
Generator EPA ID:	CAL000391353
Shipment Date:	2020-07-28
Manifest Number:	021908747JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.18150
Quantity Waste:	55.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
State Code:	331

Year:	2020
EM Manifest ID:	1036573
Shipment Date:	1/14/2020
Receipt Date:	2/6/2020
Manifest Number:	021037899JJK
Generator EPA ID:	CAL000391353
Name:	CHANNEL ISLANDS LOGISTICS
Address:	5655 ARCTURUS AVE
Address 2:	Not reported
City:	OXNARD
Zip:	93033
Telephone:	800-326-1221
Contact:	Not reported
Contact Telephone:	805-824-0943
Transporter 1 EPA ID:	CAL000330453
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	IND058484114
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	EAST STOREY ROAD
TSDF Address 2:	Not reported
TSDF City:	COOLIDGE
TSDF Zip:	85128-9205
TSDF Telephone:	Not reported

Federal:

Year:	2020
EM Manifest ID:	1036573
Generator EPA ID:	CAL000391353
Shipment Date:	2020-01-14
Manifest Number:	021037899JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.54450
Quantity Waste:	165.000000
Quantity Unit:	G
Number of Containers:	3
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons

CALPINE CONTAINERS (Continued) **S103952828**

Federal Code:	D001

Year:	2020
EM Manifest ID:	1036573
Generator EPA ID:	CAL000391353
Shipment Date:	2020-01-14
Manifest Number:	021037899JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.54450
Quantity Waste:	165.000000
Quantity Unit:	G
Number of Containers:	3
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
Federal Code:	D018

State:

Year:	2020
EM Manifest ID:	1036573
Generator EPA ID:	CAL000391353
Shipment Date:	2020-01-14
Manifest Number:	021037899JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.54450
Quantity Waste:	165.000000
Quantity Unit:	G
Number of Containers:	3
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Gallons
State Code:	331

Additional Info:

Year:	2017
Gen EPA ID:	CAL000391353

Shipment Date:	20170824
Creation Date:	6/20/2018 18:31:51
Receipt Date:	20170824
Manifest ID:	017876654JJK
Trans EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P

CALPINE CONTAINERS (Continued) **S103952828**

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: CHANNEL ISLANDS WAREHOUSE
Address: 5655 ARCTURUS AVE
City,State,Zip: OXNARD, CA 93033
Site ID: 428761
CERS ID: 10748911
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 03-15-2023
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to establish and/or electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material. *Verify agricultural handler exemption HSC 25507.1
Violation Notes: Returned to compliance on 03/24/2023.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 01-04-2018
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 01/26/2018. Observed two disposal receipts from Cleantech (Used Oil 360 gallons dated 11.14.17 & Waste Parts Washer Solution 15 gallons dated 11.17). Look through records and/or contact hauler to maintain 3 years worth of disposal receipts. Also maintain drained used oil filters disposal receipts available.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 01-04-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to label stationary hazardous waste tanks as "hazardous waste" and mark with an accumulation start date.
Violation Notes: Returned to compliance on 01/26/2018. Add accurate accumulation date to used oil tank.

CALPINE CONTAINERS (Continued) **S103952828**

Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 06-21-2021
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 06/22/2021. The following were observed onsite and have not been reported on CERS: Superclean Degreaser (55 gallons) at the shop, Used Oil, (175 gallons) at the shopt, Unleaded Gasoline (90 gallons), on the truck bed, and DEF (1100 gallons). Log onto CERS, add the reportable quantities of hazardous materials to the inventory, update the site map to upload, and submit for review. Also reduce the quantity of disel for 1000 gallons to 55 gallons.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 01-04-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 01/26/2018. R22 at 1500 pounds, Waste Oil at 170 gallons, Waste Antifreeze at 55 gallons, Antifreeze at 110 gallons, Oxygen at 251 Cubic Feet. Add missing hazardous materials to the inventory on CERS.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 01-04-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 01/26/2018. Used Oil from drained filters is not labeled. Used Antifreeze container is missing generator information and accumulation date. Provide labels with required information to hazardous waste containers. See #2 on back of page 1.

CALPINE CONTAINERS (Continued) **S103952828**

Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 03-15-2023
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes: Returned to compliance on 03/24/2023.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 06-11-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 07/02/2019.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 03-15-2023
Citation: 22 CCR 16 66266.81(a)(1) - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.81(a)(1)
Violation Description: Failure to meet the spent lead acid battery management requirements, when handling, storing, or transporting more than 10 lead acid batteries at any one time.
Violation Notes: Returned to compliance on 03/15/2023.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 06-11-2019
Citation: 40 CFR 1 265.201(c)(3) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(3)
Violation Description: Failure to inspect hazardous waste tanks at least once each operating day for the following, when present: (1) Discharge control equipment (e.g., waste feed cutoff systems, by-pass systems, and drainage systems) to ensure that it is in good working order; (2) Data gathered from monitoring equipment (e.g., pressure and temperature gauges) to ensure that the tank is being operated according to its design; (3) The level of waste in the tank.
Violation Notes: Returned to compliance on 09/26/2019.
Violation Division: Oxnard City CUPA

CALPINE CONTAINERS (Continued) **S103952828**

Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 10-02-2021
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Failure to meet NEC criteria
Violation Notes: Discharger failed to recertify the NEC by October 1, 2021
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 01-04-2018
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes: Returned to compliance on 01/26/2018. Observed one of the two containers of drained used oil filter containers lidded. Maintain these containers closed between uses.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 10-23-2017
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 12/19/2017.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 01-04-2018
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 01/26/2018. Used Oil from drained filters does not have a lid and not being used during inspection. Maintain hazardous waste containers closed between uses.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

CALPINE CONTAINERS (Continued) **S103952828**

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 03-15-2023
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 03/24/2023.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 06-11-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 09/26/2019.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 03-15-2023
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 03/16/2023.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 06-11-2019
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 09/26/2019.
Violation Division: Oxnard City CUPA

CALPINE CONTAINERS (Continued) **S103952828**

Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 06-21-2021
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 07/02/2021.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 06-11-2019
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.
Violation Notes: Returned to compliance on 09/26/2019.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 06-11-2019
Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
Violation Description: Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.
Violation Notes: Returned to compliance on 09/26/2019.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

CALPINE CONTAINERS (Continued) **S103952828**

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 06-11-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 07/02/2019.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 03-15-2023
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 03/16/2023.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-04-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Pay invoice by due date.
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2023
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-11-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown

CALPINE CONTAINERS (Continued) **S103952828**

Eval Date: 01-04-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Pay invoice by due date.
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-11-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-21-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-15-2023
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Complaint investigation.
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2023
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-21-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-18-2017
Violations Found: Yes
Eval Type: Routine done by local agency

CALPINE CONTAINERS (Continued) **S103952828**

Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 428761
Site Name: Channel Islands Warehouse
Site Address: 5655 ARCTURUS AVE
Site City: OXNARD
Site Zip: 93033
Enf Action Date: 01-03-2022
Enf Action Type: Notice of Violation
Enf Action Description: Notice of Violation
Enf Action Notes: Discharger did not re-certify NEC for the 2021/2022 reporting year after being sent the NOV via email on 10/18/2021. This NOV was issued via First Class Mail.
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Site Address: 5655 ARCTURUS AVE
Site City: OXNARD
Site Zip: 93033
Enf Action Date: 10-18-2021
Enf Action Type: Notice of Violation
Enf Action Description: Notice of Violation
Enf Action Notes: Discharger did not recertify NEC by October 1, 2021
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Coordinates:
Site ID: 428761
Facility Name: Channel Islands Warehouse
Env Int Type Code: HMBP
Program ID: 10748911
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.145880
Longitude: -119.173780

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Oxnard Fire Department
Entity Title: Not reported
Affiliation Address: 360 West Second Street
Affiliation City: Oxnard
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93030
Affiliation Phone: (805) 385-7722,

Affiliation Type Desc: Document Preparer

CALPINE CONTAINERS (Continued) **S103952828**

Entity Name:	John Hansen
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	John Hansen
Entity Title:	Not reported
Affiliation Address:	P.O. BOX 6229
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93033
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	John Hansen
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:	(805) 207-9436,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Del Norte Distribution
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:	John Hansen
Entity Title:	Warehouse Supervisor
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:	Woody Hansen
Entity Title:	Not reported
Affiliation Address:	whansen@delnortedistribution.com
Affiliation City:	Camarillo
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93033

CALPINE CONTAINERS (Continued) **S103952828**

Affiliation Phone:	(805) 207-8139,
Affiliation Type Desc:	Property Owner
Entity Name:	John Woodford Hansen
Entity Title:	Not reported
Affiliation Address:	whansen@delnortedistribution.com
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93033
Affiliation Phone:	(805) 207-8139,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	5655 Arcturus Ave
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93033
Affiliation Phone:	,
Affiliation Type Desc:	Owner/Operator
Entity Name:	Channel Islands Warehouse
Entity Title:	Operator
Affiliation Address:	5655 Arcturus Ave
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93033
Affiliation Phone:	,
Name:	CHANNEL ISLANDS WAREHOUSE
Address:	5655 ARCTURUS AVE
City,State,Zip:	OXNARD, CA 93033
Site ID:	428761
CERS ID:	883390
CERS Description:	Industrial Facility Storm Water

Violations:

Site ID:	428761
Site Name:	Channel Islands Warehouse
Violation Date:	03-15-2023
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to establish and/or electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material. *Verify agricultural handler exemption HSC 25507.1
Violation Notes:	Returned to compliance on 03/24/2023.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	428761
Site Name:	Channel Islands Warehouse
Violation Date:	01-04-2018

CALPINE CONTAINERS (Continued) **S103952828**

Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 01/26/2018. Observed two disposal receipts from Cleantech (Used Oil 360 gallons dated 11.14.17 & Waste Parts Washer Solution 15 gallons dated 11.17). Look through records and/or contact hauler to maintain 3 years worth of disposal receipts. Also maintain drained used oil filters disposal receipts available.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 01-04-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to label stationary hazardous waste tanks as "hazardous waste" and mark with an accumulation start date.
Violation Notes: Returned to compliance on 01/26/2018. Add accurate accumulation date to used oil tank.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 06-21-2021
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler’s operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 06/22/2021. The following were observed onsite and have not been reported on CERS: Superclean Degreaser (55 gallons) at the shop, Used Oil, (175 gallons) at the shopt, Unleaded Gasoline (90 gallons), on the truck bed, and DEF (1100 gallons). Log onto CERS, add the reportable quantities of hazardous materials to the inventory, update the site map to upload, and submit for review. Also reduce the quantity of disel for 1000 gallons to 55 gallons.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 01-04-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

CALPINE CONTAINERS (Continued) **S103952828**

Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 01/26/2018. R22 at 1500 pounds, Waste Oil at 170 gallons, Waste Antifreeze at 55 gallons, Antifreeze at 110 gallons, Oxygen at 251 Cubic Feet. Add missing hazardous materials to the inventory on CERS.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 01-04-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 01/26/2018. Used Oil from drained filters is not labeled. Used Antifreeze container is missing generator information and accumulation date. Provide labels with required information to hazardous waste containers. See #2 on back of page 1.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 03-15-2023
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes: Returned to compliance on 03/24/2023.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 06-11-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 07/02/2019.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse

CALPINE CONTAINERS (Continued) **S103952828**

Violation Date:	03-15-2023
Citation:	22 CCR 16 66266.81(a)(1) - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.81(a)(1)
Violation Description:	Failure to meet the spent lead acid battery management requirements, when handling, storing, or transporting more than 10 lead acid batteries at any one time.
Violation Notes:	Returned to compliance on 03/15/2023.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS,
Site ID:	428761
Site Name:	Channel Islands Warehouse
Violation Date:	06-11-2019
Citation:	40 CFR 1 265.201(c)(3) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(3)
Violation Description:	Failure to inspect hazardous waste tanks at least once each operating day for the following, when present: (1) Discharge control equipment (e.g., waste feed cutoff systems, by-pass systems, and drainage systems) to ensure that it is in good working order; (2) Data gathered from monitoring equipment (e.g., pressure and temperature gauges) to ensure that the tank is being operated according to its design; (3) The level of waste in the tank.
Violation Notes:	Returned to compliance on 09/26/2019.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS,
Site ID:	428761
Site Name:	Channel Islands Warehouse
Violation Date:	10-02-2021
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Failure to meet NEC criteria
Violation Notes:	Discharger failed to recertify the NEC by October 1, 2021
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS,
Site ID:	428761
Site Name:	Channel Islands Warehouse
Violation Date:	01-04-2018
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Returned to compliance on 01/26/2018. Observed one of the two containers of drained used oil filter containers lidded. Maintain these containers closed between uses.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS,
Site ID:	428761
Site Name:	Channel Islands Warehouse
Violation Date:	10-23-2017
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507

CALPINE CONTAINERS (Continued) **S103952828**

Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 12/19/2017.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	428761
Site Name:	Channel Islands Warehouse
Violation Date:	01-04-2018
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 01/26/2018. Used Oil from drained filters does not have a lid and not being used during inspection. Maintain hazardous waste containers closed between uses.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS,
Site ID:	428761
Site Name:	Channel Islands Warehouse
Violation Date:	03-15-2023
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 03/24/2023.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS,
Site ID:	428761
Site Name:	Channel Islands Warehouse
Violation Date:	06-11-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 09/26/2019.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS,
Site ID:	428761

CALPINE CONTAINERS (Continued) **S103952828**

Site Name: Channel Islands Warehouse
Violation Date: 03-15-2023
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 03/16/2023.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 06-11-2019
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 09/26/2019.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 06-21-2021
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 07/02/2021.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 06-11-2019
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner

CALPINE CONTAINERS (Continued) **S103952828**

liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.

Violation Notes: Returned to compliance on 09/26/2019.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 06-11-2019
Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
Violation Description: Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.
Violation Notes: Returned to compliance on 09/26/2019.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 06-11-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 07/02/2019.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Violation Date: 03-15-2023
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 03/16/2023.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown

CALPINE CONTAINERS (Continued) **S103952828**

Eval Date: 01-04-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Pay invoice by due date.
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2023
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-11-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-04-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Pay invoice by due date.
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-11-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-21-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-15-2023
Violations Found: No
Eval Type: Other, not routine, done by local agency

CALPINE CONTAINERS (Continued) **S103952828**

Eval Notes: Complaint investigation.
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2023
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-21-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-18-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 428761
Site Name: Channel Islands Warehouse
Site Address: 5655 ARCTURUS AVE
Site City: OXNARD
Site Zip: 93033
Enf Action Date: 01-03-2022
Enf Action Type: Notice of Violation
Enf Action Description: Notice of Violation
Enf Action Notes: Discharger did not re-certify NEC for the 2021/2022 reporting year after being sent the NOV via email on 10/18/2021. This NOV was issued via First Class Mail.
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Site ID: 428761
Site Name: Channel Islands Warehouse
Site Address: 5655 ARCTURUS AVE
Site City: OXNARD
Site Zip: 93033
Enf Action Date: 10-18-2021
Enf Action Type: Notice of Violation
Enf Action Description: Notice of Violation
Enf Action Notes: Discharger did not recertify NEC by October 1, 2021

CALPINE CONTAINERS (Continued) **S103952828**

Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Coordinates:
Site ID: 428761
Facility Name: Channel Islands Warehouse
Env Int Type Code: HMBP
Program ID: 10748911
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.145880
Longitude: -119.173780

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Oxnard Fire Department
Entity Title: Not reported
Affiliation Address: 360 West Second Street
Affiliation City: Oxnard
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93030
Affiliation Phone: (805) 385-7722,

Affiliation Type Desc: Document Preparer
Entity Name: John Hansen
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: John Hansen
Entity Title: Not reported
Affiliation Address: P.O. BOX 6229
Affiliation City: Oxnard
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93033
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: John Hansen
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: (805) 207-9436,

Affiliation Type Desc: Parent Corporation

CALPINE CONTAINERS (Continued) **S103952828**

Entity Name:	Del Norte Distribution
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:	John Hansen
Entity Title:	Warehouse Supervisor
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:	Woody Hansen
Entity Title:	Not reported
Affiliation Address:	whansen@delnortedistribution.com
Affiliation City:	Camarillo
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93033
Affiliation Phone:	(805) 207-8139,

Affiliation Type Desc:	Property Owner
Entity Name:	John Woodford Hansen
Entity Title:	Not reported
Affiliation Address:	whansen@delnortedistribution.com
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93033
Affiliation Phone:	(805) 207-8139,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	5655 Arcturus Ave
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93033
Affiliation Phone:	,

Affiliation Type Desc:	Owner/Operator
Entity Name:	Channel Islands Warehouse
Entity Title:	Operator
Affiliation Address:	5655 Arcturus Ave
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93033

CALPINE CONTAINERS (Continued) **S103952828**

Affiliation Phone: ,

HWTS:

Name:	CHANNEL ISLANDS LOGISTICS
Address:	5655 ARCTURUS AVE
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
EPA ID:	CAL000391353
Inactive Date:	Not reported
Create Date:	11/13/2013
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 6229
Mailing Address 2:	Not reported
Mailing City,State,Zip:	OXNARD, CA 930316229
Owner Name:	CHANNEL ISLANDS LOGISTICS
Owner Address:	5655 ARCTURUS AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	OXNARD, CA 93033
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	KERRY TISSLER
Contact Address:	5655 ARCTURUS AVE
Contact Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Active
Facility Type:	PERMANENT
Category:	STATE
Latitude:	34.145901
Longitude:	-119.1737925

NAICS:

EPA ID:	CAL000391353
Create Date:	2013-11-13 13:36:27.887
NAICS Code:	48849
NAICS Description:	Other Support Activities for Road Transportation
Issued EPA ID Date:	2013-11-13 13:36:27.87000
Inactive Date:	Not reported
Facility Name:	CHANNEL ISLANDS LOGISTICS
Facility Address:	5655 ARCTURUS AVE
Facility Address 2:	Not reported
Facility City:	OXNARD
Facility County:	Not reported
Facility State:	CA
Facility Zip:	93033

Q95 WNW 1/4-1/2 0.348 mi. 1839 ft. | **RAMOS PROPERTY (MIGUEL)**
5690 CYPRESS
OXNARD, CA 93030
Site 1 of 2 in cluster Q

LUST Cortese HIST CORTESE | **S102433366 N/A**

Actual: 18 ft.

Focus Map: 1

LUST REG 4:

Region:	4
Regional Board:	04
County:	Ventura
Facility Id:	C-89078
Status:	Remediation Plan
Substance:	Gasoline
Substance Quantity:	Not reported
Local Case No:	89078
Case Type:	Soil
Abatement Method Used at the Site:	Excavate and Dispose
Global ID:	T0611100487
W Global ID:	Not reported
Staff:	UNK
Local Agency:	56000L
Cross Street:	Not reported
Enforcement Type:	LFOR
Date Leak Discovered:	6/27/1989
Date Leak First Reported:	6/27/1989
Date Leak Record Entered:	Not reported
Date Confirmation Began:	6/27/1989
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	Not reported
Date the Case was Closed:	Not reported
How Leak Discovered:	Not reported
How Leak Stopped:	Not reported
Cause of Leak:	Not reported
Leak Source:	Not reported
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	3297.5579317744685458130601255
Source of Cleanup Funding:	F
Preliminary Site Assessment Workplan Submitted:	6/27/1989
Preliminary Site Assessment Began:	3/18/1990
Pollution Characterization Began:	3/18/1990
Remediation Plan Submitted:	7/15/1993
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	7/3/1989
Historical Max MTBE Date:	11/11/2002
Hist Max MTBE Conc in Groundwater:	0
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	ND
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	MIGUEL RAMOS
RP Address:	Not reported
Program:	LUST
Lat/Long:	34.1474283 / -1
Local Agency Staff:	DBW

RAMOS PROPERTY (MIGUEL) (Continued) **S102433366**

Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

CORTESE:

Name:	RAMOS PROPERTY (MIGUEL)
Address:	5690 CYPRESS
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611100487
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	MIGUEL RAMOS
edr_fadd1:	5690 CYPRESS
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Facility County Code:	56
Reg By:	LTNKA
Reg Id:	C-89078

Q96 **RAMOS PROPERTY (MIGUEL)** **LUST** **S105974818**
WNW **5690 CYPRESS** **CERS** **N/A**
1/4-1/2 **OXNARD, CA 93030**
0.348 mi.
1839 ft. **Site 2 of 2 in cluster Q**

Actual:
18 ft.

Focus Map:
1

VENTURA CO. LUST:

Name:	RAMOS PROPERTY (MIGUEL)
Address:	5690 CYPRESS
City:	OXNARD
Region:	VENTURA
Facility ID:	89078
Status:	Case Closed

RAMOS PROPERTY (MIGUEL) (Continued) **S105974818**

LUST:

Name:	RAMOS PROPERTY (MIGUEL)
Address:	5690 CYPRESS
City,State,Zip:	OXNARD, CA 93030
Lead Agency:	VENTURA COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611100487
Global Id:	T0611100487
Latitude:	34.1474283
Longitude:	-119.1728519
Status:	Completed - Case Closed
Status Date:	01/06/2005
Case Worker:	DBW
RB Case Number:	C89078
Local Agency:	VENTURA COUNTY
File Location:	Not reported
Local Case Number:	89078
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	* Historical Geocode - Exact Address Match
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	06/27/1989
Leak Reported Date:	06/27/1989
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	01/06/2005
CA Water Watershed Name:	Oxnard (410.00)
Dwr Groundwater Subbasin Name:	Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	91-95%
CA Enviroscreen 4 Score:	85-90%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	LOS ANGELES RWQCB (REGION 4)
Site History:	Not reported

LUST:

Global Id:	T0611100487
Contact Type:	Regional Board Caseworker
Contact Name:	DANIEL PIROTTON
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	dpirotton@waterboards.ca.gov
Phone Number:	2135766714

Global Id:	T0611100487
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	DIANE B. WAHL
Organization Name:	VENTURA COUNTY
Address:	800 S. VICTORIA AVE.

RAMOS PROPERTY (MIGUEL) (Continued) **S105974818**

City: VENTURA
Email: diane.wahl@ventura.org
Phone Number: 8056545040

LUST:
Global Id: T0611100487
Action Type: ENFORCEMENT
Date: 09/15/2004
Action: * Historical Enforcement - #4

Global Id: T0611100487
Action Type: ENFORCEMENT
Date: 08/26/2003
Action: File review - #2

Global Id: T0611100487
Action Type: ENFORCEMENT
Date: 12/08/2003
Action: * Historical Enforcement - #3

Global Id: T0611100487
Action Type: ENFORCEMENT
Date: 07/03/1989
Action: * Historical Enforcement - #1

Global Id: T0611100487
Action Type: ENFORCEMENT
Date: 01/06/2005
Action: Closure/No Further Action Letter - #6

Global Id: T0611100487
Action Type: Other
Date: 06/27/1989
Action: Leak Reported

Global Id: T0611100487
Action Type: RESPONSE
Date: 12/03/2004
Action: Unknown

Global Id: T0611100487
Action Type: ENFORCEMENT
Date: 01/04/2005
Action: * Historical Enforcement - #5

Global Id: T0611100487
Action Type: Other
Date: 06/27/1989
Action: Leak Discovery

LUST:
Global Id: T0611100487
Status: Open - Case Begin Date
Status Date: 06/27/1989

Global Id: T0611100487

RAMOS PROPERTY (MIGUEL) (Continued) **S105974818**

Status: Open - Site Assessment
Status Date: 06/27/1989

Global Id: T0611100487
Status: Open - Site Assessment
Status Date: 03/18/1990

Global Id: T0611100487
Status: Open - Remediation
Status Date: 07/15/1993

Global Id: T0611100487
Status: Completed - Case Closed
Status Date: 01/06/2005

CERS:
Name: RAMOS PROPERTY (MIGUEL)
Address: 5690 CYPRESS
City,State,Zip: OXNARD, CA 93030
Site ID: 679047
CERS ID: T0611100487
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: DIANE B. WAHL - VENTURA COUNTY
Entity Title: Not reported
Affiliation Address: 800 S. VICTORIA AVE.
Affiliation City: VENTURA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 8056545040,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766714,

R97 **ENGINEERING AND EMISSION TEST CENTER** **CPS-SLIC** **1008152527**
SW **5900 ARCTURUS AVE** **CERS HAZ WASTE** **N/A**
1/4-1/2 **OXNARD, CA 93033** **CERS TANKS**
0.387 mi. **FINDS**
2041 ft. **Site 1 of 2 in cluster R** **CERS**

Actual:
13 ft.

Focus Map:
4

CPS-SLIC:
Name: BMW ENGINEERING WEST FACILITY
Address: 5900 ARCTURUS AVE
City,State,Zip: OXNARD, CA 93033
Region: STATE
Facility Status: **Completed - Case Closed**

ENGINEERING AND EMISSION TEST CENTER (Continued) **1008152527**

Status Date:	07/16/2010
Global Id:	SLT43696694
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.1433329154082
Longitude:	-119.171168804169
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	1063
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
EPA Region:	9
Coordinate Source:	Manual Entry on Screens
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	03/01/2001
Leak Reported Date:	Not reported
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	07/16/2010
CA Water Watershed Name:	Oxnard (410.00)
Dwr Groundwater Subbasin Name:	Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	91-95%
CA Enviroscreen 4 Score:	85-90%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	LOS ANGELES RWQCB (REGION 4)
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS HAZ WASTE:

Name:	BMW OXNARD ENGINEERING AND EMISSION TEST CENTER
Address:	5900 ARCTURUS AVE.
City,State,Zip:	OXNARD, CA 93033
Site ID:	12819
CERS ID:	10201105
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	BMW OXNARD ENGINEERING AND EMISSION TEST CENTER
Address:	5900 ARCTURUS AVE.
City,State,Zip:	OXNARD, CA 93033
Site ID:	12819
CERS ID:	10201105
CERS Description:	Aboveground Petroleum Storage

FINDS:

Registry ID: 110002938705

ENGINEERING AND EMISSION TEST CENTER (Continued) **1008152527**

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CERS:

Name:	BMW ENGINEERING WEST FACILITY
Address:	5900 ARCTURUS AVE
City,State,Zip:	OXNARD, CA 93033
Site ID:	638690
CERS ID:	SLT43696694
CERS Description:	Cleanup Program Site

Name:	BMW OXNARD ENGINEERING AND EMISSION TEST CENTER
Address:	5900 ARCTURUS AVE.
City,State,Zip:	OXNARD, CA 93033
Site ID:	12819
CERS ID:	10201105
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	12819
Site Name:	BMW Oxnard Engineering and Emission Test Center
Violation Date:	07-02-2013
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 07/02/2013. Inventory is not accurate. Update inventory and update CERS.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	12819
Site Name:	BMW Oxnard Engineering and Emission Test Center
Violation Date:	10-31-2017
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes:	Returned to compliance on 11/28/2017.
Violation Division:	Oxnard City CUPA
Violation Program:	HW

ENGINEERING AND EMISSION TEST CENTER (Continued) **1008152527**

Violation Source: CERS,

Site ID: 12819
Site Name: BMW Oxnard Engineering and Emission Test Center
Violation Date: 10-31-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to regularly inspect aboveground valves, piping, and appurtenances.
Violation Notes: Returned to compliance on 11/28/2017.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS,

Site ID: 12819
Site Name: BMW Oxnard Engineering and Emission Test Center
Violation Date: 10-31-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 11/28/2017.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS,

Site ID: 12819
Site Name: BMW Oxnard Engineering and Emission Test Center
Violation Date: 10-31-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: "Failure to test or inspect each aboveground container for integrity based on industry standards as discussed in the SPCC Plan: 1. On a regular schedule. 2. After making material repairs. 3. Use non-destructive testing. 4. Inspect each container s supports, foundations, and outside for signs of deterioration, discharges, or accumulation of oil inside diked areas."
Violation Notes: Returned to compliance on 11/28/2017.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS,

Site ID: 12819
Site Name: BMW Oxnard Engineering and Emission Test Center
Violation Date: 12-05-2019
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to include in the SPCC Plan an adequate facility diagram, or no facility diagram included. The facility diagram is not required on a Tier I qualified facility SPCC Plan.
Violation Notes: Returned to compliance on 12/11/2019. Most recent submittal of the site map to CERS is incomplete. Upload map showing locations of the internal building and piping of aboveground tanks to buildings/dispensers. These maps are available onsite.

ENGINEERING AND EMISSION TEST CENTER (Continued) **1008152527**

Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS,

Site ID: 12819
Site Name: BMW Oxnard Engineering and Emission Test Center
Violation Date: 12-05-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 12/11/2019. Most recent submittal of the site map to CERS is incomplete. Upload map showing locations of the internal building and piping of aboveground tanks to buildings/dispensers. These maps are available onsite.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 12819
Site Name: BMW Oxnard Engineering and Emission Test Center
Violation Date: 10-31-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to include in the SPCC Plan an adequate facility diagram, or no facility diagram included. The facility diagram is not required on a Tier I qualified facility SPCC Plan.
Violation Notes: Returned to compliance on 11/28/2017.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS,

Site ID: 12819
Site Name: BMW Oxnard Engineering and Emission Test Center
Violation Date: 10-31-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: "Failure to engineer or update each container installation to avoid discharges by providing at least one of the following devices: 1. An audible or visual high liquid level alarm. 2. High liquid level pump cutoff devices. 3. Audible or code signal communications between tank gauger and pumping station. 4. A fast response system for determining liquid levels, such as computers, telepulse or direct vision gauges.
Violation Notes: Returned to compliance on 11/28/2017.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS,

Site ID: 12819
Site Name: BMW Oxnard Engineering and Emission Test Center
Violation Date: 10-31-2017
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 11/28/2017.
Violation Division: Oxnard City CUPA

ENGINEERING AND EMISSION TEST CENTER (Continued) **1008152527**

Violation Program: HW
Violation Source: CERS,

Site ID: 12819
Site Name: BMW Oxnard Engineering and Emission Test Center
Violation Date: 10-31-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: "Failure to prepare an SPCC Plan which fulfills all basic requirements that include: 1. The SPCC Plan must be prepared in accordance with good engineering practices. 2. Have full approval of management at a level of authority to commit the necessary resources to fully implement the SPCC Plan. 3. Prepare the SPCC Plan in writing. 4. Follow the sequence of the SPCC rule or include a cross-reference. 5. If the SPCC Plan calls for additional procedures, methods, or equipment not yet fully operational, discuss the items in separate paragraphs."
Violation Notes: Returned to compliance on 11/28/2017.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-02-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-02-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-31-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-05-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: APSA inspection conducted using "APSA Non-Qualified Inspection Report". SPCC Plan available and implemented. Cross reference list provided. Site layout available. Inspection documents available

ENGINEERING AND EMISSION TEST CENTER (Continued) **1008152527**

digitally. Annual training documents available. Annual service records conducted by third party available. CERS had an updated the APSA section in April 2019. Ensure to fill out and submit during next submittal.

Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-05-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-09-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Review Notice to Comply from routine inspection conducted 12/5/2019.
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-09-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Review Notice to Comply from routine inspection conducted 12/5/2019.
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-19-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Verified violations from report dated 12/5/2019 had been corrected.
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2022
Violations Found: No
Eval Type: Routine done by local agency

ENGINEERING AND EMISSION TEST CENTER (Continued) **1008152527**

Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-31-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-31-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-02-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-05-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-09-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Review Notice to Comply from routine inspection conducted 12/5/2019.
Eval Division: Oxnard City CUPA
Eval Program: HW

ENGINEERING AND EMISSION TEST CENTER (Continued) **1008152527**

Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Parent Corporation
Entity Name: BMW Oxnard Engineering and Emission Test Center
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: BMW of North America, LLC
Entity Title: Not reported
Affiliation Address: 300 Chestnut Ridge Road
Affiliation City: Woodcliff Lake
Affiliation State: NJ
Affiliation Country: United States
Affiliation Zip: 07675
Affiliation Phone: (201) 307-4000,

Affiliation Type Desc: Document Preparer
Entity Name: Joanne Underwood
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: Joanne Underwood
Entity Title: Facility Coordinator
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: 5900 Arcturus Avenue
Affiliation City: Oxnard
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93033
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: BMW of North America, LLC
Entity Title: Not reported
Affiliation Address: 300 Chestnut Ridge Road

ENGINEERING AND EMISSION TEST CENTER (Continued) **1008152527**

Affiliation City:	Woodcliff Lake
Affiliation State:	NJ
Affiliation Country:	United States
Affiliation Zip:	07675
Affiliation Phone:	(201) 307-4000,

Affiliation Type Desc:	CUPA District
Entity Name:	Oxnard Fire Department
Entity Title:	Not reported
Affiliation Address:	360 West Second Street
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	(805) 385-7722,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Hassan Pressley
Entity Title:	Not reported
Affiliation Address:	P.O. Box 11000
Affiliation City:	Spartanburg
Affiliation State:	SC
Affiliation Country:	Not reported
Affiliation Zip:	29304
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	BMW Engineering and Emission Test Center
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:	(805) 271-7300,

R98 **OXNARD HARBOR DISTRICT** **LUST** **S104164685**
SW **5851 ARCTURUS** **Cortese** **N/A**
1/4-1/2 **OXNARD, CA 93033** **HIST CORTESE**
0.392 mi. **CERS**
2071 ft. **Site 2 of 2 in cluster R**

Actual:
13 ft.

Focus Map:
4

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	C-94015	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	94015	
Case Type:	Groundwater	
Abatement Method Used at the Site:		EDET
Global ID:	T0611100879	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	

OXNARD HARBOR DISTRICT (Continued) **S104164685**

Cross Street:	Not reported	
Enforcement Type:	222	
Date Leak Discovered:	2/24/1994	
Date Leak First Reported:		2/24/1994
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	2/24/1994	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		1/6/1998
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		3858.1176487207653169715903613
Source of Cleanup Funding:		F
Preliminary Site Assessment Workplan Submitted:		2/24/1994
Preliminary Site Assessment Began:		8/16/1995
Pollution Characterization Began:		8/16/1995
Remediation Plan Submitted:		3/7/1996
Remedial Action Underway:		8/14/1996
Post Remedial Action Monitoring Began:		7/10/1997
Enforcement Action Date:		1/1/1965
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	OXNARD HARBOR DISTRICT	
RP Address:	Not reported	
Program:	LUST	
Lat/Long:	34.1445273 / -1	
Local Agency Staff:	PMB	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

VENTURA CO. LUST:

Name:	OXNARD HARBOR DISTRICT
Address:	5851 ARCTURUS
City:	OXNARD
Region:	VENTURA
Facility ID:	94015
Status:	Case Closed

LUST:

Name:	OXNARD HARBOR DISTRICT
Address:	5851 ARCTURUS

OXNARD HARBOR DISTRICT (Continued) **S104164685**

City,State,Zip:	OXNARD, CA 93033
Lead Agency:	VENTURA COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611100879
Global Id:	T0611100879
Latitude:	34.143476
Longitude:	-119.173832
Status:	Completed - Case Closed
Status Date:	01/06/1998
Case Worker:	Not reported
RB Case Number:	C-94015
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	94015
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	02/24/1994
Leak Reported Date:	02/24/1994
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	01/06/1998
CA Water Watershed Name:	Oxnard (410.00)
Dwr Groundwater Subbasin Name:	Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	91-95%
CA Enviroscreen 4 Score:	85-90%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	LOS ANGELES RWQCB (REGION 4)
Site History:	Not reported

LUST:

Global Id:	T0611100879
Contact Type:	Regional Board Caseworker
Contact Name:	DANIEL PIROTTON
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	dpirotton@waterboards.ca.gov
Phone Number:	2135766714

LUST:

Global Id:	T0611100879
Action Type:	Other
Date:	02/24/1994
Action:	Leak Reported

Global Id:	T0611100879
Action Type:	Other

OXNARD HARBOR DISTRICT (Continued) **S104164685**

Date: 02/24/1994
Action: Leak Discovery

LUST:

Global Id: T0611100879
Status: Open - Case Begin Date
Status Date: 02/24/1994

Global Id: T0611100879
Status: Open - Site Assessment
Status Date: 02/24/1994

Global Id: T0611100879
Status: Open - Site Assessment
Status Date: 08/16/1995

Global Id: T0611100879
Status: Open - Remediation
Status Date: 03/07/1996

Global Id: T0611100879
Status: Open - Remediation
Status Date: 08/14/1996

Global Id: T0611100879
Status: Open - Verification Monitoring
Status Date: 07/10/1997

Global Id: T0611100879
Status: Completed - Case Closed
Status Date: 01/06/1998

CORTESE:

Name: OXNARD HARBOR DISTRICT
Address: 5851 ARCTURUS
City,State,Zip: OXNARD, CA 93033
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0611100879
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

OXNARD HARBOR DISTRICT (Continued) **S104164685**

Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: OXNARD HARBOR DISTRICT
edr_fadd1: 5851 ARCTURUS
City,State,Zip: OXNARD, CA 93033
Region: CORTESE
Facility County Code: 56
Reg By: LTNKA
Reg Id: C-94015

CERS:
Name: OXNARD HARBOR DISTRICT
Address: 5851 ARCTURUS
City,State,Zip: OXNARD, CA 93033
Site ID: 673862
CERS ID: T0611100879
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766714,

S99 **PENNINGTON MFG.** **LUST** **U002243965**
South **5901 EDISON** **HIST CORTESE** **N/A**
1/4-1/2 **OXNARD, CA 93030** **NPDES**
0.399 mi. **CIWQS**
2108 ft. **Site 1 of 2 in cluster S** **CERS**

Actual:
14 ft.

Focus Map:
4

LUST:
Name: PENNINGTON MANUFACTURING
Address: 5901 EDISON RD
City,State,Zip: OXNARD, CA 93030
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611100056
Global Id: T0611100056
Latitude: 34.141698
Longitude: -119.167114
Status: Completed - Case Closed
Status Date: 02/24/1995
Case Worker: YR
RB Case Number: 930300070
Local Agency: Not reported
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline

PENNINGTON MFG. (Continued) **U002243965**

EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	05/10/1988
Leak Reported Date:	05/23/1988
How Discovered:	Tank Tightness Test
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	02/24/1995
CA Water Watershed Name:	Oxnard (410.00)
Dwr Groundwater Subbasin Name:	Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	91-95%
CA Enviroscreen 4 Score:	85-90%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	LOS ANGELES RWQCB (REGION 4)
Site History:	Not reported

LUST:

Global Id:	T0611100056
Contact Type:	Regional Board Caseworker - Primary Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0611100056
Action Type:	Other
Date:	05/23/1988
Action:	Leak Reported
Global Id:	T0611100056
Action Type:	Other
Date:	05/10/1988
Action:	Leak Discovery

LUST:

Global Id:	T0611100056
Status:	Open - Case Begin Date
Status Date:	05/10/1988
Global Id:	T0611100056
Status:	Open - Site Assessment
Status Date:	06/01/1988
Global Id:	T0611100056
Status:	Open - Site Assessment
Status Date:	10/20/1989

PENNINGTON MFG. (Continued) **U002243965**

Global Id:	T0611100056
Status:	Open - Remediation
Status Date:	03/19/1990

Global Id:	T0611100056
Status:	Open - Verification Monitoring
Status Date:	10/28/1991

Global Id:	T0611100056
Status:	Completed - Case Closed
Status Date:	02/24/1995

Name:	PENNINGTON MFG.
Address:	5901 EDISON DR
City,State,Zip:	OXNARD, CA 93030
Lead Agency:	VENTURA COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611100308
Global Id:	T0611100308
Latitude:	34.141698
Longitude:	-119.167114
Status:	Completed - Case Closed
Status Date:	02/24/1995
Case Worker:	Not reported
RB Case Number:	C-88058
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	88058
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	05/10/1988
Leak Reported Date:	05/10/1988
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	02/24/1995
CA Water Watershed Name:	Oxnard (410.00)
Dwr Groundwater Subbasin Name:	Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	91-95%
CA Enviroscreen 4 Score:	85-90%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	LOS ANGELES RWQCB (REGION 4)
Site History:	Not reported

LUST:

Global Id:	T0611100308
Contact Type:	Regional Board Caseworker
Contact Name:	DANIEL PIROTTON

PENNINGTON MFG. (Continued) **U002243965**

Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

LUST:
Global Id: T0611100308
Action Type: ENFORCEMENT
Date: 05/10/1988
Action: * Historical Enforcement

Global Id: T0611100308
Action Type: Other
Date: 05/10/1988
Action: Leak Reported

Global Id: T0611100308
Action Type: Other
Date: 05/10/1988
Action: Leak Discovery

LUST:
Global Id: T0611100308
Status: Open - Case Begin Date
Status Date: 05/10/1988

Global Id: T0611100308
Status: Open - Site Assessment
Status Date: 05/10/1988

Global Id: T0611100308
Status: Open - Site Assessment
Status Date: 07/01/1988

Global Id: T0611100308
Status: Open - Site Assessment
Status Date: 08/14/1989

Global Id: T0611100308
Status: Open - Remediation
Status Date: 12/01/1989

Global Id: T0611100308
Status: Open - Remediation
Status Date: 01/22/1990

Global Id: T0611100308
Status: Completed - Case Closed
Status Date: 02/24/1995

HIST CORTESE:
edr_fname: PENNINGTON MFG.
edr_fadd1: 5901 EDISON
City,State,Zip: OXNARD, CA 93030

PENNINGTON MFG. (Continued) **U002243965**

Region:	CORTESE
Facility County Code:	56
Reg By:	LTNKA
Reg Id:	C-88058

edr_fname:	PENNINGTON MANUFACTURING
edr_fadd1:	5901 EDISON
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Facility County Code:	56
Reg By:	LTNKA
Reg Id:	930300070

NPDES:

Name:	IRWIN INDUSTRIES INC
Address:	5901 EDISON DR
City,State,Zip:	OXNARD, CA 93033
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 56I022445
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	07/07/2016
Operator Name:	Irwin Industries Inc
Operator Address:	1580 W Carson St
Operator City:	Long Beach
Operator State:	California
Operator Zip:	90810

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	401160
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 56I022445
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported

PENNINGTON MFG. (Continued) **U002243965**

Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	06/27/2016
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	12/07/2009
Processed Date:	12/10/2009
Status:	Terminated
Status Date:	07/07/2016
Place Size:	219542
Place Size Unit:	SqFt
Contact:	Craig O Neill
Contact Title:	Facilities Manager
Contact Phone:	805-874-3054
Contact Phone Ext:	Not reported
Contact Email:	coneill@irwinindustries.com
Operator Name:	Irwin Industries Inc
Operator Address:	1580 W Carson St
Operator City:	Long Beach
Operator State:	California
Operator Zip:	90810
Operator Contact:	Craig ONeill
Operator Contact Title:	Not reported
Operator Contact Phone:	805-874-3054
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	coneill@irwinindustries.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Pacific Ocean

PENNINGTON MFG. (Continued) **U002243965**

Certifier:	Craig ONeill
Certifier Title:	Facilities Manager
Certification Date:	11-FEB-15
Primary Sic:	1499-Miscellaneous Nonmetallic Minerals, Except Fuels
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Terminated
Agency Number:	0
Region:	4
Regulatory Measure ID:	401160
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 56I022445
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/10/2009
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	06/27/2016
Discharge Name:	Irwin Industries Inc
Discharge Address:	1580 W Carson St
Discharge City:	Long Beach
Discharge State:	California
Discharge Zip:	90810
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported

PENNINGTON MFG. (Continued) **U002243965**

Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	IRWIN INDUSTRIES INC
Address:	5901 EDISON DR
City,State,Zip:	OXNARD, CA 93033
Agency:	Irwin Industries Inc
Agency Address:	1580 W Carson St, Long Beach, CA 90810
Place/Project Type:	Industrial - Miscellaneous Nonmetallic Minerals, Except Fuels
SIC/NAICS:	1499
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 56I022445
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	12/10/2009
Termination Date:	06/27/2016
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.14189
Longitude:	-119.16674

CERS:

PENNINGTON MFG. (Continued) **U002243965**

Name:	PENNINGTON MANUFACTURING
Address:	5901 EDISON RD
City,State,Zip:	OXNARD, CA 93030
Site ID:	675192
CERS ID:	T0611100056
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

S100 **PENNINGTON MFG** **RCRA-SQG** **1000316148**
South **5901 EDISON DR** **LUST** **CAD981383185**
1/4-1/2 **OXNARD, CA 93033** **UST**
0.399 mi. **HIST UST**
2108 ft. **Site 2 of 2 in cluster S** **CERS TANKS**
FINDS
Actual: **ECHO**
14 ft. **Cortese**
Focus Map: **CERS**
4

RCRA Listings:

Date Form Received by Agency:	19980625
Handler Name:	Pennington Mfg
Handler Address:	5901 EDISON DR
Handler City,State,Zip:	OXNARD, CA 93033
EPA ID:	CAD981383185
Contact Name:	JAMES DIEMER
Contact Address:	5901 EDISON DR
Contact City,State,Zip:	OXNARD, CA 93033
Contact Telephone:	805-659-0421
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:	X
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5901 EDISON DR
Mailing City,State,Zip:	OXNARD, CA 93033
Owner Name:	Carpinteria Welding
Owner Type:	Private
Operator Name:	Not Required
Operator Type:	Private
Short-Term Generator Activity:	No

PENNINGTON MFG (Continued) **1000316148**

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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20060905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: CARPINTERIA WELDING	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private

PENNINGTON MFG (Continued) **1000316148**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: CARPINTERIA WELDING	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19980625
Handler Name: PENNINGTON MFG	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19980625
Handler Name: PENNINGTON MFG	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

PENNINGTON MFG (Continued) **1000316148**

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

LUST REG 4:

Region:	4
Regional Board:	04
County:	Ventura
Facility Id:	930300070
Status:	Case Closed
Substance:	Gasoline
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Groundwater
Abatement Method Used at the Site:	Excavate and Treat
Global ID:	T0611100056
W Global ID:	Not reported
Staff:	UNK
Local Agency:	56000L
Cross Street:	MCWAYNE BLVD
Enforcement Type:	Not reported
Date Leak Discovered:	5/10/1988
Date Leak First Reported:	5/23/1988
Date Leak Record Entered:	5/31/1988
Date Confirmation Began:	Not reported
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	2/24/1995
Date the Case was Closed:	2/24/1995
How Leak Discovered:	Tank Test
How Leak Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	1395.834092158185968966125472 5
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	10/20/1989
Pollution Characterization Began:	6/1/1988
Remediation Plan Submitted:	3/19/1990
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	10/28/1991
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported

PENNINGTON MFG (Continued) **1000316148**

Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Yes
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	CARPINTERIA WELDING, INC.	
RP Address:	5901 EDISON DR, OXNARD, CA 93030	
Program:	LUST	
Lat/Long:	34.1370114 / -1	
Local Agency Staff:	EHD	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	VCEH CASE #C88058	
Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	C-88058	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	88058	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Excavate and Treat
Global ID:	T0611100308	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	Not reported	
Enforcement Type:	EF	
Date Leak Discovered:	5/10/1988	
Date Leak First Reported:		5/10/1988
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	7/1/1988	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		2/24/1995
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		2779.5169275227629534877096187
Source of Cleanup Funding:		S
Preliminary Site Assessment Workplan Submitted:		5/10/1988
Preliminary Site Assessment Began:		8/14/1989
Pollution Characterization Began:		8/14/1989
Remediation Plan Submitted:		12/1/1989
Remedial Action Underway:		1/22/1990
Post Remedial Action Monitoring Began:		2/24/1995
Enforcement Action Date:		5/10/1988

PENNINGTON MFG (Continued) **1000316148**

Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: B A PROPERTIES
RP Address: Not reported
Program: LUST
Lat/Long: 34.1409594 / -1
Local Agency Staff: EHD
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

VENTURA CO. LUST:
Name: PENNINGTON MFG.
Address: 5901 EDISON DR
City: OXNARD
Region: VENTURA
Facility ID: 88058
Status: Case Closed

VENTURA CO. UST:
Name: PENNINGTON MFG.
Address: 5901 EDISON ROAD
City: OXNARD
Facility ID: D 166
Facility Status: Inactive

HIST UST:
Name: CARPINTERIA WELDING INC DBA:
Address: 5901 EDISON DRIVE
City,State,Zip: OXNARD, CA 93033
File Number: 0002c52e
URL: https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002c52e.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported

PENNINGTON MFG (Continued) **1000316148**

Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CERS TANKS:
Name: WWL - VEHICLE SERVICES AMERICAS
Address: 5901 EDISON DRIVE
City,State,Zip: OXNARD, CA 93033
Site ID: 444699
CERS ID: 10201879
CERS Description: Aboveground Petroleum Storage

FINDS:
Registry ID: 110009534931

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER
Registry ID: 110009540862

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000316148
Registry ID: 110009540862
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009540862
Name: BORLA PERFORMANCE INDUSTRIES
Address: 5901 EDISON RD
City,State,Zip: OXNARD, CA 93033

Envid: 1000316148
Registry ID: 110009534931
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009534931

PENNINGTON MFG (Continued) **1000316148**

Name: PENNINGTON MFG
Address: 5901 EDISON DR
City,State,Zip: OXNARD, CA 93033

CORTESE:
Name: PENNINGTON MANUFACTURING
Address: 5901 EDISON RD
City,State,Zip: OXNARD, CA 93030
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0611100056
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

Name: PENNINGTON MFG.
Address: 5901 EDISON DR
City,State,Zip: OXNARD, CA 93030
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0611100308
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:

PENNINGTON MFG (Continued) **1000316148**

Name: PENNINGTON MFG.
Address: 5901 EDISON DR
City,State,Zip: OXNARD, CA 93030
Site ID: 675193
CERS ID: T0611100308
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766714,

Name: WWL - VEHICLE SERVICES AMERICAS
Address: 5901 EDISON DRIVE
City,State,Zip: OXNARD, CA 93033
Site ID: 444699
CERS ID: 10201879
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 444699
Site Name: WWL - Vehicle Services Americas
Violation Date: 12-20-2021
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended.
Violation Notes: Returned to compliance on 12/22/2021.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS,

Site ID: 444699
Site Name: WWL - Vehicle Services Americas
Violation Date: 12-20-2021
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 12/20/2021.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 444699
Site Name: WWL - Vehicle Services Americas
Violation Date: 12-05-2019
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67 , Section(s) 25270.4.5 (a)
Violation Description: Failure to have management or a professional engineer certify the SPCC

PENNINGTON MFG (Continued) **1000316148**

Plan and comply with certification requirements at a qualified facility.
Violation Notes: Returned to compliance on 01/31/2020.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS,

Site ID: 444699
Site Name: WWL - Vehicle Services Americas
Violation Date: 12-18-2013
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 01/14/2014. CERS not submitted.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 444699
Site Name: WWL - Vehicle Services Americas
Violation Date: 12-20-2021
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 12/21/2021.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 444699
Site Name: WWL - Vehicle Services Americas
Violation Date: 12-18-2013
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Training - General
Violation Notes: Returned to compliance on 01/14/2014. Training documentation not available for review during inspection.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 444699
Site Name: WWL - Vehicle Services Americas
Violation Date: 12-05-2019
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 01/31/2020.
Violation Division: Oxnard City CUPA

PENNINGTON MFG (Continued) **1000316148**

Violation Program: HMRRP
Violation Source: CERS,

Site ID: 444699
Site Name: WWL - Vehicle Services Americas
Violation Date: 12-05-2019
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to discuss in the SPCC Plan procedures to test or inspect each aboveground container for integrity in accordance with industry standards: 1. On a regular schedule. 2. After material repairs are made. 3. By qualified personnel. 4. The frequency and type of testing and inspections based on container size, configuration, and design.
Violation Notes: Returned to compliance on 01/31/2020.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS,

Site ID: 444699
Site Name: WWL - Vehicle Services Americas
Violation Date: 12-05-2019
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: "Failure to prepare an SPCC Plan which fulfills all basic requirements that include: 1. The SPCC Plan must be prepared in accordance with good engineering practices. 2. Have full approval of management at a level of authority to commit the necessary resources to fully implement the SPCC Plan. 3. Prepare the SPCC Plan in writing. 4. Follow the sequence of the SPCC rule or include a cross-reference. 5. If the SPCC Plan calls for additional procedures, methods, or equipment not yet fully operational, discuss the items in separate paragraphs."
Violation Notes: Returned to compliance on 01/31/2020.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-29-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Oxnard Fire/CUPA had received invoice for Permit Year 2016/2017 returned. Emails and voicemails to environmental contact were not returned. Chain linked fence was locked, facility signs still up, and appeared that buildings were vacated. Business moved to 610 W. Hueneme Rd about 8 months ago. Permit #07-9950 will be put INACTIVE and Invoice will be canceled.
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-05-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported

PENNINGTON MFG (Continued) **1000316148**

Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-20-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-05-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-20-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-29-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Oxnard Fire/CUPA had received invoice for Permit Year 2016/2017 returned. Emails and voicemails to environmental contact were not returned. Chain linked fence was locked, facility signs still up, and appeared that buildings were vacated. Business moved to 610 W. Hueneme Rd about 8 months ago. Permit #07-9950 will be put INACTIVE and Invoice will be canceled.
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-18-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Wallenius Wilhelmsen Logistics Plan Check #18-3898 final inspection for the installation of a 2000 gallon aboveground tank. SPCC Plan available. Update SPCC Plan within 6 months along with training. Obtain an Oxnard Fire/CUPA Permit for this facility within 30 days by paying invoice for a Hazardous Materials Business Plan Permit and Aboveground Storage Tank Permit. Long onto CERS and provide a complete submittal within 30 days. Change of ownership information provided. Tank tightness test conducted and passed. Required labeling on tank.

PENNINGTON MFG (Continued) **1000316148**

Overfill prevention calibrated and alarm tested. Emergency Shut-Off tested. Obtain Plan Check Permits to install "Click-To-Enter" at gate entrances. Per Eckler on Plans for 18-1254.

Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-18-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-18-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Wallenius Wilhelmsen Logistics Plan Check #18-3898 final inspection for the installation of a 2000 gallon aboveground tank. SPCC Plan available. Update SPCC Plan within 6 months along with training. Obtain an Oxnard Fire/CUPA Permit for this facility within 30 days by paying invoice for a Hazardous Materials Business Plan Permit and Aboveground Storage Tank Permit. Long onto CERS and provide a complete submittal within 30 days. Change of ownership information provided. Tank tightness test conducted and passed. Required labeling on tank. Overfill prevention calibrated and alarm tested. Emergency Shut-Off tested. Obtain Plan Check Permits to install "Click-To-Enter" at gate entrances. Per Eckler on Plans for 18-1254.
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-18-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Mike Wallace
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: Mike Wallace

PENNINGTON MFG (Continued) **1000316148**

Entity Title:	General 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:	Operator
Entity Name:	WWL - Vehicle Services Americas
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:	(805) 488-3050,

Affiliation Type Desc:	CUPA District
Entity Name:	Oxnard Fire Department
Entity Title:	Not reported
Affiliation Address:	360 West Second Street
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	(805) 385-7722,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Linda Wolfkiel
Entity Title:	Not reported
Affiliation Address:	5601 Edison Drive
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93033
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	5901 Edison Drive
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93033
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	WWL - Vehicle Services Americas
Entity Title:	Not reported
Affiliation Address:	5901 Edison Drive
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93033
Affiliation Phone:	(805) 488-3050,

PENNINGTON MFG (Continued) **1000316148**

Affiliation Type Desc:	Parent Corporation
Entity Name:	WWL Vehicle Services Americas, 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:	,

---

101 SW 1/4-1/2 0.473 mi. 2497 ft.

Actual: 12 ft.

Focus Map: 4

COOK COMPOSITES AND POLYMERS CO.
5980 ARCTURUS AVENUE
OXNARD, CA 93033

SEMS-ARCHIVE **1000346599**
RCRA-LQG **CAD087163267**
ENVIROSTOR
VCP
HIST UST
DEED
CHMIRS
RAATS
EMI
HIST CORTESE
Notify 65
WDS
CERS

SEMS Archive:

Site ID:	0901641
EPA ID:	CAD087163267
Name:	KOPPERS CO INC
Address:	5980 ARCTURUS AVE
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93033
Cong District:	19
FIPS Code:	06111
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0901641
EPA ID:	CAD087163267
Site Name:	KOPPERS CO INC
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1990-07-12 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0901641
EPA ID:	CAD087163267
Site Name:	KOPPERS CO INC

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	2
Start Date:	Not reported
Finish Date:	1990-07-12 04:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901641
EPA ID:	CAD087163267
Site Name:	KOPPERS CO INC
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	Not reported
Finish Date:	1986-09-01 04:00:00
Qual:	H
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901641
EPA ID:	CAD087163267
Site Name:	KOPPERS CO INC
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1985-07-01 05:00:00
Finish Date:	1986-02-01 05:00:00
Qual:	H
Current Action Lead:	St Perf

Region:	09
Site ID:	0901641
EPA ID:	CAD087163267
Site Name:	KOPPERS CO INC
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1985-09-01 05:00:00
Finish Date:	1985-09-01 05:00:00
Qual:	Not reported
Current Action Lead:	St Perf

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

RCRA Listings:

Date Form Received by Agency:	20100302
Handler Name:	Cook Composites And Polymers Co.
Handler Address:	5980 ARCTURUS AVENUE
Handler City,State,Zip:	OXNARD, CA 93033
EPA ID:	CAD087163267
Contact Name:	JON SCHUCKMAN
Contact Address:	P.O. BOX 419389
Contact City,State,Zip:	KANSAS CITY, MO 64141-6389
Contact Telephone:	816-391-6324
Contact Fax:	816-391-6093
Contact Email:	SCHUCKMAN@CCPONLINE.COM
Contact Title:	DIR. HSEQ COMPL. ASSUR.
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2009
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	P.O. BOX 419389
Mailing City,State,Zip:	KANSAS CITY, MO 64141-6389
Owner Name:	Cook Composites And Polymers
Owner Type:	Private
Operator Name:	Pauli Mcclanahan
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

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:	20101006
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: D003
Waste Description: Reactive Waste

Waste Code: D008
Waste Description: Lead

Waste Code: D009
Waste Description: Mercury

Waste Code: D035
Waste Description: Methyl Ethyl Ketone

Waste Code: F003
Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: U147
Waste Description: 2,5-Furandione (Or) Maleic Anhydride

Waste Code: U160
Waste Description: 2-Butanone, Peroxide (R,T) (Or) Methyl Ethyl Ketone Peroxide (R,T)

Waste Code: U162
Waste Description: 2-Propenoic Acid, 2-Methyl-, Methyl Ester (I,T) (Or) Methyl Methacrylate (I,T)

Waste Code: U190
Waste Description: 1,3-Isobenzofurandione (Or) Phthalic Anhydride

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: KOPPERS COMPANY INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5980 ARCTURUS AVENUE
Owner/Operator City,State,Zip: CITY NOT REPORTED, CA 99999
Owner/Operator Telephone: 805-488-0831
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COOK COMPOSITES AND POLYMERS CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 919 E 14TH AVE
Owner/Operator City,State,Zip: NORTH KANSAS CITY, MO 64116
Owner/Operator Telephone: 816-391-6000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COOK COMPOSITES AND POLYMERS CO.
Legal Status: Private
Date Became Current: 19950615
Date Ended Current: Not reported
Owner/Operator Address: P.O. BOX 419389
Owner/Operator City,State,Zip: KANSAS CITY, MO 64141-6389
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PATRICIO CUEVA
Legal Status: Private

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Date Became Current: 20070601
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COOK COMPOSITES AND POLYMERS
Legal Status: Private
Date Became Current: 19950615
Date Ended Current: Not reported
Owner/Operator Address: P.O. BOX 419389
Owner/Operator City,State,Zip: KANSAS CITY, MO 64141-6389
Owner/Operator Telephone: 816-391-6000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PAULI MCCLANAHAN
Legal Status: Private
Date Became Current: 20080701
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COOK COMPOSITES AND POLYMERS
Legal Status: Private
Date Became Current: 19950615
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 419389
Owner/Operator City,State,Zip: KANSAS CITY, MO 64141
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RON BERGKAMP
Legal Status: Private
Date Became Current: 20030301
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Owner/Operator Indicator: Owner
Owner/Operator Name: COOK COMPOSITES AND POLYMERS
Legal Status: Private
Date Became Current: 19950615
Date Ended Current: Not reported
Owner/Operator Address: SAME
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RON KRAMER
Legal Status: Private
Date Became Current: 20040401
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20080229
Handler Name: COOK COMPOSITES AND POLYMERS CO.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20100302
Handler Name: COOK COMPOSITES AND POLYMERS CO.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960311
Handler Name: COOK COMPOSITES AND POLYMERS CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ca
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

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: 19960311
Handler Name: COOK COMPOSITES AND POLYMERS CO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Ca
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900405
Handler Name: REICHOLD CHEMICALS/KOPPERS COMPANY INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920221
Handler Name: REICHHOLD CHEMICALS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940322
Handler Name: REICHOLD CHEMICALS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Electronic Manifest Broker: Not reported

Receive Date: 19960307
Handler Name: REICHHOLD CHEMICALS, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990304
Handler Name: COOK COMPOSITES & POLYMERS CO.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001012
Handler Name: COOK COMPOSITES &
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020218
Handler Name: COOK COMPOSITES AND POLYMERS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040223
Handler Name: COOK COMPOSITES AND POLYMERS CO.
Federal Waste Generator Description: Large Quantity Generator

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

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:	20060227
Handler Name:	COOK COMPOSITES AND POLYMERS CO.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	325181
NAICS Description:	ALKALIES AND CHLORINE MANUFACTURING

NAICS Code:	325211
NAICS Description:	PLASTICS MATERIAL AND RESIN MANUFACTURING

NAICS Code:	32551
NAICS Description:	PAINT AND COATING MANUFACTURING

Has the Facility Received Notices of Violations:

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

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

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
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
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

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

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

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

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

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20041026
Actual Return to Compliance Date: 20041116
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 501
Date of Enforcement Action: 20041026
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
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: WRITTEN INFORMAL
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

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Pre-transport

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Date Violation was Determined:	20080423
Actual Return to Compliance Date:	20090224
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20081117
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
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:	WRITTEN INFORMAL
Enforcement Responsible Person:	CSEIT
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

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

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

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

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19831101
Actual Return to Compliance Date:	19840101
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19831101
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
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:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9
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:	19830621
Evaluation Responsible Agency:	EPA

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
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

Evaluation Date:	19890306
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
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

Evaluation Date:	19860224
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9
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

Evaluation Date:	20070212
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20041026
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20041116

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080423
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CSEIT
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090224
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19860224
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
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
Evaluation Date:	19831101
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19840101
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ENVIROSTOR:

Name:	REICHHOLD CHEMICAL INC.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Facility ID:	56280098
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	08/08/2019
Site Code:	301702
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Agreement
Acres:	3.5

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Viktoriya Anashkina
Supervisor:	Jose Diaz
Division Branch:	Cleanup Chatsworth
Assembly:	38
Senate:	21
Special Program:	Voluntary Agreement - Standard Voluntary Agreement
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.14155
Longitude:	-119.1713
APN:	231009313, 2310093135, 2310093155
Past Use:	MANUFACTURING - CHEMICALS
Potential COC:	Benzene Methyl tertbutyl ether (MTBE Xylenes
Confirmed COC:	300 033 001 630 593
Potential Description:	OTH, SOIL
Alias Name:	DIAMOND ALKAL
Alias Type:	Alternate Name
Alias Name:	DIAMOND SHAMROCK (1966-1978)
Alias Type:	Alternate Name
Alias Name:	DIAMOND SHAMROCK CHEMICALS COMPANY
Alias Type:	Alternate Name
Alias Name:	KOPPER
Alias Type:	Alternate Name
Alias Name:	RAY AND JANE BARNARD (TO 1966)
Alias Type:	Alternate Name
Alias Name:	RETIA USA, LLC
Alias Type:	Alternate Name
Alias Name:	231009313
Alias Type:	APN
Alias Name:	2310093135
Alias Type:	APN
Alias Name:	2310093155
Alias Type:	APN
Alias Name:	CAD087163267
Alias Type:	EPA Identification Number
Alias Name:	110000481309
Alias Type:	EPA (FRS #)
Alias Name:	110033606462
Alias Type:	EPA (FRS #)
Alias Name:	301702
Alias Type:	Project Code (Site Code)
Alias Name:	56280098
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Reimbursement Agreement
Completed Date:	04/14/2015
Comments:	RA Agreement Signed and executed

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	No Further Action Letter

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Completed Date: 01/15/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/20/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/27/2019
Comments: Annual Inspection Report approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/29/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 12/14/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 01/15/2008
Comments: Based on the Preliminary Endangerment Assessment Report Addendum dated March 2007, and the Updated Human Health Risk Assessment dated October 10, 2007, DTSC concludes that the soil at the Site poses an acceptable risk for industrial/commercial use and No Further Action is necessary for soil, if the use is limited to commercial or industrial land use. However, the risk is unacceptable for sensitive land use, such as single family homes, schools and day care facilities for children. Accordingly, the implementation of a Land Use Covenant for commercial and/or industrial land use will be necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/15/2008
Comments: Based on information in the above document, DTSC concludes that the soil at the Site poses an acceptable risk for industrial/commercial use and NO Further Action is necessary for soil, if the use is limited to commercial or industrial land use. However, the risk is unacceptable for sensitive land use, such as single family homes, schools, and day care facilities for children. Accordingly, the implementation of a Land Use Covenant for commercial and/or industrial land use will be necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Completed Document Type: Site Screening
Completed Date: 03/22/1996
Comments: On Permitting list, therefore not NFA, should be REFRC, per B. Coler.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/01/1995
Comments: DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/30/1985
Comments: SOURCE ACT: (DIAMOND) A SILICA PT & POLY STER RESIN PT, 0N 1/78 SOLD RESIN PT TO KOPPER'S. (KOPPER)POLYESTER RESIN PORD. WASTE: HAULED TO CASMALIA & KETTLEMAN AFTER NEUTRALIZATION & INCINERATION. YR OF OPER: 10 TAX ASSESSOR-1978 TO PRESENT SUBMIT TO EPA PRELIM ASSESS DONE CERCLA 104

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/26/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 07/31/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/10/2020
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 08/20/2021
Comments: Activity completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/11/2019
Comments: Activity completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/20/2021
Comments: Completed

Completed Area Name: PROJECT WIDE

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/26/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 01/02/2002
Comments: A Voluntary Cleanup Agreement was signed for PEA under Reichhold Chemical.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/25/1980
Comments: FACILITY IDENTIFIED ID OLD ASP Q 1980. WADE QUEST. OPER AT THE SITE FOR 12 YRS. UNK DISP ON/OFF PRE72 & AFTER 72. HAULER : ECOLOGY CONTROL INC(1968-79), REED LAND CLEARING IN VENTURA(1970-79). WASTE : BASE SOLUTION PH<12, SCRUBBER RESIDUAL HEAVY METALS & TRACE METALS(HEXAVALENT CHROMIUM). ORG(HALOGENATED ALIPHATICS, RESINS,POLAR SOLVENTS,HALOGENATED ALPI- PHATIC SOLVENTS,ALCOHOLS,KETONES & ALDE- HYDES. INORG(SALTS).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/09/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/12/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/03/2018
Comments: No comments needed

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Name: REICHHOLD CHEMICAL INC.
Address: 5980 ARCTURUS AVENUE
City,State,Zip: OXNARD, CA 93033
Facility ID: 56280098

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Agreement
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	3.5
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Viktoriya Anashkina
Supervisor:	Jose Diaz
Division Branch:	Cleanup Chatsworth
Site Code:	301702
Assembly:	38
Senate:	21
Special Programs Code:	Voluntary Agreement - Standard Voluntary Agreement
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	08/08/2019
Restricted Use:	YES
Funding:	Responsible Party
Lat/Long:	34.14155 / -119.1713
APN:	231009313, 2310093135, 2310093155
Past Use:	MANUFACTURING - CHEMICALS
Potential COC:	30003, 30016, 30593
Confirmed COC:	300,033,001,630,593
Potential Description:	OTH, SOIL
Alias Name:	DIAMOND ALKAL
Alias Type:	Alternate Name
Alias Name:	DIAMOND SHAMROCK (1966-1978)
Alias Type:	Alternate Name
Alias Name:	DIAMOND SHAMROCK CHEMICALS COMPANY
Alias Type:	Alternate Name
Alias Name:	KOPPER
Alias Type:	Alternate Name
Alias Name:	RAY AND JANE BARNARD (TO 1966)
Alias Type:	Alternate Name
Alias Name:	RETIA USA, LLC
Alias Type:	Alternate Name
Alias Name:	231009313
Alias Type:	APN
Alias Name:	2310093135
Alias Type:	APN
Alias Name:	2310093155
Alias Type:	APN
Alias Name:	CAD087163267
Alias Type:	EPA Identification Number
Alias Name:	110000481309
Alias Type:	EPA (FRS #)
Alias Name:	110033606462
Alias Type:	EPA (FRS #)
Alias Name:	301702
Alias Type:	Project Code (Site Code)
Alias Name:	56280098
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Reimbursement Agreement

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Completed Date: 04/14/2015
Comments: RA Agreement Signed and executed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Further Action Letter
Completed Date: 01/15/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/20/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/27/2019
Comments: Annual Inspection Report approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/29/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 12/14/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 01/15/2008
Comments: Based on the Preliminary Endangerment Assessment Report Addendum dated March 2007, and the Updated Human Health Risk Assessment dated October 10, 2007, DTSC concludes that the soil at the Site poses an acceptable risk for industrial/commercial use and No Further Action is necessary for soil, if the use is limited to commercial or industrial land use. However, the risk is unacceptable for sensitive land use, such as single family homes, schools and day care facilities for children. Accordingly, the implementation of a Land Use Covenant for commercial and/or industrial land use will be necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/15/2008
Comments: Based on information in the above document, DTSC concludes that the soil at the Site poses an acceptable risk for industrial/commercial use and NO Further Action is necessary for soil, if the use is limited to commercial or industrial land use. However, the risk is unacceptable for sensitive land use, such as single family homes,

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

schools, and day care facilities for children. Accordingly, the implementation of a Land Use Covenant for commercial and/or industrial land use will be necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/22/1996
Comments: On Permitting list, therefore not NFA, should be REFRC, per B. Coler.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/01/1995
Comments: DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/30/1985
Comments: SOURCE ACT: (DIAMOND) A SILICA PT & POLY STER RESIN PT, 0N 1/78 SOLD RESIN PT TO KOPPER'S. (KOPPER)POLYESTER RESIN PORD. WASTE: HAULED TO CASMALIA & KETTLEMAN AFTER NEUTRALIZATION & INCINERATION. YR OF OPER: 10 TAX ASSESSOR-1978 TO PRESENT SUBMIT TO EPA PRELIM ASSESS DONE CERCLA 104

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/26/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 07/31/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/10/2020
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 08/20/2021
Comments: Activity completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/11/2019
Comments: Activity completed

Completed Area Name: PROJECT WIDE

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/20/2021
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/26/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 01/02/2002
Comments: A Voluntary Cleanup Agreement was signed for PEA under Reichhold Chemical.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/25/1980
Comments: FACILITY IDENTIFIED ID OLD ASP Q 1980. WADE QUEST. OPER AT THE SITE FOR 12 YRS. UNK DISP ON/OFF PRE72 & AFTER 72. HAULER : ECOLOGY CONTROL INC(1968-79), REED LAND CLEARING IN VENTURA(1970-79). WASTE : BASE SOLUTION PH<12, SCRUBBER RESIDUAL HEAVY METALS & TRACE METALS(HEXAVALENT CHROMIUM). ORG(HALOGENATED ALIPHATICS, RESINS,POLAR SOLVENTS,HALOGENATED ALPI- PHATIC SOLVENTS,ALCOHOLS,KETONES & ALDE- HYDES. INORG(SALTS).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/09/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/12/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/03/2018
Comments: No comments needed

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

HIST UST:

Name:	KOPPERS CO INC
Address:	5980 ARCTURUS AVE
City,State,Zip:	OXNARD, CA 93033
File Number:	0002c9ec
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002c9ec.pdf
Region:	STATE
Facility ID:	00000000646
Facility Type:	Other
Other Type:	POLYESTER RESIN MFG.
Contact Name:	NORMAN F FAHNOA
Telephone:	8054880831
Owner Name:	KOPPERS CO., INC
Owner Address:	KOPPERS BUILDING
Owner City,St,Zip:	PITTSBURG, PA 15219
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1968
Tank Capacity:	00015000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	10
Leak Detection:	Visual

Click here for Geo Tracker PDF:

DEED:

Name:	REICHHOLD CHEMICAL INC.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Envirostor ID:	56280098
Area:	PROJECT WIDE
Sub Area:	Not reported
Site Type:	VOLUNTARY CLEANUP
Status:	CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency:	Not reported
Covenant Uploaded:	Not reported
Deed Date(s):	Not reported
File Name:	Envirostor Land Use Restrictions

CHMIRS:

Name:	Not reported
Address:	5980 ARCTURUS AVE
City,State,Zip:	OXNARD, CA
OES Incident Number:	0965
OES notification:	Not reported
OES Date:	11/17/1993
OES Time:	09:35:00 PM
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	rp
Containment:	Not reported
What Happened:	Not reported
Type:	CHEMICAL
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1993
Agency:	reicghold chemical
Incident Date:	11/17/93 1558
Admin Agency:	Not reported
Amount:	500lbs
Contained:	NO
Site Type:	IND PLT
E Date:	Not reported
Substance:	phthalic anhydride
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	YES
Number of Injuries:	YES
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	rail car off loading line had a blockage, when it was removed the spill occured.

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

RAATS:

Entry No:	1
Facility ID:	CAD087163267
Type:	Not reported
Docket No:	83-15
Region:	09
Issue Date:	06/27/1983
Final Date:	05/11/1983
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	540
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	1 122.22
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	22,500.00
Final Penalty:	1,500.00
Total Prop. Penalty:	22,500.00
Comments:	CONSENT AGREEMENT NOT ON FILE. INFORMATION DERIVED FROM INDEX.

Entry No:	1
Facility ID:	CAD087163267
Type:	Not reported
Docket No:	83-15
Region:	09
Issue Date:	06/27/1983
Final Date:	05/11/1983
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	540
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	2 265.340
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	1,500.00
Total Prop. Penalty:	22,500.00
Comments:	CONSENT AGREEMENT NOT ON FILE. INFORMATION DERIVED FROM INDEX.

EMI:

Name:	KOPPERS COMPANY INC.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	1987
County Code:	56
Air Basin:	SCC
Facility ID:	146
Air District Name:	VEN
SIC Code:	2821
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	69
Reactive Organic Gases Tons/Yr:	52

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	REICHHOLD CHEMICAL INC.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	1990
County Code:	56
Air Basin:	SCC
Facility ID:	146
Air District Name:	VEN
SIC Code:	2821
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	84
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	REICHHOLD CHEMICAL INC.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	1995
County Code:	56
Air Basin:	SCC
Facility ID:	146
Air District Name:	VEN
SIC Code:	2821
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	37
Reactive Organic Gases Tons/Yr:	26
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	COOK COMPOSITES & POLYMERS CO.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	1996
County Code:	56
Air Basin:	SCC
Facility ID:	146
Air District Name:	VEN
SIC Code:	2821
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Not reported

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	COOK COMPOSITES & POLYMERS CO.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	1997
County Code:	56
Air Basin:	SCC
Facility ID:	146
Air District Name:	VEN
SIC Code:	2821
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	COOK COMPOSITES & POLYMERS CO.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	1998
County Code:	56
Air Basin:	SCC
Facility ID:	146
Air District Name:	VEN
SIC Code:	2821
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	13
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	COOK COMPOSITES & POLYMERS CO.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	1999
County Code:	56
Air Basin:	SCC
Facility ID:	146
Air District Name:	VEN

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

SIC Code:	2821
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	COOK COMPOSITES & POLYMERS CO.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	2000
County Code:	56
Air Basin:	SCC
Facility ID:	146
Air District Name:	VEN
SIC Code:	2821
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	8
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	COOK COMPOSITES & POLYMERS CO.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	2001
County Code:	56
Air Basin:	SCC
Facility ID:	146
Air District Name:	VEN
SIC Code:	2821
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	COOK COMPOSITES & POLYMERS CO.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	2002
County Code:	56

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Air Basin:	SCC
Facility ID:	146
Air District Name:	VEN
SIC Code:	2821
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	3
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	COOK COMPOSITES & POLYMERS CO.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	2003
County Code:	56
Air Basin:	SCC
Facility ID:	146
Air District Name:	VEN
SIC Code:	2821
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	3
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	COOK COMPOSITES & POLYMERS CO.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	2004
County Code:	56
Air Basin:	SCC
Facility ID:	146
Air District Name:	VEN
SIC Code:	2821
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	15.918
Reactive Organic Gases Tons/Yr:	6.667
Carbon Monoxide Emissions Tons/Yr:	2.505
NOX - Oxides of Nitrogen Tons/Yr:	2.981
SOX - Oxides of Sulphur Tons/Yr:	0.014
Particulate Matter Tons/Yr:	0.622
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.42

Name:	COOK COMPOSITES & POLYMERS CO.
Address:	5980 ARCTURUS AVENUE

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

City,State,Zip:	OXNARD, CA 93033
Year:	2005
County Code:	56
Air Basin:	SCC
Facility ID:	146
Air District Name:	VEN
SIC Code:	2821
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	14.936
Reactive Organic Gases Tons/Yr:	5.837
Carbon Monoxide Emissions Tons/Yr:	2.048
NOX - Oxides of Nitrogen Tons/Yr:	2.438
SOX - Oxides of Sulphur Tons/Yr:	.018
Particulate Matter Tons/Yr:	.639
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.4125

Name:	COOK COMPOSITES & POLYMERS CO.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	2006
County Code:	56
Air Basin:	SCC
Facility ID:	146
Air District Name:	VEN
SIC Code:	2821
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	15.1504108
Reactive Organic Gases Tons/Yr:	6.02719985
Carbon Monoxide Emissions Tons/Yr:	2.46162
NOX - Oxides of Nitrogen Tons/Yr:	2.9305
SOX - Oxides of Sulphur Tons/Yr:	.017583
Particulate Matter Tons/Yr:	.617718
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.420218

Name:	COOK COMPOSITES & POLYMERS CO.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93725
Year:	2007
County Code:	56
Air Basin:	SCC
Facility ID:	146
Air District Name:	VEN
SIC Code:	2821
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	19.76658545
Reactive Organic Gases Tons/Yr:	10.66052925
Carbon Monoxide Emissions Tons/Yr:	2.55234
NOX - Oxides of Nitrogen Tons/Yr:	3.0385
SOX - Oxides of Sulphur Tons/Yr:	.018231
Particulate Matter Tons/Yr:	.624926
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.427926

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Name:	COOK COMPOSITES & POLYMERS CO.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	2008
County Code:	56
Air Basin:	SCC
Facility ID:	146
Air District Name:	VEN
SIC Code:	2821
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	N
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.374
Reactive Organic Gases Tons/Yr:	1.19618
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.255
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.1275

Name:	COOK COMPOSITES & POLYMERS CO.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	2009
County Code:	56
Air Basin:	SCC
Facility ID:	146
Air District Name:	VEN
SIC Code:	2821
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	N
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	COOK COMPOSITES & POLYMERS CO.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Year:	2010
County Code:	56
Air Basin:	SCC
Facility ID:	146
Air District Name:	VEN
SIC Code:	2821
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	N
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

HIST CORTESE:

edr_fname:	KOPPERS COMPANY, INC
edr_fadd1:	5980 ARCTURUS
City,State,Zip:	OXNARD, CA 93033
Region:	CORTESE
Facility County Code:	56
Reg By:	CALSI
Reg Id:	56280098

NOTIFY 65:

Name:	KOPPERS COMPANY, INC
Address:	5980 ARCTURUS AVE.
City,State,Zip:	OXNARD, CA 90845
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

Name:	KOPPERS COMPANY, INC
Address:	5980 ARCTURUS AVE.
City,State,Zip:	OXNARD, CA 90845
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

WDS:

Name:	COOK COMPOSITES & POLYMERS
Address:	5980 ARCTURUS AVE
City:	OXNARD
Facility ID:	4 56I012454
Facility Type:	Not reported
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	Not reported
Facility Contact:	Not reported
Agency Name:	COOK COMPOSITES & POLYMERS
Agency Address:	Not reported
Agency City,St,Zip:	0
Agency Contact:	Not reported

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Agency Telephone:	Not reported
Agency Type:	Not reported
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CERS:

Name:	COOK COMPOSITES & POLYMERS CO.
Address:	5980 ARCTURUS AVE.
City,State,Zip:	OXNARD, CA 93033
Site ID:	462334
CERS ID:	110000481309
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	MR RON KRAMER
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Public Contact
Entity Name:	JON SCHUCKMAN
Entity Title:	Not reported
Affiliation Address:	POBOX 419389
Affiliation City:	KANSASCITY
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

COOK COMPOSITES AND POLYMERS CO. (Continued) **1000346599**

Affiliation Type Desc:	Environmental Contact
Entity Name:	JON SCHUCKMAN
Entity Title:	DIR. HSEQ COMPL. ASSUR.
Affiliation Address:	POBOX 419389
Affiliation City:	KANSAS
Affiliation State:	MO
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Name:	COOK COMPOSITES AND POLYMERS C O.
Address:	5980 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Site ID:	107946
CERS ID:	93033KPPRS5980A
CERS Description:	Toxic Release Inventory

Affiliation:

Affiliation Type Desc:	Company Official
Entity Name:	JON SCHUCKMAN
Entity Title:	DIRECTOR HSE COMPLIANCE ASSURANCE
Affiliation Address:	PO BOX 419389
Affiliation City:	KANSAS CITY
Affiliation State:	MO
Affiliation Country:	Not reported
Affiliation Zip:	93033
Affiliation Phone:	,

Affiliation Type Desc:	Parent Company
Entity Name:	COOK COMPOSITES AND POLYMERS CO.
Entity Title:	Not reported
Affiliation Address:	PO BOX 419389
Affiliation City:	KANSAS CITY
Affiliation State:	MO
Affiliation Country:	Not reported
Affiliation Zip:	93033
Affiliation Phone:	,

Affiliation Type Desc:	Public Contact
Entity Name:	JON SCHUCKMAN
Entity Title:	Not reported
Affiliation Address:	PO BOX 419389
Affiliation City:	KANSAS CITY
Affiliation State:	MO
Affiliation Country:	Not reported
Affiliation Zip:	93033
Affiliation Phone:	8163916324,

Affiliation Type Desc:	Technical Contact
Entity Name:	JON SCHUCKMAN
Entity Title:	Not reported
Affiliation Address:	PO BOX 419389
Affiliation City:	KANSAS CITY
Affiliation State:	MO
Affiliation Country:	Not reported
Affiliation Zip:	93033
Affiliation Phone:	8163916324,

T102 South 1/4-1/2 0.473 mi. 2497 ft. | **KAISER ALUMINUM 1001 MCWANE BLVD OXNARD, CA 93030** | **LUST CERS** | **S107619823 N/A**

Site 1 of 2 in cluster T

Actual: 13 ft.

Focus Map: 4

VENTURA CO. LUST:

Name:	KAISER ALUMINUM
Address:	1001 MCWANE BLVD
City:	OXNARD
Region:	VENTURA
Facility ID:	SR011
Status:	Case Closed

CERS:

Name:	KAISER ALUMINUM
Address:	1001 MCWANE BLVD
City,State,Zip:	OXNARD, CA 93030
Site ID:	662928
CERS ID:	T0611129375
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	ERIN K. O'CONNELL - VENTURA COUNTY
Entity Title:	Not reported
Affiliation Address:	800 S. VICTORIA AVE
Affiliation City:	VENTURA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766714,

T103 South 1/4-1/2 0.473 mi. 2497 ft. | **ALUMINUM PRECISION PROD 1001 MCWANE BLVD OXNARD, CA 93033** | **ENVIROSTOR CPS-SLIC CHMIRS NPDES WDS CIWQS CERS** | **S105645591 N/A**

Site 2 of 2 in cluster T

Actual: 13 ft.

Focus Map: 4

ENVIROSTOR:

Name:	KAISER ALUMINUM FACILITY
Address:	1001 MCWANE BOULEVARD
City,State,Zip:	OXNARD, CA 93033
Facility ID:	56330012
Status:	Refer: 1248 Local Agency
Status Date:	04/27/2004
Site Code:	Not reported

ALUMINUM PRECISION PROD (Continued) **S105645591**

Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Cypress
Assembly:	38
Senate:	21
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not Applicable
Latitude:	34.14170
Longitude:	-119.1684
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	110000481318
Alias Type:	EPA (FRS #)
Alias Name:	56330012
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

CPS-SLIC:

Name:	KAISER ALUMINUM
Address:	1001 MCWANE BLVD
City,State,Zip:	OXNARD, CA 93030
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	07/10/2006
Global Id:	T0611129375
Lead Agency:	VENTURA COUNTY
Lead Agency Case Number:	SR0001117
Latitude:	34.141702
Longitude:	-119.168428
Case Type:	Cleanup Program Site

ALUMINUM PRECISION PROD (Continued) **S105645591**

Case Worker:	EKO
Local Agency:	VENTURA COUNTY
RB Case Number:	Not reported
File Location:	Local Agency Warehouse
Potential Media Affected:	Under Investigation
Potential Contaminants of Concern:	Tetrachloroethylene (PCE)
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	03/19/2004
Leak Reported Date:	03/06/2006
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	07/10/2006
CA Water Watershed Name:	Oxnard (410.00)
Dwr Groundwater Subbasin Name:	Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	91-95%
CA Enviroscreen 4 Score:	85-90%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	LOS ANGELES RWQCB (REGION 4)
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CHMIRS:

Name:	Not reported
Address:	1001 MCWANE BLVD
City,State,Zip:	OXNARD, CA 93033
OES Incident Number:	14068
OES notification:	Not reported
OES Date:	6/5/1996
OES Time:	04:17:21 PM
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported

ALUMINUM PRECISION PROD (Continued) **S105645591**

Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	not feasible
Containment:	Not reported
What Happened:	Not reported
Type:	VAPOR
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1996
Agency:	kaiser aluminum
Incident Date:	0730 05Jun96
Admin Agency:	Not reported
Amount:	5 gals
Contained:	NO
Site Type:	Not reported
E Date:	Not reported
Substance:	nitric acid vapor
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	YES
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	the mixer was not turned on when the chemical additions were made resulting in a grn cloud release. 35 employees evacuated, all employees were allowed to returned at 1000 hrs

NPDES:

Name:	ALUMINUM PRECISION PROD
Address:	1001 MCWANE BLVD
City,State,Zip:	OXNARD, CA 93033
Facility Status:	Active
NPDES Number:	CAS000001
Region:	4
Agency Number:	0
Regulatory Measure ID:	192810
Place ID:	Not reported

ALUMINUM PRECISION PROD (Continued) **S105645591**

Order Number:	97-03-DWQ
WDID:	4 56I017709
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/26/2002
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	3333 W Warner Ave
Discharge Name:	Aluminum Precision Products
Discharge City:	Santa Ana
Discharge State:	California
Discharge Zip:	92704
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	192810
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 56I017709
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	12/26/2002
Status:	Active
Status Date:	12/26/2002
Place Size:	15
Place Size Unit:	Acres
Contact:	Angelo Zandona
Contact Title:	Accounting Supervisor
Contact Phone:	805-488-4401
Contact Phone Ext:	Not reported
Contact Email:	azandona@aluminumprecision.com
Operator Name:	Aluminum Precision Products
Operator Address:	3333 W Warner Ave
Operator City:	Santa Ana
Operator State:	California
Operator Zip:	92704
Operator Contact:	Debabrata Mishra

ALUMINUM PRECISION PROD (Continued) **S105645591**

Operator Contact Title:	Not reported
Operator Contact Phone:	714-427-3389
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	dmishra@aluminumprecision.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	805-488-4401
Emergency Phone Ext:	5246
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Pacific Ocean
Certifier:	Debabrata Mishra
Certifier Title:	Genaral Manager
Certification Date:	28-MAY-15
Primary Sic:	3463-Nonferrous Forgings
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	192810
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 56I017709
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/26/2002
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Aluminum Precision Products
Discharge Address:	3333 W Warner Ave
Discharge City:	Santa Ana

ALUMINUM PRECISION PROD (Continued) **S105645591**

Discharge State:	California
Discharge Zip:	92704
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported

ALUMINUM PRECISION PROD (Continued) **S105645591**

Tertiary Sic: Not reported

Name:	ALUMINUM PRECISION PROD
Address:	1001 MCWANE BLVD
City,State,Zip:	OXNARD, CA 93033
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 56I017709
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	12/26/2002
Operator Name:	Aluminum Precision Products
Operator Address:	3333 W Warner Ave
Operator City:	Santa Ana
Operator State:	California
Operator Zip:	92704

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	192810
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 56I017709
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	12/26/2002
Status:	Active
Status Date:	12/26/2002
Place Size:	15

ALUMINUM PRECISION PROD (Continued) **S105645591**

Place Size Unit:	Acres
Contact:	Angelo Zandona
Contact Title:	Accounting Supervisor
Contact Phone:	805-488-4401
Contact Phone Ext:	Not reported
Contact Email:	azandona@aluminumprecision.com
Operator Name:	Aluminum Precision Products
Operator Address:	3333 W Warner Ave
Operator City:	Santa Ana
Operator State:	California
Operator Zip:	92704
Operator Contact:	Debabrata Mishra
Operator Contact Title:	Not reported
Operator Contact Phone:	714-427-3389
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	dmishra@aluminumprecision.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	805-488-4401
Emergency Phone Ext:	5246
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Pacific Ocean
Certifier:	Debabrata Mishra
Certifier Title:	Genaral Manager
Certification Date:	28-MAY-15
Primary Sic:	3463-Nonferrous Forgings
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	192810

ALUMINUM PRECISION PROD (Continued) **S105645591**

Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 56I017709
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/26/2002
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Aluminum Precision Products
Discharge Address:	3333 W Warner Ave
Discharge City:	Santa Ana
Discharge State:	California
Discharge Zip:	92704
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported

ALUMINUM PRECISION PROD (Continued) **S105645591**

Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WDS:

Name:	ALUMINUM PRECISION PROD
Address:	1001 McWane Blvd
City:	OXNARD
Facility ID:	4 56I017709
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	8054884401
Facility Contact:	KIEFFER WALLACE
Agency Name:	ALUMINUM PRECISION PROD
Agency Address:	3333 W Warner Ave
Agency City,St,Zip:	Santa Ana 927045316
Agency Contact:	KEELER P S
Agency Telephone:	7145468125
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to

ALUMINUM PRECISION PROD (Continued) **S105645591**

represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name:	ALUMINUM PRECISION PROD
Address:	1001 MCWANE BLVD
City,State,Zip:	OXNARD, CA 93033
Agency:	Aluminum Precision Products
Agency Address:	3333 W Warner Ave, Santa Ana, CA 92704
Place/Project Type:	Industrial - Nonferrous Forgings
SIC/NAICS:	3463
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 56I017709
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	12/26/2002
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.14014
Longitude:	-119.1677

CERS:

Name:	ALUMINUM PRECISION PROD
Address:	1001 MCWANE BLVD
City,State,Zip:	OXNARD, CA 93033
Site ID:	525970
CERS ID:	207516
CERS Description:	Industrial Facility Storm Water

Violations:

Site ID:	525970
Site Name:	Aluminum Precision Prod
Violation Date:	08-06-2003
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Deficient BMP Implementation
Violation Notes:	Ineffective BMPs: parts storage, spill prevention, waste fluid storage, general housekeeping.
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS,
Site ID:	525970

ALUMINUM PRECISION PROD (Continued) **S105645591**

Site Name: Aluminum Precision Prod
Violation Date: 02-05-2009
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient BMP Implementation
Violation Notes: 0.22 & 0.13 mg/L of Zn were detected at the sample locations, West Storm Drain East Storm Drain, on 2/5/2009.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 525970
Site Name: Aluminum Precision Prod
Violation Date: 10-06-2017
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SWPPP
Violation Notes: NOV issued for failure to develop a complete SWPPP in accordance with the Industrial Stormwater General Permit Order No. 2014-0057-DWQ.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 525970
Site Name: Aluminum Precision Prod
Violation Date: 08-06-2003
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient BMP Implementation
Violation Notes: Numerous SWPPP deficiencies. No monitoring plan onsite.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Evaluation:
Eval General Type: Case Development Inspection
Eval Date: 01-14-2004
Violations Found: No
Eval Type: Industrial Storm Water Enforcement Follow-up
Eval Notes: All viols specified on 08/12/03 NOV letter were corrected. Revised SWPPP was received, includes all missing items as copies of employee training certification, copies of spills/leasks and monitoring plan.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS,

Enforcement Action:
Site ID: 525970
Site Name: Aluminum Precision Prod
Site Address: 1001 MCWANE BLVD
Site City: OXNARD
Site Zip: 93033
Enf Action Date: 02-16-2010
Enf Action Type: Staff Enforcement Letter
Enf Action Description: Staff Enforcement Letter
Enf Action Notes: The letter, AR Review - Benchmark Exceedance, was sent to ensure that the permittee will develop and implement the BMPs to reduce or prevent pollutants in SW discharges. Letter also required permittee to submit evidence of implemented additional BMPs and SWPPP amendments if the

ALUMINUM PRECISION PROD (Continued) **S105645591**

	permittee is already implementing the BMPs.
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,

Site ID:	525970
Site Name:	Aluminum Precision Prod
Site Address:	1001 MCWANE BLVD
Site City:	OXNARD
Site Zip:	93033
Enf Action Date:	10-06-2017
Enf Action Type:	Notice of Violation
Enf Action Description:	Notice of Violation
Enf Action Notes:	NOV Issued for failure to develop a complete SWPPP in accordance with the Industrial Stormwater General Permit Order No. 2014-0057-DWQ.
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,

Site ID:	525970
Site Name:	Aluminum Precision Prod
Site Address:	1001 MCWANE BLVD
Site City:	OXNARD
Site Zip:	93033
Enf Action Date:	08-12-2003
Enf Action Type:	Notice of Violation
Enf Action Description:	Notice of Violation
Enf Action Notes:	NOV sent 8/12/03 for noncompliance with industrial stormwater permit.
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Aluminum Precision Products
Entity Title:	Operator
Affiliation Address:	3333 W Warner Ave
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92704
Affiliation Phone:	,

U104 **RADAR L35 CP SITE** **ENVIROSTOR** **S107737120**
South **N/A**
1/4-1/2 **PT HUENEME, CA**
0.484 mi.
2555 ft. **Site 1 of 2 in cluster U**

Actual:
16 ft.

Focus Map:
5

ENVIROSTOR:

Name:	RADAR L35 CP SITE
Address:	Not reported
City,State,Zip:	PT HUENEME, CA
Facility ID:	80000429
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005

RADAR L35 CP SITE (Continued) **S107737120**

Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	38
Senate:	21
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	34.14
Longitude:	-119.1513
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F557500
Alias Type:	Federal Facility ID
Alias Name:	J09CA0566
Alias Type:	INPR
Alias Name:	80000429
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

U105 **RADAR SITE L35 CAMP SITE** **FUDS** **1024903628**
South **N/A**
1/4-1/2 **PORT HUENEME, CA**
0.484 mi.
2555 ft. **Site 2 of 2 in cluster U**

Actual:
16 ft.

Focus Map:
5

FUDS:

EPA Region:	09
Installation ID:	CA99799F557500
Congressional District Number:	26
Name:	RADAR SITE L35 CAMP SITE

RADAR SITE L35 CAMP SITE (Continued) **1024903628**

FUDS Number:	J09CA0566
City:	PORT HUENEME
State:	CA
County:	VENTURA
Object ID:	2760
USACE Division:	SPD
USACE District:	Los Angeles District (SPL)
Status:	Properties without projects
Current Owner:	OTHER: OTHER
EMS Map Link:	https://fudsportal.usace.army.mil/ems/inventory/map?id=61165
Eligibility:	Ineligible
Has Projects:	No
NPL Status:	Not reported
Project Required:	No
Feature Description:	Not reported
Latitude:	34.14
Longitude:	-119.15138889

---

106 SSW 1/2-1 0.535 mi. 2827 ft. | **OCCIDENTAL CHEMICAL CORPORATION 6000 ARCTURUS AVENUE OXNARD, CA 93033** | **ENVIROSTOR VCP EMI** | **1000725978 N/A**

Actual: 13 ft.

Focus Map: 4

ENVIROSTOR:

Name:	OCCIDENTAL CHEMICAL CORPORATION
Address:	6000 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Facility ID:	56280001
Status:	No Further Action
Status Date:	02/27/1997
Site Code:	300597
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Agreement
Acres:	6
NPL:	NO
Regulatory Agencies:	DTSC
Lead Agency:	DTSC
Program Manager:	Not reported
Supervisor:	* Harlan Jeche
Division Branch:	Cleanup Chatsworth
Assembly:	38
Senate:	21
Special Program:	Voluntary Agreement - Standard Voluntary Agreement
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.14107
Longitude:	-119.1703
APN:	231009315
Past Use:	MANUFACTURING - OTHER
Potential COC:	* OIL/WATER SEPARATION SLUDGE
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL, SV
Alias Name:	BARNARD, RAY & JANE
Alias Type:	Alternate Name
Alias Name:	DIAMOND SHAMROCK CHEMICAL COMPANY
Alias Type:	Alternate Name

OCCIDENTAL CHEMICAL CORPORATION (Continued) **1000725978**

Alias Name: OXYCHEM
Alias Type: Alternate Name
Alias Name: 231009315
Alias Type: APN
Alias Name: CAD044422327
Alias Type: EPA Identification Number
Alias Name: 110001155268
Alias Type: EPA (FRS #)
Alias Name: 300597
Alias Type: Project Code (Site Code)
Alias Name: 56280001
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 04/01/1985
Comments: 1984 ASP QUESTIONNAIRE: 1966-1978 DIAMOND RAN POLYESTER RESIN PT & SODIUM SILICATE PT. IN 1978 POLYESTER 1) SOURCE ACT: MFG SODIUM SILICATE WAS SOLD TO KOPPERS CO (#56-28-0098) 2)YR OF OPER: 1966 TO PRESENT 3)WASTE TYPE: SODIUM CARBONATE 4)FAC TYPE: 1500 TO 12000GAL TANKS INCIDENT: 1966-1969 10 TO 20T SOLID SODA ASH BURIED IN SHALLOW DITCH (ONLY ONCE) SUBMIT TO EPA PRELIM ASSESS DONE CERCLA 104

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/27/1997
Comments: The PEA was completed and a No Further Action letter for investigation and remediation of hazardous substances was sent to Occidental Chemical Company. However, potential upgradient offsite sources of acetone and benzene were identified.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 09/21/1995
Comments: The Department received a referral from the RWQCB. Also, DTSC received a Preliminary Site Investigation Report from RP. The report indicates that the site is contaminated. Staff's contact with Ventura County Environmental Health indicates that the site is an active Generator. Therefore, DTSC is referring the site to the County.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/15/1994
Comments: CALSITES VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 05/02/1996
Comments: DTSC and Occidental Chemical Corp. entered into a Volunta Cleanup Agreement for a Preliminary Endangerment Assessme for this site where sodium silicate glasses were produced until July 1995.

OCCIDENTAL CHEMICAL CORPORATION (Continued) **1000725978**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	04/01/1979
Comments:	FACILITY IDENTIFIED ON ECKHARDT LIST
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

VCP:

Name:	OCCIDENTAL CHEMICAL CORPORATION
Address:	6000 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 93033
Facility ID:	56280001
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Agreement
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	6
National Priorities List:	NO
Cleanup Oversight Agencies:	DTSC
Lead Agency:	DTSC
Lead Agency Description:	* DTSC
Project Manager:	Not reported
Supervisor:	* Harlan Jeche
Division Branch:	Cleanup Chatsworth
Site Code:	300597
Assembly:	38
Senate:	21
Special Programs Code:	Voluntary Agreement - Standard Voluntary Agreement
Status:	No Further Action
Status Date:	02/27/1997
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	34.14107 / -119.1703
APN:	231009315
Past Use:	MANUFACTURING - OTHER
Potential COC:	10060
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL, SV
Alias Name:	BARNARD, RAY & JANE
Alias Type:	Alternate Name
Alias Name:	DIAMOND SHAMROCK CHEMICAL COMPANY
Alias Type:	Alternate Name
Alias Name:	OXYCHEM
Alias Type:	Alternate Name
Alias Name:	231009315
Alias Type:	APN
Alias Name:	CAD044422327
Alias Type:	EPA Identification Number
Alias Name:	110001155268

OCCIDENTAL CHEMICAL CORPORATION (Continued) **1000725978**

Alias Type: EPA (FRS #)
Alias Name: 300597
Alias Type: Project Code (Site Code)
Alias Name: 56280001
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 04/01/1985
Comments: 1984 ASP QUESTIONNAIRE: 1966-1978 DIAMOND RAN POLYESTER RESIN PT & SODIUM SILICATE PT. IN 1978 POLYESTER 1) SOURCE ACT: MFG SODIUM SILICATE WAS SOLD TO KOPPERS CO (#56-28-0098) 2)YR OF OPER: 1966 TO PRESENT 3)WASTE TYPE: SODIUM CARBONATE 4)FAC TYPE: 1500 TO 12000GAL TANKS INCIDENT: 1966-1969 10 TO 20T SOLID SODA ASH BURIED IN SHALLOW DITCH (ONLY ONCE) SUBMIT TO EPA PRELIM ASSESS DONE CERCLA 104

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/27/1997
Comments: The PEA was completed and a No Further Action letter for investigation and remediation of hazardous substances was sent to Occidental Chemical Company. However, potential upgradient offsite sources of acetone and benzene were identified.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 09/21/1995
Comments: The Department received a referral from the RWQCB. Also, DTSC received a Preliminary Site Investigation Report from RP. The report indicates that the site is contaminated. Staff's contact with Ventura County Environmental Health indicates that the site is an active Generator. Therefore, DTSC is referring the site to the County.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/15/1994
Comments: CALSITES VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 05/02/1996
Comments: DTSC and Occidental Chemical Corp. entered into a Volunta Cleanup Agreement for a Preliminary Endangerment Assessme for this site where sodium silicate glasses were produced until July 1995.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 04/01/1979
Comments: FACILITY IDENTIFIED ON ECKHARDT LIST

Future Area Name: Not reported

OCCIDENTAL CHEMICAL CORPORATION (Continued) **1000725978**

Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

EMI:

Name:	OCCIDENTAL ELECTROCHEMICALS
Address:	6000 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 930300000
Year:	1987
County Code:	56
Air Basin:	SCC
Facility ID:	147
Air District Name:	VEN
SIC Code:	2819
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	17
SOX - Oxides of Sulphur Tons/Yr:	4
Particulate Matter Tons/Yr:	13
Part. Matter 10 Micrometers and Smllr Tons/Yr:	8

Name:	OCCIDENTAL ELECTROCHEMICALS
Address:	6000 ARCTURUS AVENUE
City,State,Zip:	OXNARD, CA 930300000
Year:	1990
County Code:	56
Air Basin:	SCC
Facility ID:	147
Air District Name:	VEN
SIC Code:	2819
Air District Name:	VENTURA COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	7
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	13
Part. Matter 10 Micrometers and Smllr Tons/Yr:	8

107 West 1/2-1 0.674 mi. 3559 ft. | **TESORO PETROLEUM CORPORATION**
150 HUENEME ROAD
PORT HUENEME, CA 93041 | **ENVIROSTOR** | **S101482877**
N/A

Actual: 15 ft.

Focus Map: 1

ENVIROSTOR:

Name:	TESORO PETROLEUM CORPORATION
Address:	150 HUENEME ROAD
City,State,Zip:	PORT HUENEME, CA 93041
Facility ID:	56290174
Status:	Refer: RWQCB
Status Date:	08/31/1995
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Chatsworth
Assembly:	38
Senate:	21
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.14750
Longitude:	-119.1790
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	TESORO PEDCO TANK FARM
Alias Type:	Alternate Name
Alias Name:	56290174
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	07/17/1991
Comments:	The Tesoro Petroleum Distributing Company operates a fuel transfer and storage facility in Port Hueneme, CA. In early November of 1989, a diesel spill occured from storage tank #1. The affected soil was excavated and temporarily placed in three waste bins and 18 drums by Tesoro Personnel pending a chemical characterization of the soil. State recommends low priority PEA.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	04/30/1990
Comments:	Ventura County Environmental Health Dept referred this site to DHS and LARWQCB.

TESORO PETROLEUM CORPORATION (Continued) **S101482877**

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

---

108 WSW 1/2-1 0.972 mi. 5130 ft.

Actual: 11 ft.

Focus Map: 4

HALLIBURTON ENERGY SERVICES
5800 PERKINS RD
OXNARD, CA

ENVIROSTOR **U002244171**
LUST **N/A**
CPS-SLIC
UST
HIST CORTESE
NPDES
CIWQS
CERS

ENVIROSTOR:

Name:	STAUFFER CHEMICAL COMPANY
Address:	5800 PERKINS ROAD
City,State,Zip:	OXNARD, CA 93033
Facility ID:	56280099
Status:	No Further Action
Status Date:	06/30/1985
Site Code:	400264
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	0
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Chatsworth
Assembly:	38
Senate:	21
Special Program:	* Site Char & Assess Grant (CERCLA 104)
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.14387
Longitude:	-119.1829
APN:	231009203
Past Use:	MANUFACTURING - CHEMICALS
Potential COC:	* OTHER ORGANIC SOLIDS * AQUEOUS SOLUTION WITH METALS * OTHER INORGANIC SOLID WASTE * UNSPECIFIED ORGANIC LIQUID MIXTURE
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	HALLIBURTON SERVICES(1982-PRESENT)
Alias Type:	Alternate Name
Alias Name:	OCEAN LABS (PRE 1973)
Alias Type:	Alternate Name
Alias Name:	231009203
Alias Type:	APN
Alias Name:	CAD076207935
Alias Type:	EPA Identification Number

HALLIBURTON ENERGY SERVICES (Continued) **U002244171**

Alias Name: 400264
Alias Type: Project Code (Site Code)
Alias Name: 56280099
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/07/1994
Comments: CALSITES VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/30/1985
Comments: SOURCE ACT: T/C STAUFFER, 3/1/85-HARVST & PROCESS SEA KELP. FINAL STRATEGY TO CO ENVR HLTH SUBMIT TO EPA PRELIM ASSESS DONE CERCLA 104

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/18/1980
Comments: FACILITY IDENTIFIED ID FROM Q & 1979 ECKHART SURVEY WASTES TAKEN TO SIMI SANITARY LANDFILL & CARNEY & SON LDFL INC BY CROSBY & OVERTN (1975-79), & E.J. HARRISON & SONS INC. WASTE: HEAVY METALS,TRACE METALS,INDUST ORG CHEM, & INORG. PRE LOC OF HALLIBURTN SEE FILE #56-36-0006. (OCEAN)PROD & HARVEST SEA KELPS. (STAUFFER)FOOD INGRED IENTS DIVISION.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Ventura
Facility Id: C-94019
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: 94019
Case Type: Groundwater
Abatement Method Used at the Site: Excavate and Dispose
Global ID: T0611100881
W Global ID: Not reported
Staff: UNK
Local Agency: 56000L
Cross Street: Not reported
Enforcement Type: EF

HALLIBURTON ENERGY SERVICES (Continued) **U002244171**

Date Leak Discovered:	3/14/1994	
Date Leak First Reported:		3/14/1994
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	3/14/1994	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		10/16/1996
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		2497.036546393882774110538179 1
Source of Cleanup Funding:		F
Preliminary Site Assessment Workplan Submitted:		4/28/1994
Preliminary Site Assessment Began:		1/18/1995
Pollution Characterization Began:		1/18/1995
Remediation Plan Submitted:		1/10/1996
Remedial Action Underway:		10/23/1995
Post Remedial Action Monitoring Began:		10/15/1996
Enforcement Action Date:		4/28/1994
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	HALLIBURTON ENERGY SERVICES	
RP Address:	Not reported	
Program:	LUST	
Lat/Long:	34.1431603 / -1	
Local Agency Staff:	EHD	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

VENTURA CO. LUST:

Name:	HALLIBURTON ENERGY SERVICES
Address:	5800 PERKINS RD
City:	OXNARD
Region:	VENTURA
Facility ID:	94019
Status:	Case Closed

LUST:

Name:	HALLIBURTON ENERGY SERVICES
Address:	5800 PERKINS RD
City,State,Zip:	OXNARD, CA 93033
Lead Agency:	VENTURA COUNTY

HALLIBURTON ENERGY SERVICES (Continued) **U002244171**

Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611100881
Global Id:	T0611100881
Latitude:	34.1431603
Longitude:	-119.1838102
Status:	Completed - Case Closed
Status Date:	10/16/1996
Case Worker:	Not reported
RB Case Number:	C-94019
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	94019
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	* Historical Geocode - Exact Address Match
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	03/14/1994
Leak Reported Date:	03/14/1994
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	10/16/1996
CA Water Watershed Name:	Oxnard (410.00)
Dwr Groundwater Subbasin Name:	Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	91-95%
CA Enviroscreen 4 Score:	85-90%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	LOS ANGELES RWQCB (REGION 4)
Site History:	Not reported

LUST:

Global Id:	T0611100881
Contact Type:	Regional Board Caseworker
Contact Name:	DANIEL PIROTTON
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	dpirotton@waterboards.ca.gov
Phone Number:	2135766714

LUST:

Global Id:	T0611100881
Action Type:	ENFORCEMENT
Date:	04/28/1994
Action:	* Historical Enforcement

Global Id:	T0611100881
Action Type:	Other
Date:	03/14/1994
Action:	Leak Reported

HALLIBURTON ENERGY SERVICES (Continued) **U002244171**

Global Id: T0611100881
Action Type: Other
Date: 03/14/1994
Action: Leak Discovery

LUST:
Global Id: T0611100881
Status: Open - Case Begin Date
Status Date: 03/14/1994

Global Id: T0611100881
Status: Open - Site Assessment
Status Date: 03/14/1994

Global Id: T0611100881
Status: Open - Site Assessment
Status Date: 04/28/1994

Global Id: T0611100881
Status: Open - Site Assessment
Status Date: 01/18/1995

Global Id: T0611100881
Status: Open - Remediation
Status Date: 10/23/1995

Global Id: T0611100881
Status: Open - Remediation
Status Date: 01/10/1996

Global Id: T0611100881
Status: Open - Verification Monitoring
Status Date: 10/15/1996

Global Id: T0611100881
Status: Completed - Case Closed
Status Date: 10/16/1996

SLIC REG 4:
Region: 4
Facility Status: No further action required
SLIC: 0567
Substance: VOCs
Staff: Not reported

CPS-SLIC:
Name: HALLIBURTON ENERGY CORP
Address: 5800 PERKINS RD
City,State,Zip: OXNARD, CA
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 12/01/1998
Global Id: SL184411424
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported

HALLIBURTON ENERGY SERVICES (Continued) **U002244171**

Latitude:	34.15453
Longitude:	-119.18287
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	0567
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
EPA Region:	9
Coordinate Source:	Not reported
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	08/01/1996
Leak Reported Date:	Not reported
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	12/01/1998
CA Water Watershed Name:	Oxnard (410.00)
Dwr Groundwater Subbasin Name:	Santa Clara River Valley - Oxnard (4-004.02)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	71-75%
CA Enviroscreen 4 Score:	65-70%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	LOS ANGELES RWQCB (REGION 4)
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

VENTURA CO. UST:

Name:	HALLIBURTON ENERGY SERVICES
Address:	5800 PERKINS RD
City:	OXNARD
Facility ID:	D 1111
Facility Status:	Inactive

HIST CORTESE:

edr_fname:	HALLIBURTON ENERGY SERVIC
edr_fadd1:	5800 PERKINS
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Facility County Code:	56
Reg By:	LTNKA
Reg Id:	C-94019

NPDES:

Name:	HALLIBURTON ENERGY SERVICES
Address:	5800 PERKINS RD
City,State,Zip:	OXNARD, CA 93033
Facility Status:	Not reported
NPDES Number:	Not reported

HALLIBURTON ENERGY SERVICES (Continued) **U002244171**

Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 56I006771
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	05/06/1992
Operator Name:	Halliburton Co
Operator Address:	PO Box 1431
Operator City:	Duncan
Operator State:	Oklahoma
Operator Zip:	73536

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	268966
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 56I006771
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	05/06/1992
Status:	Terminated
Status Date:	05/06/1992
Place Size:	7
Place Size Unit:	Acres
Contact:	Charles Turner
Contact Title:	Not reported
Contact Phone:	405-251-4203
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Halliburton Co
Operator Address:	PO Box 1431

HALLIBURTON ENERGY SERVICES (Continued) **U002244171**

Operator City:	Duncan
Operator State:	Oklahoma
Operator Zip:	73536
Operator Contact:	Charles Turner
Operator Contact Title:	Not reported
Operator Contact Phone:	405-251-4213
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Oklahoma
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	405-251-4203
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Pacific Ocean
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	1389-Oil and Gas Field Services, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	HALLIBURTON ENERGY SERVICES
Address:	5800 PERKINS RD
City,State,Zip:	OXNARD, CA 93033
Agency:	Halliburton Co
Agency Address:	PO Box 1431, Duncan, OK 73536
Place/Project Type:	Industrial - Oil and Gas Field Services, NEC
SIC/NAICS:	1389
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial

HALLIBURTON ENERGY SERVICES (Continued) **U002244171**

Order Number:	2014-0057-DWQ
WDID:	4 56I006771
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	05/06/1992
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.14465
Longitude:	-119.18396

CERS:

Name:	HALLIBURTON ENERGY CORP
Address:	5800 PERKINS RD
City,State,Zip:	OXNARD, CA
Site ID:	659107
CERS ID:	SL184411424
CERS Description:	Cleanup Program Site

109
WSW
1/2-1
0.995 mi.
5256 ft.

PACIFIC RECYCLING ENTERPRISES, INC
5925 PERKINS ROAD
PORT HUENEME, CA 93041

ENVIROSTOR **1000251909**
N/A

Actual:
11 ft.

Focus Map:
4

ENVIROSTOR:

Name:	PACIFIC RECYCLING ENTERPRISES, INC
Address:	5925 PERKINS ROAD
City,State,Zip:	PORT HUENEME, CA 93041
Facility ID:	56330008
Status:	No Further Action
Status Date:	03/31/1989
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	0
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Chatsworth
Assembly:	38
Senate:	21
Special Program:	* CERC2
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.14335
Longitude:	-119.1850
APN:	231009109
Past Use:	NONE

PACIFIC RECYCLING ENTERPRISES, INC (Continued) **1000251909**

Potential COC: * UNSPECIFIED ACID SOLUTION * UNSPECIFIED AQUEOUS SOLUTION * UNSPECIFIED OIL CONTAINING WASTE
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: BAY CITY PIPE & STEEL
Alias Type: Alternate Name
Alias Name: PACIFIC RECYCLING ENTERPRISES INC.
Alias Type: Alternate Name
Alias Name: 231009109
Alias Type: APN
Alias Name: 56330008
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/08/1987
Comments: SITE SCREENING DONE

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/25/1994
Comments: CALSITES VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 03/31/1989
Comments: PRELIM ASSESS DONE NO FURTHER ACTION BASED ON THE THE LOW QUANTITIES OF WASTE AND THE FACT THAT THE SITE IS BEING USED AS A WASTEWATER TREATMENT PLANT.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 01/03/1984
Comments: FACILITY IDENTIFIED ID FROM INDUSTRY DIR-VENTURA CO 1974. RECYCLE ALL METALS.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Count: 268 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CITY OF PORT HUENEME	S105636511		CHANNEL ENTRANCE TO PORT HUENEME HARBOR	93041	CHMIRS
HUENEME	S100276728		105 WEST HUENEME ROAD DOCK 1	93041	CHMIRS
OXNARD	S109598675	MAYEDA CUT FLOWERS CO	NW HUENEME & EDISON RD		VENTURA CO. BWT
OXNARD	S118098604	BILL LOMIS FLOWERS	HUENEME RD.		VENTURA CO. BWT
OXNARD	S118098608	XEROX RANCH	HIGHWAY 101 & RICE AVE.		VENTURA CO. BWT
OXNARD	S113473640	SUNNYSIDE BLOOMS	1070 RICE AVE		VENTURA CO. BWT
OXNARD	S106198630	AT&T MOBILITY-WOOLEY/RICE (USID13778)	1557A RICE AVE		VENTURA CO. BWT
OXNARD	872803		EDISON DRIVE, NORTH OF EDISON POWER PLANT		ERNS
OXNARD	2017195537		5TH STREET AND RICE AVE		ERNS
OXNARD	8716185		5TH X RICE STS.		ERNS
OXNARD	2015108922		RICE AVE & STURGIS RD		ERNS
OXNARD	95281604		PORT HUENEME		ERNS
OXNARD	8857079		NURSERY @ 1234 RICE RD		ERNS
OXNARD	8872954		PORT HUENEME RD AT EDISON		ERNS
OXNARD	2016151778		PORT HUENEME		ERNS
OXNARD	2014084786		RICE AVE AND 5TH STREET		ERNS
OXNARD	2015108924		RICE AVENUE AND		ERNS
OXNARD	2013034993		PORT HUENEME		ERNS
OXNARD	S105974834	MOBIL OIL SS (STEVE'S)	801 HUENEME RD		LUST
OXNARD	S128136437	CYPRESS PLACE	5482 & 5536 CYPRESS ROAD	93033	CPS-SLIC
OXNARD	U004356374	HOSKINS BROS. TRUCKING, INC.	320 HUENEME RD.	93033	UST
OXNARD	U003758228	CITY OF OXNARD-WASTEWATER	STATION 28 HUENEME RD		UST
OXNARD	U002244195	MANABI FARMS, INC.	1980 RICE ROAD		UST
OXNARD	U003187596	WILMA PACIFIC, INC.	COLONIA & RICE ROAD		UST
OXNARD	2016017223	HUENEME ROAD	HUENEME ROAD		HMIRS
OXNARD	S107451121		AT THE EDISON CHANNEL SOUTH OF WOOLEY DR., AT THE NORTH END OF THE HARBOR		CHMIRS
OXNARD	S100219154		EDISON PLANT		CHMIRS
OXNARD	S110979654		EDISON AT MCWANE		CHMIRS
OXNARD	S105643029		PORT HUENEME, DOCK 1,	93041	CHMIRS
OXNARD	S105661272		HUENEME RD AND SURFSIDE RD	93033	CHMIRS
OXNARD	S105657583		STATION 28 @SURFSIDE & HUENEME	93033	CHMIRS
OXNARD	S105641466		HUENEME ROAD AND SURFSIDE DR	93033	CHMIRS
OXNARD	S116779616		MP 406.23 SANTA BARBARA SUB, RICE STREET CROSSING	93033	CHMIRS
OXNARD	S116778630		HUENEME RD AT PCH	93033	CHMIRS
OXNARD	S110982559		NW CORNER OF ARCTURUS AVE AND HUENEME RD	93033	CHMIRS
OXNARD	S110981105		RICE AVE CROSS OF SR 34	93033	CHMIRS
OXNARD	S110421680		CORNER OF VENTURA BLVD AND RICE AVE	93033	CHMIRS
OXNARD	S112830574		INTERSECTION OF HUENEME RD AND ARCTURUS AVE	93033	CHMIRS
OXNARD	S105653399		DOCK 2 AT PORT HUENEME		CHMIRS
OXNARD	S105641446		LOS ANGELES AVE AND RICE AVE		CHMIRS
OXNARD	S105636883		800 NORTH RICE ROAD-PROCTER & GAMBLE		CHMIRS
OXNARD	S117742749		RICE AVE AT HUENEME RD		CHMIRS

City	EDR ID	Site Name	Site Address	Zip	Database(s)
OXNARD	S117454460		PORT HUENEME		CHMIRS
OXNARD	S117331974		HUENEME RD AT EDISON DR		CHMIRS
OXNARD	S128631500		34.061133, -119.0428, (PORT HUENEME)		CHMIRS
OXNARD	S129920005		SB HIGHWAY 101, BETWEEN DELL N BLVD & RICE RD		CHMIRS
OXNARD	S109041491		WOOLEY RD BETWEEN RICE AND GROVE		CHMIRS
OXNARD	S118999422		PORT HUENEME		CHMIRS
OXNARD	S110981018		PORT HUENEME		CHMIRS
OXNARD	S110982830		5TH AND RICE STREET		CHMIRS
OXNARD	S125741265		INTERSECTION OF W. HUENEME RD X SOUTH J STREET		CHMIRS
OXNARD	S110423779		RICE AVE CROSSING		CHMIRS
OXNARD	S110423780		RICE AVE SOUTH OF VENTURA FRWY		CHMIRS
OXNARD	S110421914		EDISON AND HUENEME INTERSECTION		CHMIRS
OXNARD	S118465081		PORT HUENEME		CHMIRS
OXNARD	S119782421		RICE AVE. X WOOLEY RD.		CHMIRS
OXNARD	S120832062		COMMERCIAL BERTH #2, PORT HUENEME		CHMIRS
OXNARD	S128934214	ARNOLD ROAD DUMP	END OF ARNOLD ROAD AND PACIFIC OCEAN	93033	LDS
OXNARD	1027084505	FOSTER NAGAOKA	5050 CASPER RD	93033	RCRA NonGen / NLR
OXNARD	1027151571	FOSTER NAGAOKA	5050 CASPER RD	93033	FINDS, ECHO
OXNARD	1023270641	MAYEDA CUT FLOWERS CO	NW HUENEME & EDISON RD	93033	FINDS
OXNARD	1023316773	SOUTHERN CA. (PIPE LINE 324)	PLEASANT VALLEY & RICE	93033	FINDS
OXNARD	1023341740	SOUTHERN CALIFORNIA EDISON - ESTERO SUBSTATION	WOOD RD & HUENEME RD	93033	FINDS
OXNARD	1025451592	DNBG LEASE OXNARD OIL FIELD	NEAR 1070 SOUTH RICE AVENUE	93033	FINDS
OXNARD	S122413211	DNBG LEASE OXNARD OIL FIELD	NEAR 1070 SOUTH RICE AVENUE	93033	EMI
OXNARD	S124455722	DNBG LEASE OXNARD OIL FIELD	NEAR 1070 SOUTH RICE AVENUE	93033	EMI
OXNARD	S121661442	OXNARD PLAIN BRINE LINE PIPELINE PHASE 1B	HUENEME RD	93033	CIWQS
OXNARD	S121659855	NW CORNER HUENEME MADISON DR	NW CORNER HUENEME MADISON DR	93033	CIWQS
OXNARD	S125949861	OXNARD PLAIN BRINE LINE PHASE 1B	ALONG HUENEME RD, BETWEEN RICE AVE AND LAS POSAS RD		CIWQS
OXNARD	S121670517	SALINITY MANAGEMENT PIPELINE, PHASE 1E, HYDROSTATIC TEST PROJECT	ALONG HUENEME RD FROM EDISON DR TO SURFSIDE DR		CIWQS
OXNARD	S121666084	PVP EDISON	CNR OF EDISON & HUENEME RD		CIWQS
OXNARD	S121668085	RICE AVE EXTENSION	RICE AVE & HUENEME RD INTERSECTION		CIWQS
OXNARD	S123523898	ARNOLD ROAD DUMP	END OF ARNOLD ROAD & THE PACIF	93033	CERS
POINT MUGU NAWC	S121633136	DE 09 1092 DE 23 00 DEMOLITIOIN OF VARIOUS STRUCTURES	US NAVAL BASE POINT MUGU PORT HUENEME	93041	CIWQS
PORT HUENEME	S129486471	SAN DIEGO FAMILY HOUSING LLC	PORT HUENEME MILITARY HOUSING	93041	HWTS
PORT HUENEME	S129474306	FUGRO SUPPORTER IMO # 8518364	PORT OF HUENEME BERTH 5	93041	HWTS
PORT HUENEME	S129469827	RV SONNE IMO# 9633927	PORT OF HUENEME COMMERICAL DOCK	93041	HWTS
PORT HUENEME	S118099506	TRAC TIDE	417 E HUENEME RD 131		VENTURA CO. BWT
PORT HUENEME	S118098382	OST CRANE SERVICE	750 HUENEME RD.		VENTURA CO. BWT
PORT HUENEME	S118098563	OFFSHORE CRANE & SERVICE CO.	DOCK 1-PORT HUENEME		VENTURA CO. BWT
PORT HUENEME	S118098600	TEXACO OFFSHORE	PORT OF HUENEME		VENTURA CO. BWT
PORT HUENEME	S118099383	OST CRANE SERVICE	750 HUENEME RD.		VENTURA CO. BWT
PORT HUENEME	S118099586	TEXACO OFFSHORE	PORT OF HUENEME		VENTURA CO. BWT
PORT HUENEME	1000161930	NL BAROID PORT HUENEME SERVICE CENTER	PORT HUENEME COMMERCIAL DOCK	93041	RCRA-SQG
PORT HUENEME	94267421		105 HUENEME RD	93041	ERNS
PORT HUENEME	95282072		237 E HUENEME	93041	ERNS

Count: 268 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PORT HUENEME	2023356684		105 E. HUENEME RD	93041	ERNS
PORT HUENEME	93161957		PORT HUENEME HARBOR	93041	ERNS
PORT HUENEME	9169565		PORT HUENEME DOCK	93041	ERNS
PORT HUENEME	2019248748		105 E. PORT HUENEME	93041	ERNS
PORT HUENEME	95318274		PORT HUENEME	93041	ERNS
PORT HUENEME	95310769		105 E HUENEME RD	93041	ERNS
PORT HUENEME	95280722		PORT HUENEME HARBOR	93041	ERNS
PORT HUENEME	95310765		PORT HUENEME HARBOR	93041	ERNS
PORT HUENEME	95277696		105 EAST HUENEME ROAD	93041	ERNS
PORT HUENEME	95309154		HUENEME RD	93041	ERNS
PORT HUENEME	2021321178		105 E. HUENEME RD	93041	ERNS
PORT HUENEME	2022337659		105 E. HUENEME RD	93041	ERNS
PORT HUENEME	2021311815		105 E. HUENEME	93041	ERNS
PORT HUENEME	2010962426		HUENEME ROAD	93041	ERNS
PORT HUENEME	2011997611		HUENEME ROAD	93041	ERNS
PORT HUENEME	2019241641		105 E. PORT HUENEME	93041	ERNS
PORT HUENEME	2007843945		PORT HUENEME		ERNS
PORT HUENEME	2007850528		PORT HARBOR HUENEME		ERNS
PORT HUENEME	9049540		PORT HUENEME FISHING DOCK		ERNS
PORT HUENEME	96353761		PORT HUENEME HARBOR		ERNS
PORT HUENEME	96363601		PORT HUENEME		ERNS
PORT HUENEME	94250691		PORT HUENEME HARBOR		ERNS
PORT HUENEME	2003640822		PORT HUENEME		ERNS
PORT HUENEME	92148005		PORT HUENEME HARBOR		ERNS
PORT HUENEME	93167455		PORT HUENEME		ERNS
PORT HUENEME	93171607		PORT HUENEME		ERNS
PORT HUENEME	9176012		PORT HUENEME HARBOR		ERNS
PORT HUENEME	9181894		CBC PORT HUENEME		ERNS
PORT HUENEME	9169585		PORT OF PORT HUENEME		ERNS
PORT HUENEME	92122436		PORT OF HUENEME		ERNS
PORT HUENEME	92115068		PORT HUENEME		ERNS
PORT HUENEME	92132944		DOCK 2 IN PORT OF HUENEME		ERNS
PORT HUENEME	92128468		PORT HUENEME		ERNS
PORT HUENEME	95306707		PORT HUENEME		ERNS
PORT HUENEME	95289039		105 EAST HUENEME RD		ERNS
PORT HUENEME	97405522		PORT HUENEME		ERNS
PORT HUENEME	2000549727		PORT OF HUENEME		ERNS
PORT HUENEME	2001557796		PORT HUENEME		ERNS
PORT HUENEME	875046		PORT HUENEME HARBOR, DOCK #1		ERNS
PORT HUENEME	8871576		NAVAL STATION PORT HUENEME HARBOR		ERNS
PORT HUENEME	8865196		DOCK 1 PORT HUENEME HARBOR		ERNS
PORT HUENEME	8866147		SPORTS FISHING DOCK PORT HUENEME HARBOR		ERNS
PORT HUENEME	8869782		PORT HUENEME HARBOR		ERNS
PORT HUENEME	2009919089		PORT HUENEME HARBOR		ERNS
PORT HUENEME	2014092897		PORT HUENEME		ERNS
PORT HUENEME	2015119936		PORT HUENEME HARBOR		ERNS
PORT HUENEME	2012030148		PORT HUENEME		ERNS

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PORT HUENEME	2010935982		PORT HUENEME HARBOR		ERNS
PORT HUENEME	99502903		PORT HUENEME		ERNS
PORT HUENEME	98433983		PORT HUENEME HARBOR		ERNS
PORT HUENEME	99470328		PORT HUENEME STATION		ERNS
PORT HUENEME	99477097		PORT HUENEME HARBOR		ERNS
PORT HUENEME	96368679		HUENEME HARBOR		ERNS
PORT HUENEME	S122356388	HUENEME SCHOOL DIST. BUS YARD	700 HUENEME RD	93041	LUST
PORT HUENEME	S122356391	PORT HUENEME (CITY)-SCH DIST	700 HUENEME RD	93041	LUST, CERS
PORT HUENEME	S122356389	PORT HUENEME (CITY)-CITY YARD	700 HUENEME RD	93041	LUST, CERS
PORT HUENEME	U003187533	PORT OF HUENEME/OXN HARBOR DI	BERTH #1, HUENEME RD.		UST
PORT HUENEME	U002244016	JAMES MABE	230 HUENEME ROAD		UST
PORT HUENEME	S100276863		ARNOLD ROAD	93041	CHMIRS
PORT HUENEME	S105646735		DOCK 1 IN PORT HUENEME HARBOR	93041	CHMIRS
PORT HUENEME	S105643215		PORT HUENEME HARBOR, DOCK 1 BERTH 2	93041	CHMIRS
PORT HUENEME	S105641786		SPORT FISHING DOCK AT PORT HUENEME	93041	CHMIRS
PORT HUENEME	S105642142		SEA BUOY AT THE ENTRANCE OF PORT HUENEME	93041	CHMIRS
PORT HUENEME	S105638751		SPORT FISHING DOCK PORT HUENEME HAROR	93041	CHMIRS
PORT HUENEME	S116362285		VENTURA RD BETWEEN SURFSIDE DR AND HUENEME RD	93041	CHMIRS
PORT HUENEME	S105655657		PORT HUENEME HARBOR, DOCK 2 EAST SHIP "SL210"	93041	CHMIRS
PORT HUENEME	S129923570		PORT OF HUENEME DOCK 1 BUILDING 582	93041	CHMIRS
PORT HUENEME	S102801477		PORT HUENEME HARBOR	93041	CHMIRS
PORT HUENEME	S107453805		SURFSIDE DRIVE, AT HUENEME ROAD	93041	CHMIRS
PORT HUENEME	S109041556		PORT HUENEME PIER	93041	CHMIRS
PORT HUENEME	S100275502		150 HUENEME ROAD	93041	CHMIRS
PORT HUENEME	S106391184		PORT HUENEME HARBOR DOCK #2 ACROSS FROM SOUTHERN CAL EDISON PLANT	93041	CHMIRS
PORT HUENEME	S112827087		INSIDE PORT HUENEME HARBOR, DOCK 1 EAST	93041	CHMIRS
PORT HUENEME	S124449082		105 E. PORT HUENEME - DOCK #2	93041	CHMIRS
PORT HUENEME	S118189356		PORT HUENEME, DOCK 1, BLDG 582	93041	CHMIRS
PORT HUENEME	S105659446		PORT HUENEME, DOCK 1 WEST	93033	CHMIRS
PORT HUENEME	S105646432		HUENEME AND SURFSIDE	93033	CHMIRS
PORT HUENEME	S105675744		PORT HUENEME, TERMINAL 1		CHMIRS
PORT HUENEME	S105675810		DOCK 2 IN THE COMMERCIAL PORTION OF PORT HUENEME		CHMIRS
PORT HUENEME	S105665809		PORT HUENEME HARBOR BETWEEN DOCKS 1 & 2		CHMIRS
PORT HUENEME	S105652762		PORT HUENEME HARBOR DOCK 1		CHMIRS
PORT HUENEME	S105631327		PORT HUENEME US NAVAL CONSTRUCTION		CHMIRS
PORT HUENEME	S105633216		WHARF 4, USN SITE PORT HUENEME		CHMIRS
PORT HUENEME	S105646921		EAST END OF PORT HUENEME		CHMIRS
PORT HUENEME	S105639301		PORT HUENEME BERTH #2		CHMIRS
PORT HUENEME	S105635840		SRB PIER PORT HUENEME		CHMIRS
PORT HUENEME	S105641584		DOCK#1, PORT HUENEME HARBOR		CHMIRS
PORT HUENEME	S105637787		DOCK 2 PORT HUENEME HARBOR		CHMIRS
PORT HUENEME	S105636403		DOCK 1-EAST PORT HUENEME		CHMIRS
PORT HUENEME	S105638366		PORT HUENEME HARBOR WHARF D		CHMIRS
PORT HUENEME	S105644422		PORT HUENEME HARBOR - BERTH 1392		CHMIRS
PORT HUENEME	S105650525		DOCK 1 PORT HUENEME.		CHMIRS
PORT HUENEME	S105650593		SPORT FISHING DOCK, HUENEME ROAD		CHMIRS

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PORT HUENEME	S117743340		PORT OF PORT HUENEME		CHMIRS
PORT HUENEME	S103959595	PORT HUENEME FACILITY	PORT HUENEME	0	CHMIRS, ENF, WDS, WDR, CIWQS
PORT HUENEME	S121504065		PORT HUENEME		CHMIRS
PORT HUENEME	S105671328		PORT HUENEME NAVY PORT		CHMIRS
PORT HUENEME	S105658480		BERTH 3 AT PORT HUENEME		CHMIRS
PORT HUENEME	S105662763		WHARF 1 AT PORT HUENEME		CHMIRS
PORT HUENEME	S117331721		WHARF 4 PORT HUENEME NAVAL BASE		CHMIRS
PORT HUENEME	S117330809		PIER 1, PORT HUENEME		CHMIRS
PORT HUENEME	S117977139		PORT HUENEME HARBOR		CHMIRS
PORT HUENEME	S126114144		PORT HUENEME, BERTH #3 (COORDINATES: LATITUDE: 34 8' 58.416" N / LONGITUDE: 119 12' 22.32" W)		CHMIRS
PORT HUENEME	S109041589		PORT HUENEME PIER		CHMIRS
PORT HUENEME	S109045679		PORT HUENEME BEACH PARK		CHMIRS
PORT HUENEME	S109041676		HUENEME RD. AT RICE AVE		CHMIRS
PORT HUENEME	S109042820		PORT HUENEME SPORT FISHING DOCK		CHMIRS
PORT HUENEME	S109047817		PORT HARBOR HUENEME HARBOR		CHMIRS
PORT HUENEME	S109044008		PORT HUENEME NAVAL BASE BLDG. #1519 ON HARRIS ST.		CHMIRS
PORT HUENEME	S114001158		DOCK 2 BERTH AT PORT HUENEME		CHMIRS
PORT HUENEME	S114001793		PORT HUENEME PIER #4, LATITUDE 34 08.9 N, LONGITUDE 119 12.3 W		CHMIRS
PORT HUENEME	S113998958		PIER 3 AT PORT HUENEME		CHMIRS
PORT HUENEME	S114000873		PORT HUENEME BERTH 4		CHMIRS
PORT HUENEME	S124447965		NAVY BASE VENTURA COUNTY, WARFT 4, PORT HUENEME		CHMIRS
PORT HUENEME	S126977237		PORT OF HUENEME BERTH #4		CHMIRS
PORT HUENEME	S106396859		HUENEME ROAD AND SURF SIDE DRIVE		CHMIRS
PORT HUENEME	S106397172		PORT HUENEME, LAT 34 DEGREES 7' 29" N LONG 10 DEGREES 16' 34" W		CHMIRS
PORT HUENEME	S106390445		EAST END OF COMMERCIAL HARBOR OF PORT HUENEME, AT THE SPORT FISHING DOCK		CHMIRS
PORT HUENEME	S106390814		BERTH 1, PORT HUENEME HARBOR, ON MOTOR VESSEL IVORY CAPE		CHMIRS
PORT HUENEME	S110980881		PORT HUENEME WHARF 6		CHMIRS
PORT HUENEME	S110982463		34 06 54 N 119 12 36 W (OUTSIDE OF PORT HUENEME)		CHMIRS
PORT HUENEME	S110981019		PORT HUENEME HARBOR		CHMIRS
PORT HUENEME	S110978304		PORT OF HUENEME		CHMIRS
PORT HUENEME	S111758531		PORT HUENEME HARBOR		CHMIRS
PORT HUENEME	S118736966		PORT HUENEME, EAST PORT HUENEME ROAD		CHMIRS
PORT HUENEME	S105882460		SPORT FISHING DOCKS OF THE PORT OF HUENEME		CHMIRS
PORT HUENEME	S108406337		INTERSECTION OF SURFSIDE DR AND HUENEME RD.		CHMIRS
PORT HUENEME	S108403347		PORT HUENEME DOCK 1 PORT 3		CHMIRS
PORT HUENEME	S110423693		PORT HUENEME WHARF D		CHMIRS
PORT HUENEME	S110423109		NAVAL BASE VENTURA COUNTY, PORT HUENEME BASE		CHMIRS
PORT HUENEME	S118190296		PORT HUENEME, BERTH #1		CHMIRS
PORT HUENEME	S128002847		105 E. HUENEME // CORNER OF SPORT DOCK AND 2E		CHMIRS
PORT HUENEME	1024811835	TRACTIDE MARINE CORP FUEL TERMINAL	LOT 161 PORT HUENEME HARBOR	93041	RCRA NonGen / NLR
PORT HUENEME	1024826666	WEST COAST HARVESTING INC	4727 HUENEME RD	93041	RCRA NonGen / NLR
PORT HUENEME	1027452228	TESORO PORT HUENEME	150 E HUENEME ROAD	93041	RCRA NonGen / NLR
PORT HUENEME	1027462690	RV SONNE IMO# 9633927	PORT OF HUENEME COMMERICAL DOCK	93041	RCRA NonGen / NLR

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PORT HUENEME	1027468292	TESORO PORT HUENEME	150 E HUENEME RD	93041	RCRA NonGen / NLR
PORT HUENEME	1027515762	FUGRO SUPPORTER IMO # 8518364	PORT OF HUENEME BERTH 5	93041	RCRA NonGen / NLR
PORT HUENEME	1024806472	PACIFIC RORO STEVEADORING LLC	105 W HUENEME RD	93041	RCRA NonGen / NLR
PORT HUENEME	1024798132	MARINE TERMINALS CORP	BLDG 141 HUENEME RD	93041	RCRA NonGen / NLR
PORT HUENEME	1024782730	TESORO COMPANIES INC	150 E HUENEME ROAD	93041	RCRA NonGen / NLR
PORT HUENEME	1024785454	HUENEME ELEMENTARY SCHOOL DISTRICT	700 C HUENEME	93041	RCRA NonGen / NLR
PORT HUENEME	1023247686	HUENEME DRAIN/ROAD CULVERT	HUENEME & SURFSIDE	93041	FINDS
PORT HUENEME	1023247687	HUENEME OUTFALL REPLACEMENT HYDROSTATIC TEST PROJECT	PORT HUENEME BEACH PARK AND POINT MUGU	93041	FINDS
PORT HUENEME	1027664242	FUGRO SUPPORTER IMO # 8518364	PORT OF HUENEME BERTH 5	93041	FINDS
PORT HUENEME	1027661782	RV SONNE IMO# 9633927	PORT OF HUENEME COMMERICAL DOCK	93041	FINDS
PORT HUENEME	1016431728	HUENEME ELEMENTARY SCHOOL DIST-MAINT SHOF	700 E HUENEME RD STE C	93041	FINDS
PORT HUENEME	1016433098	CITY OF PORT HUENEME/SERVICE YRD	700B HUENEME RD	93041	FINDS
PORT HUENEME	1023222470	HUENEME SCHOOL DIST-MAINT SHOP	700C HUENEME RD	93041	FINDS
PORT HUENEME	1023691580	HUENEME SCH DIST FOT	700 C HUENEME RD	93041	FINDS, ECHO
PORT HUENEME	1023314146	SALINITY MANAGEMENT PIPELINE PHASE 1E	HUENEME RD BTWN EDISON & SURFSIDE DR	93033	FINDS
PORT HUENEME	1027597885	FUGRO SUPPORTER IMO # 8518364	PORT OF HUENEME BERTH 5	93041	ECHO
PORT HUENEME	1027604438	RV SONNE IMO# 9633927	PORT OF HUENEME COMMERICAL DOCK	93041	ECHO
PORT HUENEME	S106835638	MILCHEM INC.	PORT HUENEME DOCK #1	93041	EMI
PORT HUENEME	S105025611	HUENEME CITY YARD (B)	700 B HUENEME	93041	HIST CORTESE
PORT HUENEME	S123046166	HORNBECK OFFSHORE SERVICES LLC	105 HUENEME RD DOCK 2	93041	HAZNET, HWTS
PORT HUENEME	S123060868	RV GEO EXPLORER	PORT HUENEME	93041	HAZNET, HWTS
PORT HUENEME	S121017796	CALIFORNIA FUEL AND LUBRICANTS	2281 E. HUENEME RD.	93041	HAZNET, HWTS
PORT HUENEME	S117710631	SHELL COVE	PORT HUENEME RD BW 5TH ST & WILLOWBROOK DR	93041	NPDES, CIWQS
PORT HUENEME	S105689276	STELLAR BIOTECHNOLOGIES	SW JETTY - PORT HUENEME HARBOR	93041	WDS
PORT HUENEME	S106447029	HUENEME DRAIN/ROAD CULVERT	HUENEME & SURFSIDE RD	0	WDS
PORT HUENEME	S121645105	HUENEME DRAIN PUMP STATION RECONSTRUCTIOI	HUENEME DRAIN & J ST DRAIN PORT	93041	CIWQS
PORT HUENEME	S121673589	SHORE PROTECTION REPAIR & WATERFRONT ACCESS	PORT OF HUENEME S BOUNDARY @ SURFSIDE DR	93041	CIWQS
PORT HUENEME	S121663918	PHASE 1 RECYCLED WATER BACKBONE SYSTEM	PERKINS HUENEME RD VENTURA RD PATTERSON & VINYARD	93041	CIWQS
PORT HUENEME	S121684583	TRACT 5452	PORT HUENEME	93041	CIWQS
PORT HUENEME	S121684582	TRACT 5451	PORT HUENEME	93041	CIWQS
PORT HUENEME	S121665297	PORTSIDE	HUENEME RD AND ANN AVE	93041	CIWQS
SAN LUIS OBISPO	1026484428	RENE DESCARTES IMO# 0207470	BERTH PORT HUENEME COMMERCIAL DOCK	93041	RCRA NonGen / NLR
SAN LUIS OBISPO	1026773339	RENE DESCARTES IMO# 0207470	BERTH PORT HUENEME COMMERCIAL DOCK	93041	FINDS
SAN LUIS OBISPO	1026683366	RENE DESCARTES IMO# 0207470	BERTH PORT HUENEME COMMERCIAL DOCK	93041	ECHO
VENTURA	1023314132	RSMP- BRINE LINE PHASE 1	ALONG HUENEME RD BETWEEN LEWIS RD AND EDISON DR	93033	FINDS
VENTURA	S105774612	RSMP- BRINE LINE PHASE 1	ALONG HUENEME RD	93033	WDS
VENTURA COUNTY	2008881994		PORT HUENEME BASE		ERNS
VENTURA COUNTY	2001562607		PORT HUENEME NAVAL BASE		ERNS
VENTURA COUNTY	8855935		DOCK 1,PORT HUENEME		ERNS
VENTURA COUNTY	8857493		PORT HUENEME HARBOR SURFACE CRAFT BETHING AREA		ERNS
VENTURA COUNTY	8870713		PORT HUENEME HARBOR NEAR CHARLIE & HOSTEL METHOD PIERS		ERNS
VENTURA COUNTY	S105631565		MAIN CHANNEL ENTRANCE PORT HUENEME		CHMIRS
VENTURA COUNTY	S105637476		PORT HUENEME DOCK 1		CHMIRS
VENTURA COUNTY	S105632031		PORT HUENEME BLDG 447		CHMIRS
VENTURA COUNTY	S105636446		WHARF # 4 HUENEME HARBOUR		CHMIRS

Count: 268 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
VENTURA COUNTY	S106389403		PLATFORM GINA, PACIFIC OCEAN, NEAREST CITY PORT HUENEME LAT 34 DEG 7’2.99"N LONG 119DEG,16'34.53"W N		CHMIRS

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: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: N/A
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: N/A
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: N/A
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/26/2023
Date Data Arrived at EDR: 03/28/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/23/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/25/2023
Date Data Arrived at EDR: 05/31/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 54

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 70

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 04/24/2023
Date Data Arrived at EDR: 04/25/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 04/24/2023
Date Data Arrived at EDR: 04/25/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/06/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 04/26/2023
Number of Days to Update: 78

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/08/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

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 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 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 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: 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: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/30/2023
Number of Days to Update: 23

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 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 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 R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 05/24/2023
Number of Days to Update: 78

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 02/23/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 05/26/2023
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
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: 06/06/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
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: 04/24/2023
Date Data Arrived at EDR: 04/25/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/13/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 06/06/2023
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/14/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 04/06/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/08/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 05/24/2023
Number of Days to Update: 78

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 11/16/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/13/2023
Number of Days to Update: 83

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/31/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/27/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 48

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/04/2023
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: 04/24/2023
Date Data Arrived at EDR: 04/25/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 11/06/2023
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: 12/31/2020
Date Data Arrived at EDR: 11/30/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 71

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/17/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/11/2023
Number of Days to Update: 84

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 48

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 04/28/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 77

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
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: 04/17/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/06/2023
Number of Days to Update: 79

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
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: 02/23/2023
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 03/23/2023
Number of Days to Update: 27

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/11/2023
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: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing
Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 02/27/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 78

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/19/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 70

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/15/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 77

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/30/2023
Number of Days to Update: 23

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
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: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/08/2023
Date Data Arrived at EDR: 05/16/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 55

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/16/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/10/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/13/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/01/2023
Next Scheduled EDR Contact: 08/14/2023
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: 05/04/2023
Next Scheduled EDR Contact: 08/14/2023
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: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/16/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 02/16/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 75

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/19/2023
Next Scheduled EDR Contact: 08/28/2023
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: 04/17/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 83

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 06/12/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 08/14/2023
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: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/07/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/15/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 70

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/12/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 04/14/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/04/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/22/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 11/06/2023
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: 03/31/2023
Date Data Arrived at EDR: 04/20/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 81

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/24/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 04/03/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/01/2023
Date Data Arrived at EDR: 05/24/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 61

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/24/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/04/2023
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: 05/25/2023
Next Scheduled EDR Contact: 09/04/2023
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: 03/17/2023
Date Data Arrived at EDR: 03/17/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 74

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/13/2023
Next Scheduled EDR Contact: 09/18/2023
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: 05/04/2023
Date Data Arrived at EDR: 05/25/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 60

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/25/2023
Date Data Arrived at EDR: 03/31/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/29/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 10/20/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 54

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 06/07/2023
Date Data Arrived at EDR: 06/08/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 05/05/2023
Number of Days to Update: 59

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
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: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 05/23/2023
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 06/06/2023
Number of Days to Update: 77

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/14/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 12/07/2021
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 05/17/2022
Number of Days to Update: 8

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/08/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

DRYCLEAN MONTEREY BAY DIST: Monterey Bay Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79

Source: Monterey Bay Air Quality Management District
Telephone: 831-647-9411
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SHASTA CO DIST: Shasta County Air Quality Management District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Shasta County Air Quality Management District
Telephone: 530-225-5674
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO COAST UNIFIED DIST: North Coast Unified Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473

Source: North Coast Unified Air Quality Management District
Telephone: 707-443-3093
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO DIST: Yolo-Solano Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Yolo-Solano Air Quality Management District
Telephone: 530-757-3650
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO SIERRA DIST: Northern Sierra Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 05/07/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1455

Source: Northern Sierra Air Quality Management District
Telephone: 530-274-9350
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
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.

Date of Government Version: 02/23/2023
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/15/2023
Number of Days to Update: 80

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN DIEGO CO DIST: San Diego County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 02/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1461

Source: San Diego County Air Pollution Control District
Telephone: 858-586-2616
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SACRAMENTO METO DIST: Sacramento Metropolitan Air Quality Management DistrictDrycleaner Facility Listing
A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 07/19/2023
Number of Days to Update: 82

Source: Sacramento Metropolitan Air Quality Management District
Telephone: 916-874-3958
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GLENN CO DIST: Glenn County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 05/02/2023
Date Data Arrived at EDR: 05/03/2023
Date Made Active in Reports: 07/25/2023
Number of Days to Update: 83

Source: Glenn County Air Pollution Control District
Telephone: 530-934-6500
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SANTA BARB CO DIST: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475

Source: Santa Barbara County Air Pollution Control District
Telephone: 805-961-8867
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN JOAQ VAL DIST: San Joaquin Valley Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/03/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1459

Source: San Joaquin Valley Air Pollution Control District
Telephone: 559-230-6001
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN LUIS OB CO DIST: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 04/23/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1467

Source: San Luis Obispo County Air Pollution Control District
Telephone: 805-781-5756
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN TEHAMA CO DIST: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1468

Source: Tehama County Air Pollution Control District
Telephone: 530-527-3717
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AMADOR: Amador Air District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Amador Air Quality Management District

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador Air Quality Management District
Telephone: 209-257-0112
Last EDR Contact: 04/24/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN FEATHER RIVER DIST: Feather River Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Feather River Air Quality Management District.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 88

Source: Feather River Air Quality Management District
Telephone: 530-634-7659
Last EDR Contact: 06/08/2023
Next Scheduled EDR Contact: 06/12/2023
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: 07/19/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Annually

DRYCLEAN VENTURA CO DIST: Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

Date of Government Version: 04/16/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475

Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 09/11/2023
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: 02/17/2023
Date Data Arrived at EDR: 02/17/2023
Date Made Active in Reports: 05/09/2023
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

DRYCLEAN NO SONOMA CO DIST: Norther Sonoma County County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 04/17/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475

Source: Santa Barbara County Air Pollution Control District
Telephone: 707-433-5911
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN PLACER CO DIST: Placer County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473

Source: Placer County Air Quality Management District
Telephone: 530-745-2335
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN EAST KERN DIST: Eastern Kern Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 01/12/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79

Source: Eastern Kern Air Pollution Control District
Telephone: 661-862-9684
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BAY AREA DIST: Bay Area Air Quality Management District Drycleaner Facility Listing
Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1432

Source: Bay Area Air Quality Management District
Telephone: 415-516-1916
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BUTTE CO DIST: Butte County Air Quality Management DistrictDrycleaner Facility Listing
Butte County Air Quality Management DistrictDrycleaner Facility Listing.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1469

Source: Butte County Air Quality Management District
Telephone: 530-332-9400
Last EDR Contact: 07/13/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN CALAVERAS CO DIST: Calaveras County Environmental Management Agency Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1412

Source: Calaveras County Environmental Management Agency
Telephone: 209-754-6399
Last EDR Contact: 04/24/2023
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN IMPERIAL CO DIST: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79

Source: Imperial County Air Pollution Control District
Telephone: 442-265-1800
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MENDO CO DIST: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 77

Source: Mendocino County Air Quality Management District
Telephone: 707-463-4354
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GRANT: Grant Recipients List
Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 816

Source: California Air Resources Board
Telephone: 916-323-0006
Last EDR Contact: 07/24/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

DRYCLEAN MOJAVE DESERT DIST: Mojave Desert Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Mojave Desert Air Quality Management District
Telephone: 760-245-1661
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN LAKE CO DIST: Lake County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1455

Source: Lake County Air Quality Management District
Telephone: 707-263-7000
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/30/2022
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/09/2023
Next Scheduled EDR Contact: 09/25/2023
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: 04/17/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/06/2023
Number of Days to Update: 79

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 01/11/2023
Date Data Arrived at EDR: 01/17/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 06/28/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/06/2023
Date Data Arrived at EDR: 02/15/2023
Date Made Active in Reports: 05/09/2023
Number of Days to Update: 83

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/13/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 05/08/2023
Number of Days to Update: 83

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/16/2023
Next Scheduled EDR Contact: 08/28/2023
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: 02/13/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 05/08/2023
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/16/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/03/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/27/2023
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 06/29/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/07/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Annually

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 05/23/2023
Number of Days to Update: 77

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
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: 01/09/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 02/06/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 04/28/2023
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/08/2023
Next Scheduled EDR Contact: 08/21/2023
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: 02/27/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 05/22/2023
Number of Days to Update: 83

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
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: 03/09/2023
Date Data Arrived at EDR: 03/10/2023
Date Made Active in Reports: 05/24/2023
Number of Days to Update: 75

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Annually

SANTA CRUZ CO SITE MITI: Site Mitigation Listing
Sites may become contaminated with toxic chemicals through illegal dumping or disposal, from leaking underground storage tanks, or through industrial or commercial activities.The goal of the site mitigation program is to protect the public health and the environment while facilitating completion of contaminated site clean-up projects in a timely manner.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 20

Source: Santa Cruz Environmental Health Services
Telephone: 831-454-2761
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/07/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/13/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
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: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 05/24/2023
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
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: 02/27/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
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: 04/17/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/06/2023
Number of Days to Update: 79

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)
Non-Case Information sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)
Other Oil & Gas Projects sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
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: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/05/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI
Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 06/07/2023
Date Data Arrived at EDR: 06/08/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/13/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: No Update Planned

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 03/29/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 75

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
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: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 03/17/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 06/06/2023
Number of Days to Update: 77

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
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: 04/03/2023
Date Data Arrived at EDR: 04/20/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 81

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 02/13/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 05/08/2023
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/29/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/12/2023
Date Data Arrived at EDR: 04/14/2023
Date Made Active in Reports: 06/28/2023
Number of Days to Update: 75

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
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: 01/30/2023
Date Data Arrived at EDR: 02/01/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 77

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 05/04/2023
Date Data Arrived at EDR: 05/11/2023
Date Made Active in Reports: 06/14/2023
Number of Days to Update: 34

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
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: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 05/31/2023
Number of Days to Update: 34

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/03/2023
Date Data Arrived at EDR: 04/06/2023
Date Made Active in Reports: 06/26/2023
Number of Days to Update: 81

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/10/2023
Date Data Arrived at EDR: 04/11/2023
Date Made Active in Reports: 06/26/2023
Number of Days to Update: 76

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/10/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 03/29/2023
Number of Days to Update: 76

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/14/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 01/10/2022
Date Data Arrived at EDR: 01/12/2022
Date Made Active in Reports: 04/04/2022
Number of Days to Update: 82

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 07/13/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 11/01/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 03/07/2023
Number of Days to Update: 83

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/22/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 11/01/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 03/07/2023
Number of Days to Update: 83

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/22/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/02/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/07/2023
Number of Days to Update: 80

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/20/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/12/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 42

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 06/21/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/15/2022
Date Data Arrived at EDR: 02/17/2022
Date Made Active in Reports: 05/11/2022
Number of Days to Update: 83

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 08/28/2023
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: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
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: 07/19/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
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: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/04/2023
Date Data Arrived at EDR: 05/05/2023
Date Made Active in Reports: 07/25/2023
Number of Days to Update: 81

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 02/02/2023
Date Data Arrived at EDR: 02/09/2023
Date Made Active in Reports: 05/09/2023
Number of Days to Update: 89

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/02/2023
Date Data Arrived at EDR: 02/09/2023
Date Made Active in Reports: 05/04/2023
Number of Days to Update: 84

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/01/2023
Date Data Arrived at EDR: 05/18/2023
Date Made Active in Reports: 06/14/2023
Number of Days to Update: 27

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/14/2023
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: 08/26/2022
Date Data Arrived at EDR: 08/29/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 78

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/08/2023
Next Scheduled EDR Contact: 09/11/2023
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: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/10/2023
Date Data Arrived at EDR: 04/12/2023
Date Made Active in Reports: 06/28/2023
Number of Days to Update: 77

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 04/10/2023
Date Data Arrived at EDR: 04/12/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 62

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/25/2023
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: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/29/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/29/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 05/02/2023
Date Data Arrived at EDR: 05/04/2023
Date Made Active in Reports: 07/25/2023
Number of Days to Update: 82

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 02/15/2023
Date Data Arrived at EDR: 02/15/2023
Date Made Active in Reports: 05/09/2023
Number of Days to Update: 83

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
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: 02/27/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 78

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 05/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 04/04/2023
Date Data Arrived at EDR: 04/05/2023
Date Made Active in Reports: 06/27/2023
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 04/28/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 77

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
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: 04/28/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 05/03/2023
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 04/11/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 07/11/2023
Number of Days to Update: 89

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/09/2023
Date Data Arrived at EDR: 02/10/2023
Date Made Active in Reports: 05/05/2023
Number of Days to Update: 84

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
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: 06/08/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 05/31/2023
Next Scheduled EDR Contact: 09/18/2023
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: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 02/10/2023
Date Data Arrived at EDR: 02/10/2023
Date Made Active in Reports: 05/05/2023
Number of Days to Update: 84

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
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: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
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: 05/10/2023
Next Scheduled EDR Contact: 08/28/2023
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: 05/23/2023
Next Scheduled EDR Contact: 09/11/2023
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: 05/23/2023
Next Scheduled EDR Contact: 09/11/2023
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: 06/13/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/13/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/03/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 11/14/2022
Number of Days to Update: 81

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 11/17/2022
Date Data Arrived at EDR: 11/21/2022
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 81

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 04/12/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 06/28/2023
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/27/2023
Date Data Arrived at EDR: 04/25/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 80

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/21/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/21/2023
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: 03/27/2023
Date Data Arrived at EDR: 04/21/2023
Date Made Active in Reports: 07/07/2023
Number of Days to Update: 77

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/26/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 06/14/2023
Number of Days to Update: 12

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/02/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 04/03/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 56

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/21/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 05/04/2023
Date Data Arrived at EDR: 05/04/2023
Date Made Active in Reports: 07/25/2023
Number of Days to Update: 82

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
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: 11/16/2022
Date Data Arrived at EDR: 11/16/2022
Date Made Active in Reports: 02/06/2023
Number of Days to Update: 82

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 08/21/2023
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: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/27/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/10/2022
Next Scheduled EDR Contact: 08/28/2023
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: 06/01/2023
Next Scheduled EDR Contact: 09/18/2023
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

STREET AND ADDRESS INFORMATION

Â© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX F

County of Ventura

Environmental Health Department

LUFT PROGRAM

Site Inspection Sheet

Site # 1580 Date 5/8/91

Site Location Ronnie Callens Residence 1552 Huenome Rd.

Responsible Party/Representative

Consultant/Representative Dick Botke P.W.

Others/Representative Coast to Coast

Time In/Time Out 130 - 315

Short Weather Description Fair

Description of Ongoing Work Tank Pulls

Brief Chronology of Onsite Activities LEL → ICE → Pull → Sampling

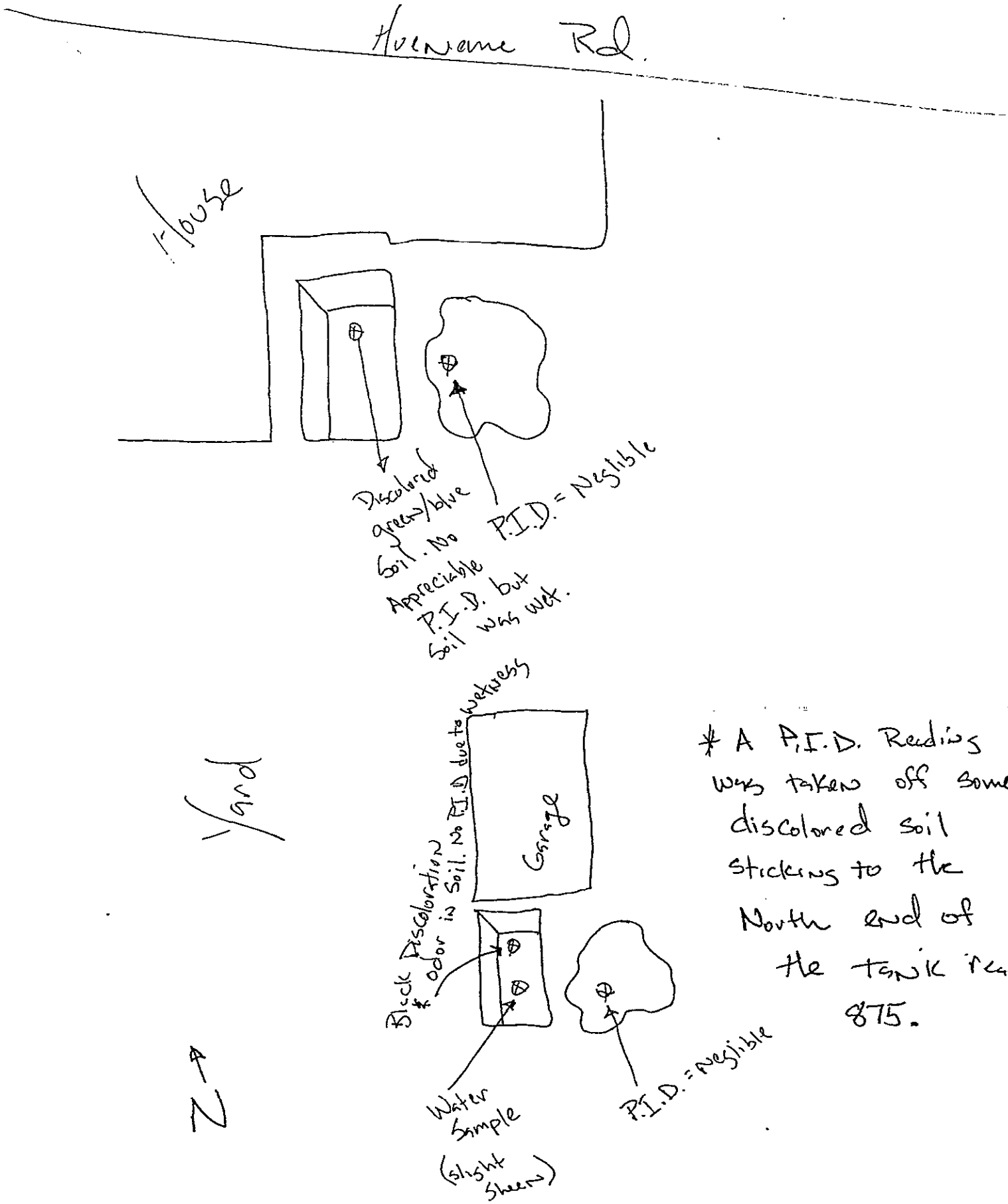
Samples Taken: Water (Amount) 1 Soil (Amount) 4

Depth to Ground Water 8 ft - 10 ft.

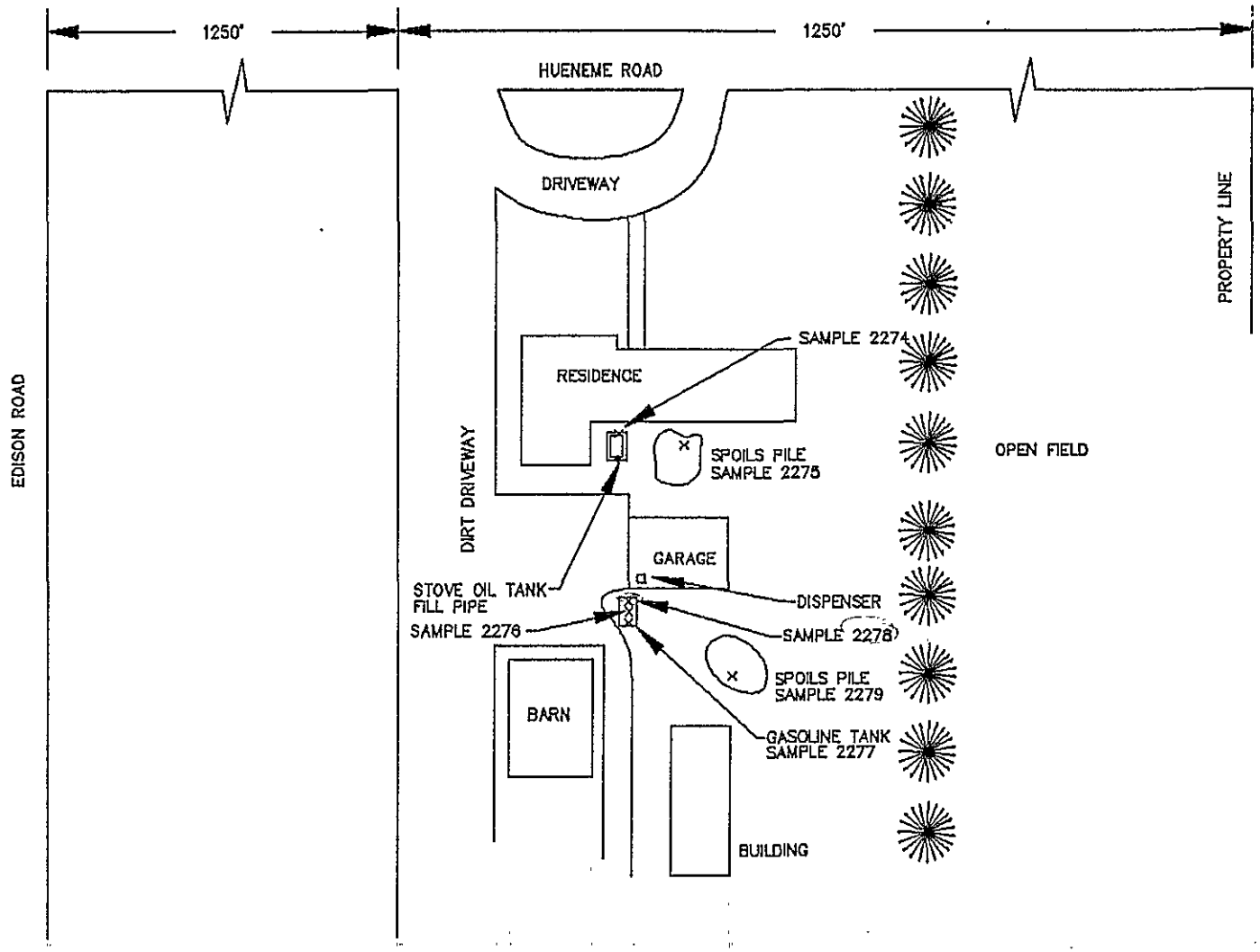
Comments: Appeared to be Some Contam. at each Tank. Heating oil tank had blue green soil, the gas tank had a black stained soil at either end on the bottom with a fuel-Carbon odor.

Inspector [signature] Page 1 of 1

DISTRIBUTION: White - Site File Yellow - Sample Log Binder



* A P.I.D. Reading was taken off some discolored soil sticking to the North end of the tank read 875.



SCALE 1" = 60'

0 10 25 50 100 FEET

N

PLOT PLAN I
SAMPLE LOCATIONS

REMIE CALLENS
1552 E HUENEME ROAD
OXNARD CA 93033

ENVIRONMENTAL
200 DOVE COURT • SANTA PAULA, CALIFORNIA • 93060

RESOURCE MANAGEMENT AGENCY
county of ventura

Environmental Health Division
Donald W. Koepp
Director

May 23, 1995

FILE COPY

Thomas Olsen
Remie Callens
Benton, Orr, Duval, & Buckingham
39 North California Street
Ventura, CA 93001-2620

File #C91057

CLOSURE OF UNDERGROUND TANK CLEANUP AT REMIE CALLENS, 1552 EAST HUENEME ROAD, OXNARD, CALIFORNIA

This letter confirms the completion of site investigation and remedial action for the underground storage tank(s) at the above-referenced location. Thank you for your cooperation throughout this investigation. With the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank release is required based on the available information as set forth in California Code of Regulations, Title 23, Division 3, Chapter 16, Article 11, Section 2721(e) (Underground Storage Tank Corrective Action Regulations).

If you have any questions regarding this matter, please contact Michael C. McFadden of the LUFT Program staff at (805) 654-3525, Monday through Thursday.

DONALD W. KOEPP, DIRECTOR
ENVIRONMENTAL HEALTH DIVISION
RESOURCE MANAGEMENT AGENCY

DWK/sg/5callens.clo

c: Albert Novak, Los Angeles Regional Water Quality Control Board
Janice Paulson, State Water Resources Control Board

800 South Victoria Avenue, Ventura, CA 93009-1730 (805) 654-3518 FAX (805) 654-2480

RESOURCE MANAGEMENT AGENCY
county of ventura

Environmental Health Division
Donald W. Koepp
Director

August 30, 1990

Manabi Farms
2292 E. Hueneme Road
Oxnard, CA 93033
Attn: Doug Mita

UNDERGROUND HAZARDOUS MATERIALS TANK RELEASE AT 2292 E. HUENEME ROAD, OXNARD

On August 24, 1990, a hazardous material release was reported at your underground tank location. We have determined contamination to be present and have referred your site to the Los Angeles Regional Water Quality Control Board (LARWQCB).

Contact the LARWQCB for cleanup work requirements at:

Los Angeles Regional
Water Quality Control Board
101 Centre Plaza Drive
Monterey Park, CA 91754-2156
Attn: Mr. Joshua Workman
(213) 266-7562

If you have any questions regarding this letter, please call me at (805) 654-2452, between the hours of 8:00-9:30 a.m. or 3:30-5:00 p.m., Monday through Friday.

Lori Braunesreither
LORI BRAUNESREITHER
UNDERGROUND TANKS PROGRAM
ENVIRONMENTAL HEALTH DEPARTMENT

LB/sw/ref-la

c: Joshua Workman - LARWQCB

801 South Victoria Avenue, Suite 304, Ventura, CA 93003 (805) 654-3518

REC'D SEP 20 1990

TANK TEAM, INC.
P. O. Box 1844,
Ojai, CA 93024
Phone: (805) 525-8960

September 18, 1990

ENVIRONMENTAL HEALTH DEPARTMENT
County of Ventura
801 South Victoria Avenue, Ste. 304
Ventura, CA 93003

Attention: Ms. Lori Braunesreither

Re: Permit to Abandon No. 1497
Manabi Farms, 2292 E. Hueneme Rd., Oxnard

Dear Ms. Braunesreither;

To complete the file on the subject tank removals on August 24, 1990, we enclose the laboratory analysis results on the soil samples retrieved during and after the removal operation.

The following describes the location of each sample in detail:

Sample ID #1 Dsl. Spl.
- random sample of the excavated soil pile from the Diesel Tank.

Sample ID #2 Undr. Dsl.
- from under the Diesel Tank and approximately 18 inches below tank bottom.

Sample ID #3 Undr. Gas
- from under the Gasoline Tank and approximately 18 inches below tank bottom.

Sample ID #4 Spls. Gas
- random sample of the excavated soil pile from the Gasoline Tank.

Based on these analysis results, we are closing the Diesel Tank excavation. And, we confirm that we have received your letter indicating that the site has been referred to the Los Angeles Regional Water Quality Control Board.

Thank you.

Yours truly,

Richard Maertz
Contractor

Encl.

cc. Manabi Farms, Inc., Attn: Mr. M. Hirasaki

Enseco

ENSECO—CRL/Ventura
2810 Bunsen Ave. Unit A • Ventura, CA 93003
(805) 650-0546 • FAX: (805) 650-0756

09/07/90

Tank Team, Inc.
1216 E. Santa Paula St.
Santa Paula, CA 93060
FAX #(805)525-8358

Attn: R.A. Maertz
805/525/8960

Project: Manabi

Sample #: 0236162701
Received: 08/24/90
Type: Soil

Collector: Client
Sampling Date & Time: 08/24/90, 1020
Method: Not Specified

I.D.: #1 Dsl. Spl.

CONSTITUENT	METHOD	RESULT	UNIT	MDL
-California DOHS Method-		Analyzed 8/29/90		
TPH as Diesel Fuel #2	DHS/LUFT	ND <10	mg/kg	10
-EPA Method 602/8020-		Analyzed 8/29/90		
Benzene	EPA 8020	ND <0.005	mg/kg	0.005
Toluene	EPA 8020	ND <0.005	mg/kg	0.005
Ethyl Benzene	EPA 8020	ND <0.005	mg/kg	0.005
Total Xylenes	EPA 8020	ND <0.015	mg/kg	0.015

[ND = None Detected; (G) = Grab; MDL = Minimum Detection Limit]

02361627

The Report Cover Letter is an integral part of this report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Enseco

ENSECO—CRL/Ventura
2810 Bunsen Ave. Unit A • Ventura, CA 93003
(805) 650-0546 • FAX: (805) 650-0756

09/07/90

Tank Team, Inc.
1216 E. Santa Paula St.
Santa Paula, CA 93060
FAX #(805)525-8358

Attn: R.A. Maertz
805/525/8960

Project: Manabi

Sample #: 0236162702
Received: 08/24/90
Type: Soil

Collector: Client
Sampling Date & Time: 08/24/90, 1055
Method: Not Specified

I.D.: #2 Undr. Dsl.

CONSTITUENT	METHOD	RESULT	UNIT	MDL
-California DOHS Method-		Analyzed 8/29/90		
TPH as Diesel Fuel #2	DHS/LUFT	ND <10	mg/kg	10
-EPA Method 602/8020-		Analyzed 8/29/90		
Benzene	EPA 8020	ND <0.005	mg/kg	0.005
Toluene	EPA 8020	ND <0.005	mg/kg	0.005
Ethyl Benzene	EPA 8020	ND <0.005	mg/kg	0.005
Total Xylenes	EPA 8020	ND <0.015	mg/kg	0.015

[ND = None Detected; (G) = Grab; MDL = Minimum Detection Limit]

02361627

The Report Cover Letter is an integral part of this report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Enseco

ENSECO—CRL/Ventura
2810 Bunsen Ave. Unit A • Ventura, CA 93003
(805) 650-0546 • FAX: (805) 650-0756

09/07/90

Tank Team, Inc.
1216 E. Santa Paula St.
Santa Paula, CA 93060
FAX #(805)525-8358

Attn: R.A. Maertz
805/525/8960

Project: Manabi

Sample #: 0236162703
Received: 08/24/90
Type: Soil

Collector: Client
Sampling Date & Time: 08/24/90, 1125
Method: Not Specified

I.D.: #3 Undr. Gas

CONSTITUENT	METHOD	RESULT	UNIT	MDL
Lead, Total	EPA 7420	5	mg/kg	1
-California DOHS Method-		Analyzed 8/30/90		
TPH as Gasoline	DHS/LUFT	370	mg/kg	1
-EPA Method 602/8020-		Analyzed 8/31/90		
Benzene	EPA 8020	ND <0.25	mg/kg	0.005
Toluene	EPA 8020	6.9	mg/kg	0.005
Ethyl Benzene	EPA 8020	ND <0.25	mg/kg	0.005
Total Xylenes	EPA 8020	27	mg/kg	0.015

6900 PPB

2700 PPB

Page: 3 (cont.)

[ND = None Detected; (G) = Grab; MDL = Minimum Detection Limit]

02361627

The Report Cover Letter is an integral part of this report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Enseco

ENSECO—CRL/Ventura
2810 Bunsen Ave. Unit A • Ventura, CA 93003
(805) 650-0546 • FAX: (805) 650-0756

09/07/90

Tank Team, Inc.
1216 E. Santa Paula St.
Santa Paula, CA 93060
FAX #(805)525-8358

Attn: R.A. Maertz
805/525/8960

Project: Manabi

Sample #: 0236162704
Received: 08/24/90
Type: Soil

Collector: Client
Sampling Date & Time: 08/24/90, 1130
Method: Not Specified

I.D.: #4 N. Spls. Gas

CONSTITUENT	METHOD	RESULT	UNIT	MDL
Lead, Total	EPA 7420	3.5	mg/kg	1
-California DOHS Method-		Analyzed 8/30/90		
TPH as Gasoline	DHS/LUFT	ND <1	mg/kg	1
-EPA Method 602/8020-		Analyzed 8/29/90		
Benzene	EPA 8020	ND <0.005	mg/kg	0.005
Toluene	EPA 8020	ND <0.005	mg/kg	0.005
Ethyl Benzene	EPA 8020	ND <0.005	mg/kg	0.005
Total Xylenes	EPA 8020	ND <0.015	mg/kg	0.015

J Lovelace
Reviewed

Approved

[ND = None Detected; (G) = Grab; MDL = Minimum Detection Limit]

02361627

The Report Cover Letter is an integral part of this report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Enseco
A CORNING Company

☐ 7440 Lincoln Way, Garden Grove, CA 92641, (714) 895-5494
☐ 2810 Bunsen Ave., Unit A Ventura, CA 93003, (805) 650-0546
☐ 2325 Skyway Dr., Unit K, Santa Maria, CA 93455, (805) 922-2776
☐ 9537 Telstar Ave., Unit 118, El Monte, CA 91731, (818) 442-8400
☐ Mobile Labs, (800) ENSECO-8

Date 8/24/90 Page 1 of 1
Lab Number

CLIENT: TANK TEAM INC.
ADDRESS: P.O. BOX 1844
OJAI, CA 93024
PROJECT NAME: MANABI
CONTRACT / PURCHASE ORDER / QUOTE #

PROJECT MANAGER: RICH MAERTZ
PHONE NUMBER: 525-8960
SITE CONTACT

ANALYSES

Sample No. / Identification	Date	Time	Lab Sample Number	SAMPLE TYPE LIQ.	AIR	SOLID	No. of Containers	Mod. 8015 - DSL	8015 - GAS	BTEX	TOTAL LEAD				Sample Condition/ REMARKS
#1 DSL. SPL.	8/24	1020				✓	1	✓		✓					rec'd chilled
#2 UNDR. DSL.		1055				✓	1	✓		✓					
#3 UNDR. GAS		1125				✓	1		✓	✓	✓				
#4 N. SPLS. GAS		1130				✓	1		✓	✓	✓				

SAMPLERS: (Signature) [signature]
Relinquished by: (Signature)
Received by: (Signature) — Date — Time
Received by: (Signature) — Date — Time

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Enseco Terms and Conditions, unless a contract or purchase order has been executed and is cited above.

Relinquished by: (Signature) [signature] — Date 8/24/90 — Time 1525
Received for Laboratory by: R. Phelan
Date RECEIVED 8-24-90 — Time 1535
Date ACCEPTED — Time

Method of Shipment:
Special Instructions:

SAMPLE DISPOSITION:
1. Storage time requested: _____ days
(Samples will be stored for 30 days without additional charges; thereafter storage charges will be billed at the published rates.)
2. Sample to be returned to client: Y N
(Enseco will dispose of unreturned samples at no extra charge. Disposal will be by incineration wherever possible; otherwise, as appropriate, according to legal requirements.)

DISTRIBUTION: White with report, Yellow to Enseco, Pink to Courier, Gold to Sample Control

ENVIRONMENTAL HEALTH DEPARTMENT

PROPOSITION 65 REPORT FORM

DATE REPORT TAKEN:	TIME REPORT TAKEN:	LOG NUMBER:	
09/25/90	12:42 P.M.		

NAME OF PERSON TAKING THE REPORT: LORI BRAUNESREITHER

NAME OF PERSON REPORTING:	JOB TITLE/POSITION:
LORI BRAUNESREITHER	ENV. HLTH. SPECIALIST
AGENCY/COMPANY NAME: R.M.A. - VENTURA COUNTY	AGENCY/COMPANY PHONE NUMBER: (805) 654-3518

AGENCY/COMPANY ADDRESS: 801 S. VICTORIA AVE. STE. 304, VENTURA, CA 93003

DATE OF INCIDENT:	TIME OF INCIDENT:
UNKNOWN	UNKNOWN

NAME/DESCRIPTION OF "SUSPECTED" MATERIAL INVOLVED: Gasoline

AMOUNT: Est. ~20 Gallons

PHYSICAL STATE:
- ☐ Solid
- ☒ Liquid
- ☐ Gas
- ☐ Other:

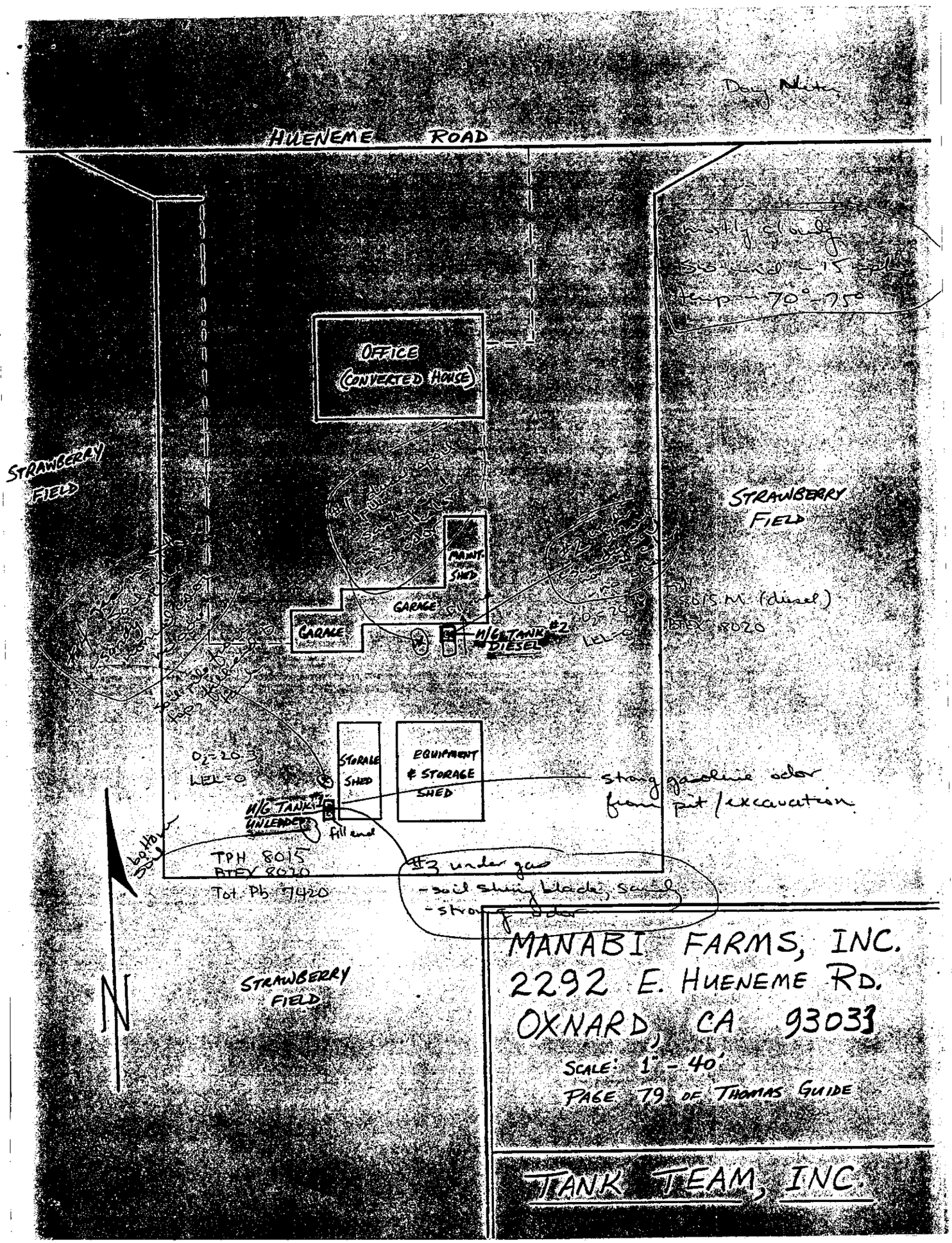
HOW DID THIS INCIDENT HAPPEN? UNDERGROUND TANK RELEASE
Soil sample results: TPH → 370 PPM
Toluene → 6900 PPB
Xylene → 2700 PPB

ADDRESS/LOCATION OF INCIDENT: Marshi Farms
2292 E. Huenome Rd.
Oxnard, CA

ACTION TAKEN: REFER TO LUFT

CC: ☐ EHD District Services
☐ EHD Haz. Mat. Specialist:

RMA-87-000014 (Rev. 5/89)*


Day Night
HUENEME ROAD
mostly cloudy
temp - 70° - 75°
OFFICE
(CONVERTED HOUSE)
STRAWBERRY FIELD
STRAWBERRY FIELD
PAINT SHED
GARAGE
GARAGE
U/G TANK #2
DIESEL
O2 - 20
LEL - 0
soil M (diesel)
BTEX 8020
STORAGE SHED
EQUIPMENT & STORAGE SHED
O2 = 20.3
LEL = 0
U/G TANK #1
UNLEADED
fill end
strong gasoline odor from pit / excavation
bathroom
TPH 8015
BTEX 8020
Tot. Pb 7420
#3 under gas
- soil shiny black, sandy
- strong odor
STRAWBERRY FIELD
N
MANABI FARMS, INC.
2292 E. HUENEME RD.
OXNARD, CA 93033
SCALE: 1" - 40'
PAGE 79 OF THOMAS GUIDE
TANK TEAM, INC.

1995

MANABI FARMS

STATE OF CALIFORNIA—ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500
FAX: (213) 266-7600

95 MAR 27 AM 10: 27

March 22, 1995

Mr. Manabi Hirasaki
2292 Hueneme Road
Oxnard, CA 93033

Dear Mr. Hirasaki:

UNDERGROUND STORAGE TANK CASE CLOSURE - MANABI FARMS
2292 HUENEME ROAD, OXNARD (ID #930330198)

This letter confirms the completion of the site investigation and remedial action for the underground storage tanks formerly located at the above-described location.

Based on the available information and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground storage tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, California Code of Regulations, Division 3, Chapter 16, Section 2721(e).

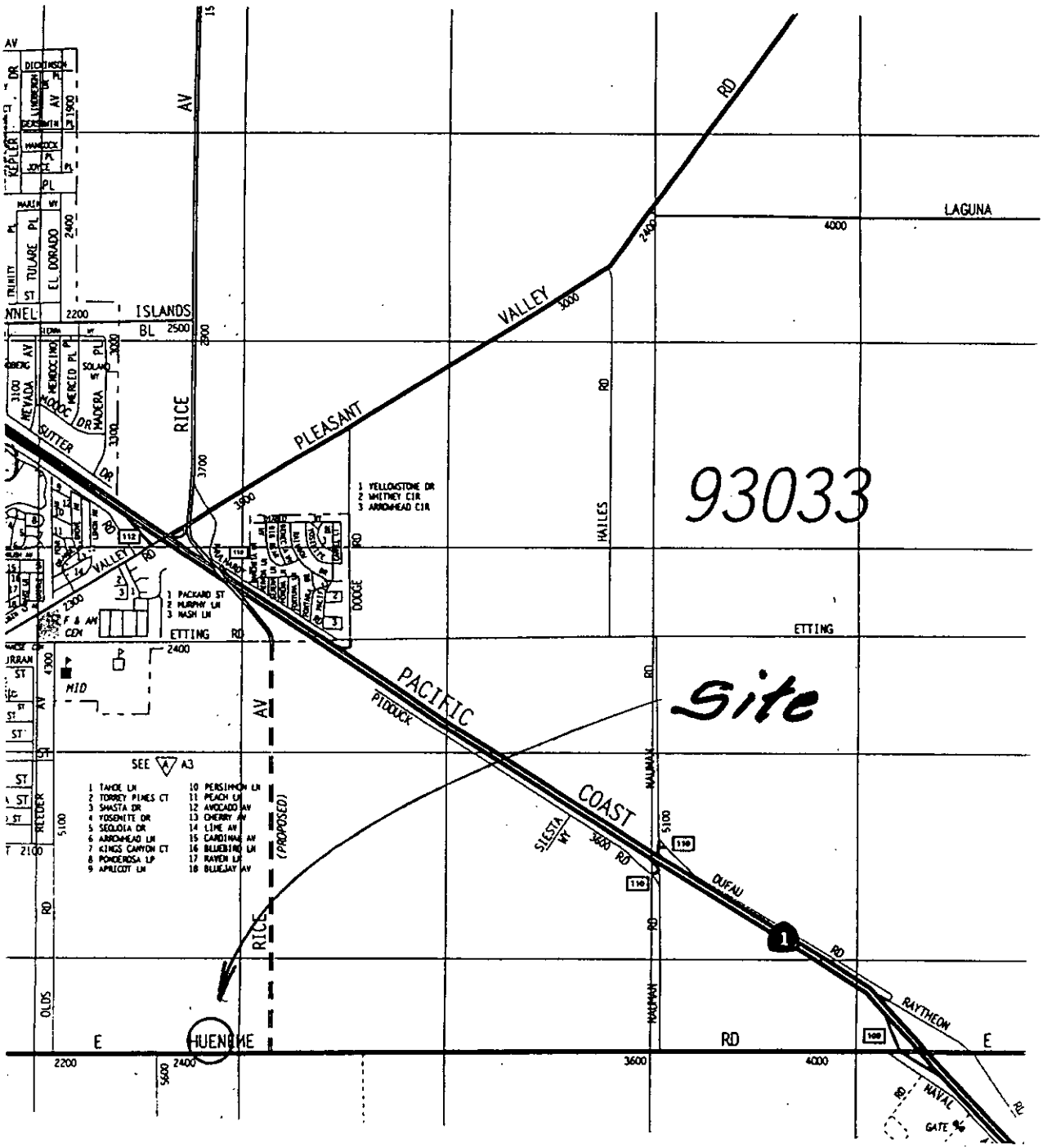
Please contact Dr. Nancy Adin at (213) 266-7676, if you have any questions concerning this matter.

Sincerely,

Robert P. Ghirelli

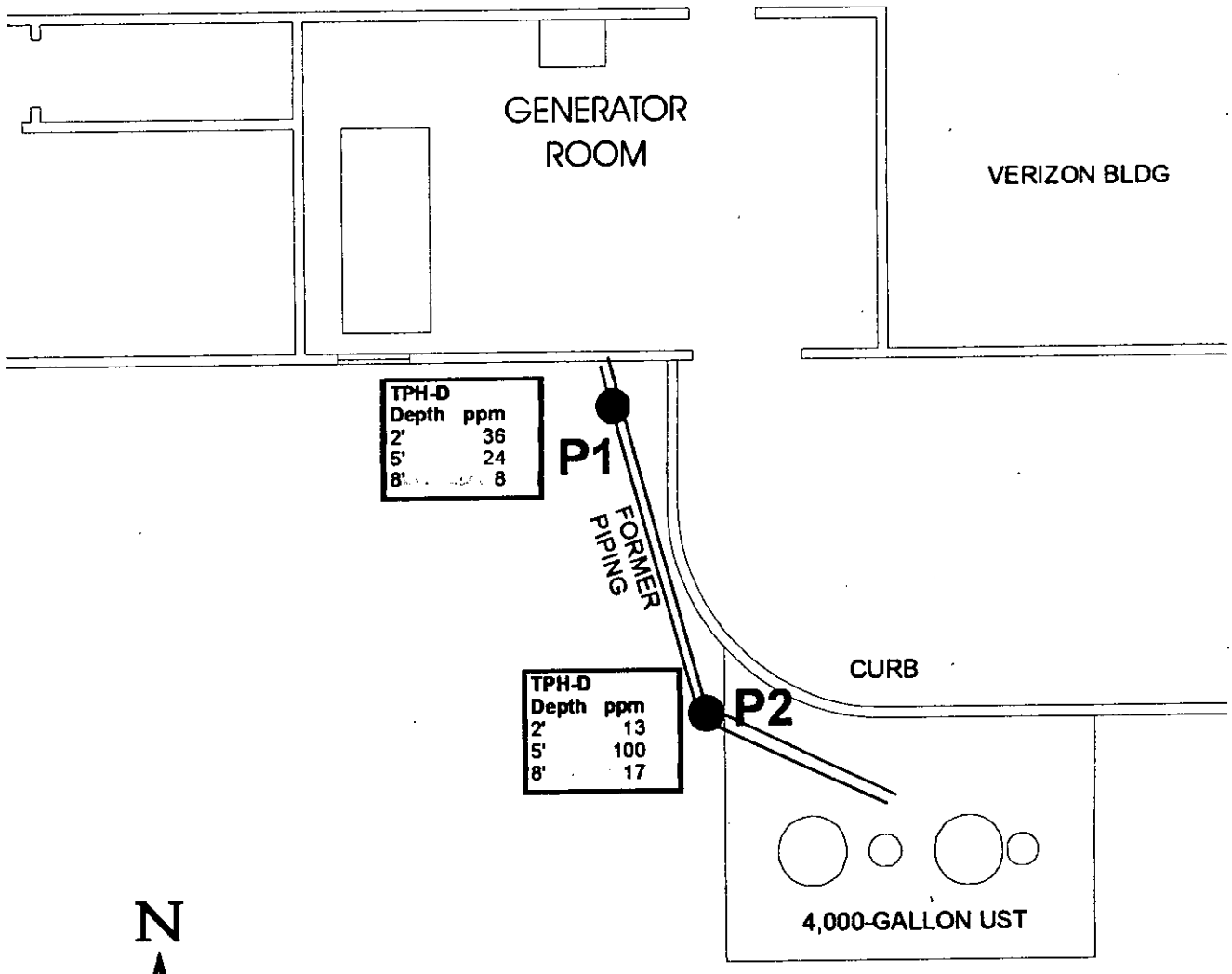
ROBERT P. GHIRELLI, D.Env.
Executive Officer

cc: Mr. Jorge Leon, State Water Resources Control Board, Office of Chief Counsel
Mr. Douglas Beach, Ventura County Environmental Health Division
Mr. Ralph Boyd, CB Commercial Real Estate Group, Inc.
Ms. Diane Wahl, Applied Environmental Technologies, Inc.



Verizon Mugu Central Office
2463 East Hueneme Road
Oxnard, California

Figure 1



SCALE

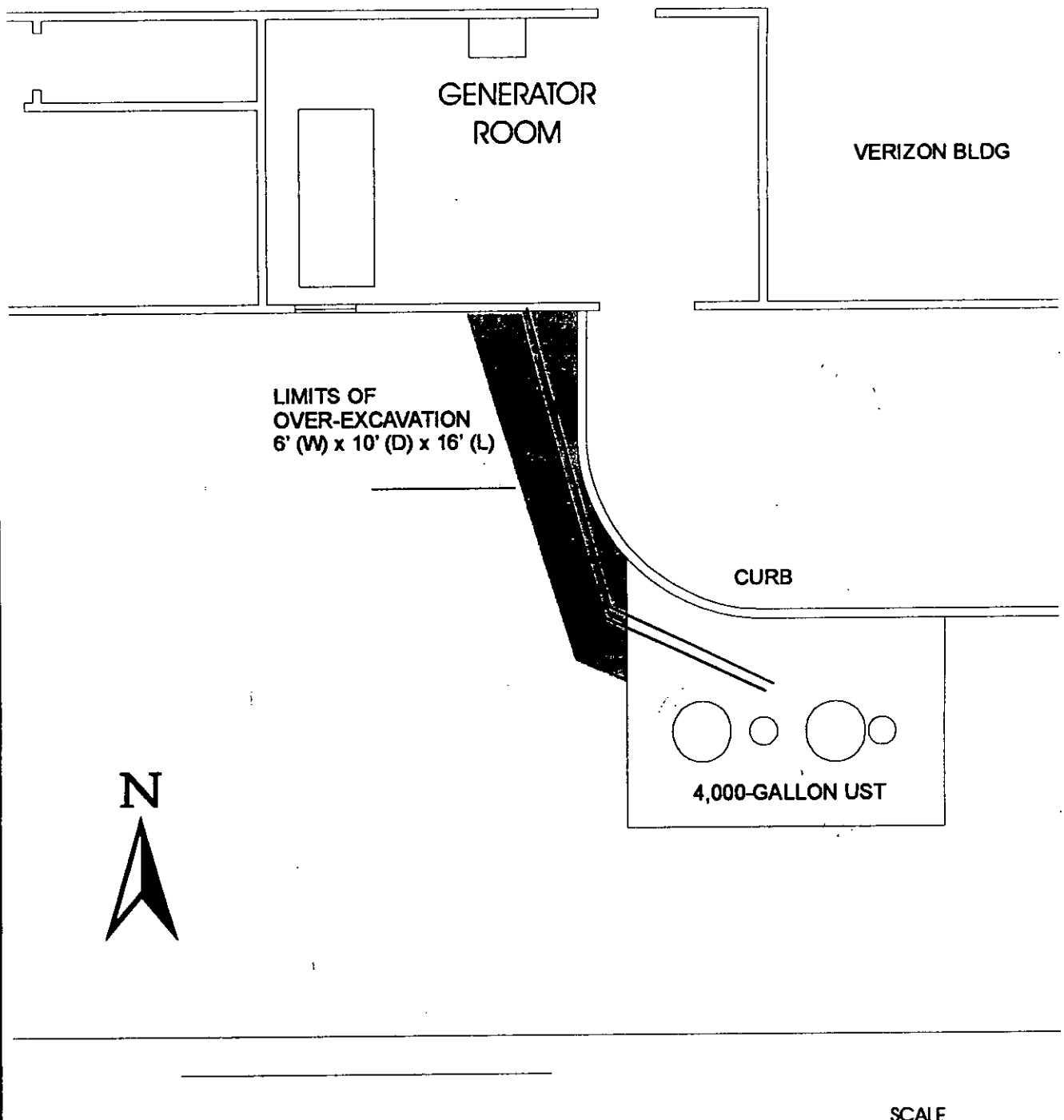
0 8 feet

HUENEME RD

P1 ● SOIL SAMPLE FROM BELOW PRODUCT PIPING

CLIENT	Verizon — MUGU C.O.
LOCATION	2463 E HUENEME RD, OXNARD CA 93033
TITLE	SAMPLING LOCATIONS TPH-D RESULTS IN mg/Kg
FIGURE NUMBER	2
PROJECT	2567-01
	GTE SM.LM.CDR

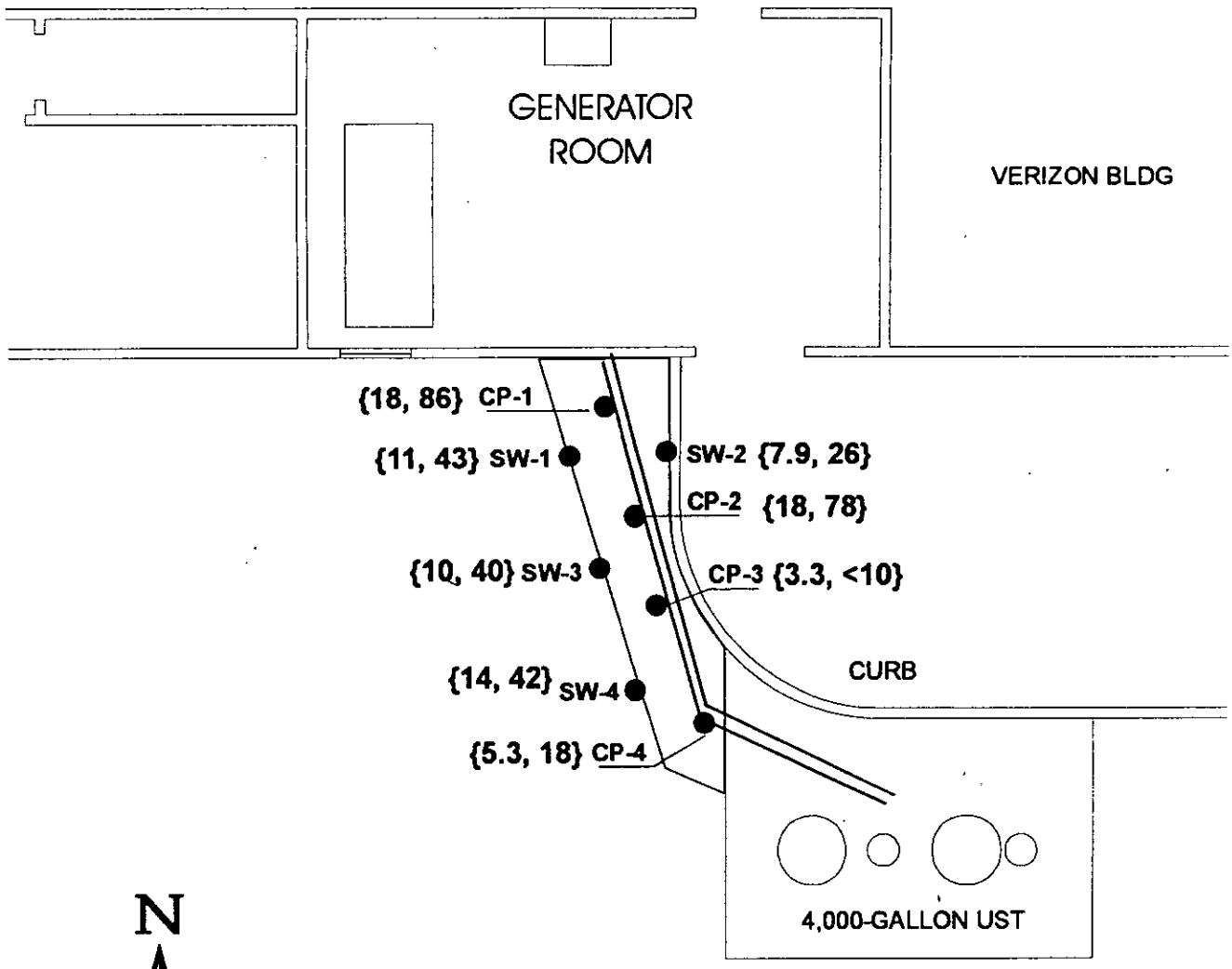
hydrologue, Inc.
Consulting Engineers & Geologists



HUENEME RD

CLIENT	Verizon — MUGU C.O.
LOCATION	2463 E HUENEME RD, OXNARD, CA 93033
TITLE	EXCAVATION PLAN
FIGURE NUMBER	3
PROJECT	2567-01
	GTE SM:LM.CDR

hydrologue, Inc.
Consulting Engineers & Geologists



SCALE
0 8 feet

HUENEME RD

{18, 86} {TPH- DIESEL, TPH-MOTOR OIL}
ALL RESULTS IN mg/Kg (ppm)

CP-2 ● CONFIRMATION SOIL SAMPLE FROM EXCAVATION BOTTOM

SW-3 ● CONFIRMATION SOIL SAMPLE FROM EXCAVATION SIDEWALL

CLIENT	Verizon — MUGU C.O.
LOCATION	2463 E HUENEME RD, OXNARD CA 93033
TITLE	RESULTS OF CONFIRMATION SOIL SAMPLES
FIGURE NUMBER	4
PROJECT	2567-01
	GTE SM:LM.CDR

hydrologue, Inc.
Consulting Engineers & Geologists

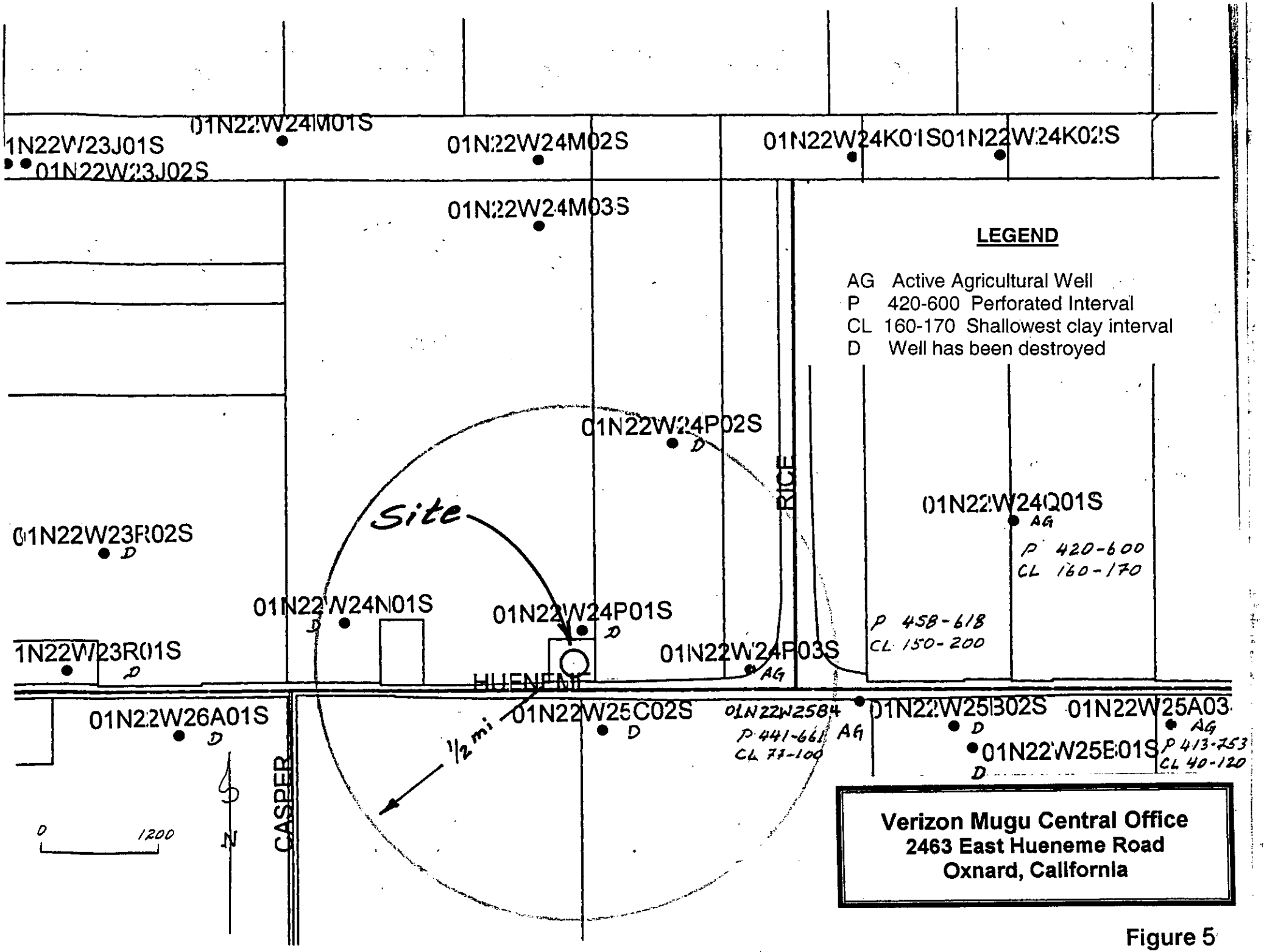

01N22W24M01S
1N22W23J01S
01N22W23J02S
01N22W24M02S
01N22W24K01S
01N22W24K02S
01N22W24M03S
LEGEND
AG Active Agricultural Well
P 420-600 Perforated Interval
CL 160-170 Shallowest clay interval
D Well has been destroyed
01N22W24P02S
D
RICE
Site
01N22W24Q01S
AG
P 420-600
CL 160-170
01N22W23R02S
D
01N22W24N01S
D
01N22W24P01S
D
P 458-618
CL 150-200
1N22W23R01S
D
01N22W24P03S
AG
HUENEME
01N22W26A01S
D
01N22W25C02S
D
01N22W25B4
P 441-661
CL 71-100
AG
01N22W25B02S
D
01N22W25A03
AG
P 413-753
CL 40-120
01N22W25E01S
D
1/2 mi
CASPER
0
1200
N
Verizon Mugu Central Office
2463 East Hueneme Road
Oxnard, California

Figure 5

LUFT SITE CORRECTIVE ACTION/ CLOSURE CHECKLIST

SITE ID: C 03039

SITE NAME: Verizon Mugu Central Office

SITE LOCATION: 2463 Hueneme Road, Oxnard

- [ ] GROUNDWATER SITE – RWQCB OVERSIGHT
- [x] SOIL ONLY SITE – VCEHD ONLY

- [x] MTBE SAMPLING CONDUCTED
  - [ ] MTBE IN GROUNDWATER
  - [ ] MTBE IN SOIL ONLY
  - [x] NO MTBE IN SOIL OR GROUNDWATER

- [x] LIST OF LAND OWNERS RECEIVED Verizon is sole owner.

- [NA] NOTIFICATION SENT TO LAND OWNERS BY R.P. DATE: _____

- [NA] 30-DAY WAITING PERIOD FOR COMMENT (UNLESS NOTIFIED BY PROPERTY OWNERS)

- [x] RBCA CONDUCTED ON RESIDUAL CONTAMINATION – SUMMARY ATTACHED
  - [x] PASSES RESIDENTIAL
  - [x] PASSES COMMERCIAL
  - [ ] DOES NOT PASS RBCA

- [x] ENCLOSURE: CLOSURE JUSTIFICATION, CASE CLOSURE SUMMARY

- [x] PROJECT MANAGER [signature]
- [✓] TECHNICAL REVIEW [signature] 12/23/03
- [✓] MANAGER APPROVAL [signature] 12/23/03

COMMENTS: _____

RESOURCE MANAGEMENT AGENCY
county of ventura

FILE COPY

Environmental Health Division
Robert Gallagher
Director

REMEDIAL ACTION COMPLETION CERTIFICATION

December 23, 2003

File #C03039

Mr. Masood Chaoudhury
Verizon Communications
P.O. Box 725, Mail Stop CA301HJ
Chino, CA 91708

SITE NAME/ADDRESS: **VERIZON MUGU CENTRAL OFFICE, 2463 HUENEME RD., OXNARD, CALIFORNIA**

This letter confirms the completion of a site investigation and corrective action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of the Health and Safety Code (HSC), subdivisions (a) and (b) of Section 25299.37 and with corrective action regulations adopted pursuant to HSC, Section 25299.77 and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to HSC, subdivision (h) of Section 25299.37.

If you have any questions, please contact David C. Salter at 805/662-6512.

Robert Gallagher

ROBERT J. GALLAGHER
DIRECTOR
ENVIRONMENTAL HEALTH DIVISION
RESOURCE MANAGEMENT AGENCY

Enclosure: Case Closure Summary Form

c: Mr. David A. Bacharowski, LARWQCB (w/enclosure)
Mr. Bob Trommer, State Water Resources Control Board (w/enclosure)

Carrold: Admin/Tanks/Luft/12-dcs-03039.clo

800 South Victoria Avenue, Ventura, CA 93009-1730 (805) 654-2813 FAX (805) 654-2480
Internet Web Site Address: www.ventura.org/envhealth

Case Closure Summary

Leaking Underground Fuel Tank Program

Date: 12/22/2003

I Agency Information

Agency Name: Ventura County Environmental Health	Address: 800 South Victoria Avenue
City/State/Zip: Ventura, CA 93009-1730	Phone: (805) 662-6512
Responsible Staff Person: D.C. Salter	Title: EHS III

II Case Information

Site facility name: Verizon Mugu Central Office

Site facility address: 2463 E. Hueneme Road, Oxnard

RB Lustis Case No: C-03039 | Local Case No: 03039 | LOP Case No: C03039

URF filing date: 8/4/03 | SWEEPS No:

Responsible Parties	Addresses	Phone Numbers
Verizon Communications	P.O. Box 725	(909) 613-1533
Masood Chaudhury	Mail Stop CA302HT	
	China, CA 91708	

Tank No.	Size in Gal	Contents	Closed In-Place/Removed?	Date
No tanks involved - product line replacement only				

III Release and Site Characterization Information

Cause and type of release: Piping leak

Site Characterization Complete? (Yes) No | Date approved by oversight agency: 11/03/2003

Monitoring Wells installed: Yes (No) | Number: | Proper screened interval? Yes No

Shallowest GW depth below ground surface: unknown | Deepest depth: unknown | Flow direction: unknown

Most sensitive current use: Communications office

Are drinking water wells affected? Yes (No) | Aquifer name: NA

Is surface water affected? Yes (No) | Nearest/~~affected~~ SW name: Pacific Ocean ±2.5 mi S

Off-site beneficial use impacts (addresses/locations) None

Report(s) on file? (Yes) No | Where filed? LUFT files

Treatment and Disposal of Affected Material

Material	Amount (incl. units)	Action (treatment or disposal w/destination)	Date
Tanks	None		
Piping	unknown	Disposal by MJK Construction (no manifest)	8/4/03
Free Product	None		
Soil	± 36 tons	Disposal at TPS Technologies, Adelanto	8/28/03
Groundwater	None		
Barrels	None		
Rinsate	unknown		

Case Closure Summary

Leaking Underground Fuel Tank Program

III Release and Site Characterization Information (Continued)

Contaminant	Soil (mg/kg)		Water (mg/L)		Contaminant	Soil (mg/kg)		Water (mg/L)	
	Before	After	Before	After		Before	After	Before	After
TPH (gas)	ND	ND	NA	NA	Total Xylenes	ND	ND	NA	NA
TPH (diesel)	100	18	NA	NA	Ethylbenzene	ND	ND	NA	NA
Benzene	ND	ND	NA	NA	Oil & Grease	NA	NA	NA	NA
Toluene	ND	ND	NA	NA	Heavy Metals Total Lead	7.18	NA	NA	NA
MTBE	ND	ND	NA	NA	Other TPHmo	NA	86	NA	NA

Comments (depth of remediation, etc.): "Before" values are for samples from the piping trench (Figure 2). "After" values are for samples taken after excavation of ± 36 tons of soil.

IV Closure

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? (Yes) No

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? (Yes) No

Do cleanup levels exceed Regional Board requirements? Yes (No) Identify:

Rational for exceeding RB requirements:

Does corrective action protect public health for current land use? (Yes) No

Site management requirements: None

Should corrective action be reviewed if land use changes? Yes (No)

Monitoring wells Decommissioned: Yes No | Number decomissioned: NA | Number Retained:

List enforcement actions taken: None

List enforcement actions rescinded: None

V Local Agency Representative Data

Name: D.C. Salter | Title EHS-III

Signature: DC Salter 12/23/03 | Date: 12/22/2003

VI RWQCB Notification

Date submitted to RB Executive Officer: | RB Response:

RWQCB Staff Name: | Title: | Date:

Additional Comments, Data, Etc.

JAN 0 7 2004

Site Documents Go

REGULATORS HOME | SEARCH | EDIT PROFILE | LOGOUT

VERIZON MUGU CENTRAL OFFICE (T0611170899)
2463 HUENEME RD
OXNARD , CA 93033
VENTURA COUNTY
VIEW ELECTRONIC DATA

LEAD AGENCY
VENTURA COUNTY LOP - *DCS* - CASE # 03039
NON-LEAD AGENCY
LOS ANGELES RWQCB (REGION 4) - *UNK* - CASE # C-03039

SITE DOCUMENTS

UPLOAD NEW SITE DOCUMENT

DOCUMENT TITLE	DOCUMENT TYPE	DOCUMENT SIZE	SUBMITTED BY	SUBMIT DATE	
03039.CLO	SITE CLOSURE DOCUMENT	1169KB	marilou benitez	1/7/2004 10:00:34 AM	[DELETE]

COUNTY OF VENTURA
ENVIRONMENTAL HEALTH DEPARTMENT

#626

APPLICATION FOR PERMIT TO ABANDON UNDERGROUND HAZARDOUS MATERIAL STORAGE TANK

Joint Agency Application For Permit To Abandon Underground Hazardous Materials Storage Tank

TANK LOCATION 3000 E. HUENEME RD OXNARD CALIF	
OWNER NAUMANN BROS PACKING CO	CONTACT/PHONE DAVID GRAU (805) 488 6401
MAILING ADDRESS (Number, Street, City and Zip Code) 3000 E. HUENEME RD OXNARD CALIF	
OPERATOR NAUMANN BROS PACKING CO	CONTACT/PHONE DAVID GRAU (805) 488 6401
MAILING ADDRESS (Number, Street, City and Zip Code) 3000 E. HUENEME RD OXNARD CALIF	
REMOVAL CONTRACTOR PIPE LAYS	CONTACT/PHONE KIRK JORDAN (805) 656-4677
MAILING ADDRESS (Number, Street, City and Zip Code) 891 CORPORATION ST SANTA PAULA CALIF 93060	
WORKMEN'S COMPENSATION INSURANCE COMPANY STATE COMP INSURANCE FUND #536-922	PHONE (805) 644-4300

PREVIOUS OWNER AND OPERATORS TANK(S)

DATE	OWNER/OPERATOR
	TANKS APROX 10-15 YRS OLD

COMPLETE THE FOLLOWING FOR EACH TANK TO BE ABANDONED

TANK NO.	SIZE	CONSTRUCTION (Steel, Fiberglass, Etc.)	CONTENTS PRESENT AND PREVIOUSLY
1	4000	STEEL PACKING SHED	DIESEL
2	4000	STEEL MAIN. SHOP	GAS
3	4000	STEEL MAIN. SHOP	GAS
4			
5			

Estimated Start Date ~~[illegible]~~ May 27, 1987

ATTACH A PLOT PLAN SHOWING:

- [x] Location of all tanks, piping and secondary containment
- [x] Leak detection system N/A
- [x] Overfill protection system NONE
- [x] Scale N/A
- [x] North arrow
- [x] Property lines N/A
- [x] Nearest intersection or road
- [x] Equipment summary N/A
- [x] Existing equipment and equipment to be removed, ALL
- × DROP BOXES OST

SIGNATURES OF APPLICANT OR REPRESENTATIVE

5-21-87
DATE

FOR OFFICE USE ONLY

APPLICATION: [x] Approved ☐ Abandon in Place [x] Removal

See Conditions for Approval on Back of Form

- [x] Fee 275.50
- [x] Check No. 14632
- [x] Receipt No. 12383
- ☐ File No.
- [x] Date 5/21/87

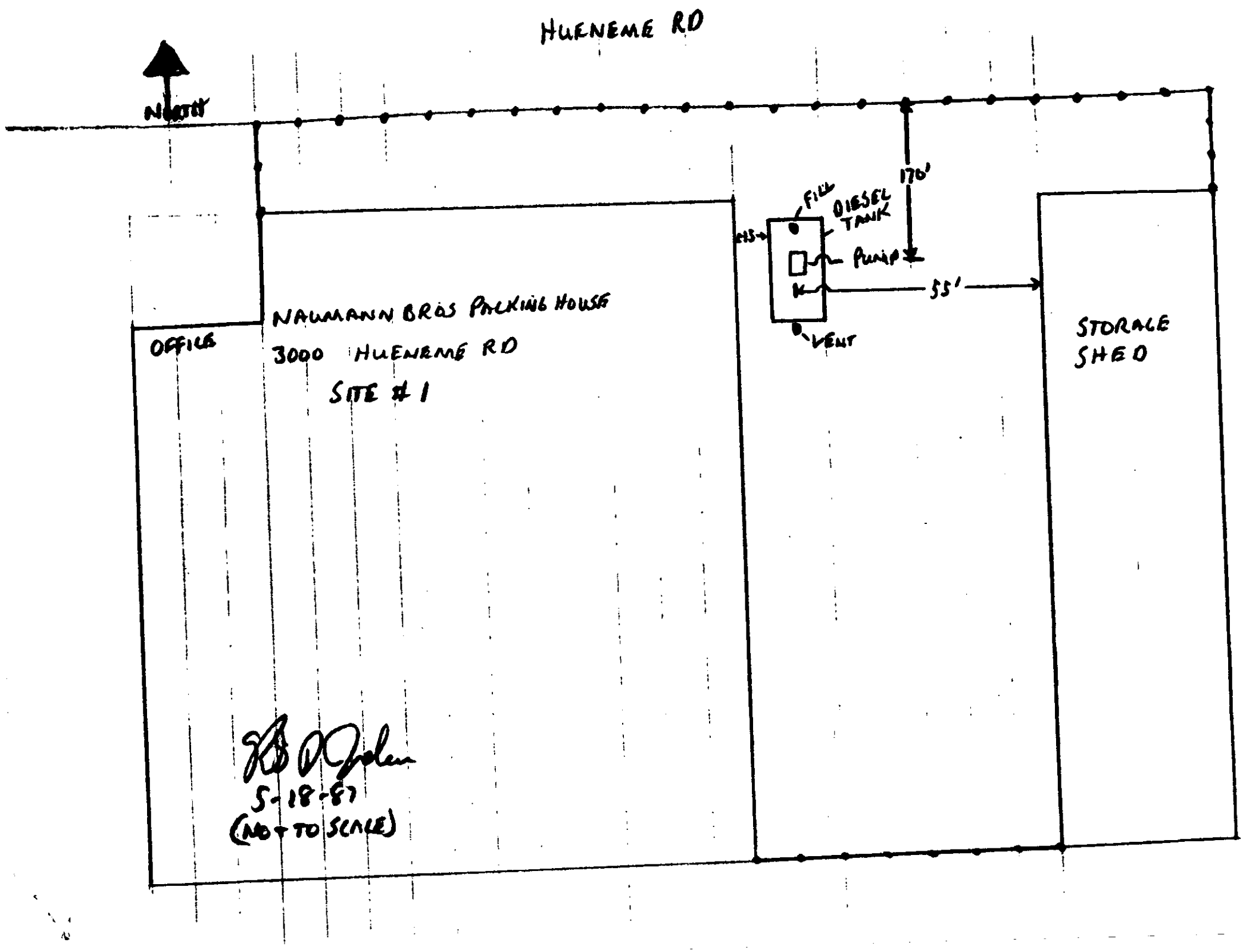
☐ Denied Reason for Denial:

By Linda Norwood
INSPECTOR

5-22-87
DATE

RMA-304 (2/86)

DISTRIBUTION: **White**—EH **Canary**—Contractor **Pink**—Applicant **Goldenrod**—Fire Dept.


HUENEME RD
NORTH
170'
FILL
DIESEL TANK
PUMP
55'
VENT
OFFICE
NAUMANN BROS PACKING HOUSE
3000 HUENEME RD
SITE # 1
STORAGE SHED
5-18-87
(NOT TO SCALE)

PW ENVIRONMENTAL

DIVISION OF PIPE WAYS

891 CORPORATION STREET
SANTA PAULA, CA 93060
(805) 656-4677
(805) 525-5563

AUGUST 24, 1987

GREG SMITH
COUNTY OF VENTURA
ENVIRONMENTAL HEALTH DEPARTMENT
800 SOUTH VICTORIA AVENUE
VENTURA CA 93009

DEAR GREG:

SUBJECT: UNDERGROUND HAZARDOUS MATERIALS TANK RELEASE AT NAUMANN BROS., 3000 EAST HUENEME ROAD, OXNARD.

DURING OUR EXCAVATION OF TANKS AT NAUMANN BROS. WE DISCOVERED GASOLINE CONTAMINATION DUE TO TANK LEAKAGE. (SEE LAB ANALYSES ENCLOSED.) PLUMBING LEAKS WERE ALSO DISCOVERED UNDER THE PUMPS LOCATION. EXCAVATION AND ISOLATION OF THIS CONTAMINATED SOIL WAS COMPLETED WITH SOIL BEING DISPOSED OF AT THE C.R.I.T. LANDFILL IN PARKER, ARIZONA. (SEE COPIES OF THE WASTE MANIFESTS.) THERE WAS A HEAVY CLAY LAYER THAT HAD INHIBITED CONTACT WITH GROUNDWATER AND THE LATEST SOIL SAMPLES SHOW NO FURTHER CONTAMINATION. WE DO NOT FEEL A GEOLOGICAL STUDY IS NEEDED.

SINCERELY,

BILL JORDAN

ENCLOSURES

CC: DAVID P. GRAU, CONTROLLER,
NAUMANN BROS.

FGL ENVIRONMENTAL
ANALYTICAL CHEMISTS

August 6, 1987
Lab. No. 78858-2

Pipeways, Inc.
891 Corporation St.
Santa Paula, CA 93060

Gentlemen:

RE: TOTAL LEAD ANALYSIS

Presenting results of analysis performed on your soil samples received July 27, 1987. The sample has been described, as received, along with the data.

DATA

Description	Wet Weight Total Lead mg/kg (ppm)
00025	less than 3

Method of Analysis EPA SW846 7420, 7421.

It should be noted that the TTLC Total Threshold Limit Concentration under Title 22, Article 11 of the California Administrative Code is 1000 mg/kg and the STLC or Soluble Threshold Limit Concentration is 5 mg/l.

If there are questions, please call or write.

Very truly yours,
FGL ENVIRONMENTAL

Deborah Atraqchi

Deborah Atraqchi

John F. Quinn

John F. Quinn, Ph.D.

DA/JFQ:cem

FGL ENVIRONMENTAL

ANALYTICAL CHEMISTS

CLIENT: Pipeways, Inc.
891 Corporation St.
Santa Paula, CA 93060

DATE: August 6, 1987

RECEIVED: July 27, 1987

DESCRIPTION: 00025

LAB. NO.: 78858-2

REPORT OF ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

	ppm (mg/kg)
TPH	less than 10

Respectfully submitted,
FGL ENVIRONMENTAL

Deborah Atraqchi

Deborah Atraqchi

John F. Quinn

John F. Quinn, Ph.D.

DA/JFQ:cem

Method of Analysis: EPA SW846 8015 (GC-FID)

FGL ENVIRONMENTAL

ANALYTICAL CHEMISTS

CLIENT: Pipeways, Inc.
891 Corporation St.
Santa Paula, CA 93060

DATE: August 6, 1987

RECEIVED: July 27, 1987

LAB. NO.: 78858-2

SAMPLE DESCRIPTION: 00025

REPORT OF ANALYSIS FOR EPA METHOD 8020-VOLATILE AROMATICS

	ug/kg (ppb)
Benzene	less than 0.2
Toluene	less than 10
Xylenes	less than 10

Respectfully submitted,
FGL ENVIRONMENTAL

Deborah Atraqchi

Deborah Atraqchi

John F. Quinn

John F. Quinn, Ph.D.

DA/JFQ:cem

Method of Analysis EPA SW846 8020

BTX

FGL ENVIRONMENTAL

ANALYTICAL CHEMISTS

August 6, 1987
Lab. No. 78858-3

Pipeways, Inc.
891 Corporation St.
Santa Paula, CA 93060

Gentlemen:

RE: TOTAL LEAD ANALYSIS

Presenting results of analyses performed on your soil sample received July 27, 1987. The sample has been described, as received, along with the data.

DATA

Description	Wet Weight Total Lead mg/kg (ppm)
00026	less than 3

Method of Analysis EPA SW846 7420, 7421.

It should be noted that the TTLC Total Threshold Limit Concentration under Title 22, Article 11 of the California Administrative Code is 1000 mg/kg and the STLC or Soluble Threshold Limit Concentration is 5 mg/l.

If there are questions, please call or write.

Very truly yours,
FGL ENVIRONMENTAL

Deborah Atraqchi

Deborah Atraqchi

John F. Quinn

John F. Quinn, Ph.D.

DA/JFQ:cem

MAIN OFFICE & LABORATORY — 853 CORPORATION STREET — P.O. BOX 272 SANTA PAULA, CALIFORNIA 93060-0272
FIELD OFFICE & LABORATORY — 717 BRIDGE STREET COLUSA, CALIFORNIA 95932

FGL ENVIRONMENTAL

ANALYTICAL CHEMISTS

CLIENT: Pipeways, Inc.
891 Corporation Street
Santa Paula

DATE: August 6, 1987

RECEIVED: July 27, 1987

SAMPLE DESCRIPTION: 00026

LAB. NO.: 78858-3

REPORT OF ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

	mg/kg (ppm)
TPH	less than 10

Respectfully submitted,
FGL ENVIRONMENTAL

Deborah Atraqchi

Deborah Atraqchi

DA/JFQ:cem

John F. Quinn

John F. Quinn, Ph.D.

Method of Analysis: EPA SW846 8015 (GC-FID)

FGL ENVIRONMENTAL

ANALYTICAL CHEMISTS

CLIENT: Pipeways, Inc.
891 Corporation St.
Santa Paula, CA 93060

DATE: August 6, 1987

RECEIVED: July 27, 1987

LAB. NO.: 78858-3

SAMPLE DESCRIPTION: 00026

REPORT OF ANALYSIS FOR EPA METHOD 8020-VOLATILE AROMATICS

	ug/kg (ppb)
Benzene	less than 0.2
Toluene	less than 10
Xylenes	less than 10

Respectfully submitted,
FGL ENVIRONMENTAL

Deborah Atraqchi

Deborah Atraqchi

John F. Quinn

John F. Quinn, Ph.D.

DA/JFQ:cem

Method of Analysis EPA SW846 8020

BTX

C.L.TECHNOLOGY, INC.

July 31, 1987

Pipeways Irrigation Systems
891 Corporation Street
Santa Paula, CA 93060

Recieved: 7/28/87
Reported: 7/31/87

Lab W.O. # 02
Client P.O. # Verbal
Invoice #

Sample: Soil Samples

ANALYTICAL RESULTS

CLT SPL #	DESCRIPTION	TOT LEAD	TOT PET. HYDROCARBONS	BENZENE	TOLUENE	XYLENE
		EPA 7421 dl 0.01	EPA 8015 dl 10	EPA 8020 dl 0.05	EPA 8020 dl 0.05	EPA 8020 dl 0.01
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
3089	# 00028	6.37	ND	ND	ND	ND

DL = Detection Limits

Analyst _____

C.L.TECHNOLOGY, INC.

July 31, 1987

Pipeways Irrigation Systems
891 Corporation Street
Santa Paula, CA 93060

Recieved: 7/28/87
Reported: 7/31/87

Lab W.O. # 02
Client P.O. # Verbal
Invoice #

Sample: Soil Samples

CLT SPL #	DESCRIPTION	TOT LEAD	TOT PET. HYDROCARBONS	BENZENE	TOLUENE	XYLENE
		ANALYTICAL RESULTS				
		EPA 7421 dl 0.01	EPA 8015 dl 10	EPA 8020 dl 0.05	EPA 8020 dl 0.05	EPA 8020 dl 0.01
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
3090	# 00029	8.63	ND	ND	ND	ND

DL = Detection Limits

Analyst

290 NORTH SMITH AVENUE · CORONA, CALIFORNIA 91720 (714) 734-0600 FAX (714) 734-2802 TELEX #510601 1187

C.L.TECHNOLOGY, INC.

July 31, 1987

Pipeways Irrigation Systems
891 Corporation Street
Santa Paula, CA 93060

Recieved: 7/28/87
Reported: 7/31/87

Lab W.O. # 02
Client P.O. # Verbal
Invoice #

Sample: Soil Samples

CLT SPL #	DESCRIPTION	ANALYTICAL RESULTS TOT LEAD	TOT PET. HYDROCARBONS	BENZENE	TOLUENE	XYLENE
		EPA 7421 dl 0.01	EPA 8015 dl 10	EPA 8020 dl 0.05	EPA 8020 dl 0.05	EPA 8020 dl 0.01
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
3091	# 00030	4.76	ND	ND	ND	ND

DL = Detection Limits

Analyst

C.L.TECHNOLOGY, INC.

July 31, 1987

Pipeways Irrigation Systems
891 Corporation Street
Santa Paula, CA 93060

Recieved: 7/28/87
Reported: 7/31/87

Lab W.O. # 02
Client P.O. # Verbal
Invoice #

Sample: Soil Samples

ANALYTICAL RESULTS

CLT SPL #	DESCRIPTION	TOT LEAD	TOT PET. HYDROCARBONS	BENZENE	TOLUENE	XYLENE
		EPA 7421 dl 0.01	EPA 8015 dl 10	EPA 8020 dl 0.05	EPA 8020 dl 0.05	EPA 8020 dl 0.01
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
3092	# 00031	5.96	ND	ND	ND	ND

DL = Detection Limits

Analyst

280 NORTH SMITH AVENUE · CORONA, CALIFORNIA 91720 (714) 734-9600 FAX (714) 734-2802 TELEX #5106011187

FGL ENVIRONMENTAL

ANALYTICAL CHEMISTS

August 24, 1987
Lab. No. 78885-1

Pipeways, Inc.
891 Corporation St.
Santa Paula, CA 93060

Gentlemen:

RE: TOTAL LEAD ANALYSIS

Presenting results of analysis performed on your soil sample received August 7, 1987. The sample has been described, as received, along with the data.

DATA

Description	Total Lead Wet Weight mg/kg (ppm)
00077	6

EPA SW846 Method 7420, 7421

It should be noted that the TTLC Total Threshold Limit Concentration under Title 22, Article 11 of the California Administrative Code is 1000 mg/kg and the STLC or Soluble Threshold Limit Concentration is 5 mg/l.

If there are questions, please call or write.

Very truly yours,
FGL ENVIRONMENTAL

Paul Bredt

Paul Bredt

John F. Quinn

John F. Quinn, Ph.D.

PB/JFQ:cem

FGL ENVIRONMENTAL

ANALYTICAL CHEMISTS

CLIENT: Pipeways, Inc.
891 Corporation St.
Santa Paula, CA 93060

DATE: 8/24/87

RECEIVED: 8/7/87

SAMPLE DESCRIPTION: 00077

LAB. NO.: 78885-1

REPORT OF ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS (TPH)

	mg/kg (ppm)
TPH	less than 10

Respectfully submitted,
FGL ENVIRONMENTAL

Michael Harrold

Michael Harrold

MH/JFQ:cem

John F. Quinn

John F. Quinn, Ph.D.

Method of Analysis: EPA SW846 8015 (GC-FID)

FGL ENVIRONMENTAL

ANALYTICAL CHEMISTS

CLIENT: Pipeways, Inc.
891 Corporation St.
Santa Paula, CA 93060

DATE: 8/24/87

RECEIVED: 8/7/87

SAMPLE DESCRIPTION: 00077

LAB. NO.: 78885-1

REPORT OF ANALYSIS FOR EPA METHOD 8020-VOLATILE AROMATICS

	ug/kg (ppb)
Benzene	** 0.2
Toluene	** 10
Xylenes	** 10

** indicates "not present at or above the indicated value".

Respectfully submitted,
FGL ENVIRONMENTAL

Deborah Atraqchi

Deborah Atraqchi

John F. Quinn

John F. Quinn, Ph.D.

DA/JFQ:cem

Method of Analysis: EPA SW846 8020

BTX

FGL ENVIRONMENTAL

ANALYTICAL CHEMISTS

August 7, 1987
Lab. No. 78875-3

Pipeways, Inc.
891 Corporation St.
Santa Paula, CA 93060

Gentlemen:

RE: TOTAL LEAD ANALYSIS

Presenting results of analysis performed on your soil sample received August 3, 1987. The sample has been described, as received, along with the data.

DATA

location?

Description	Total Lead Wet Weight mg/kg (ppm)
00053	6

EPA SW846 Method 7420, 7421

It should be noted that the TTLC Total Threshold Limit Concentration under Title 22, Article 11 of the California Administrative Code is 1000 mg/kg and the STLC or Soluble Threshold Limit Concentration is 5 mg/l.

If there are questions, please call or write.

Very truly yours,
FGL ENVIRONMENTAL

Debbie Atraqchi

Debbie Atraqchi

John F. Quinn

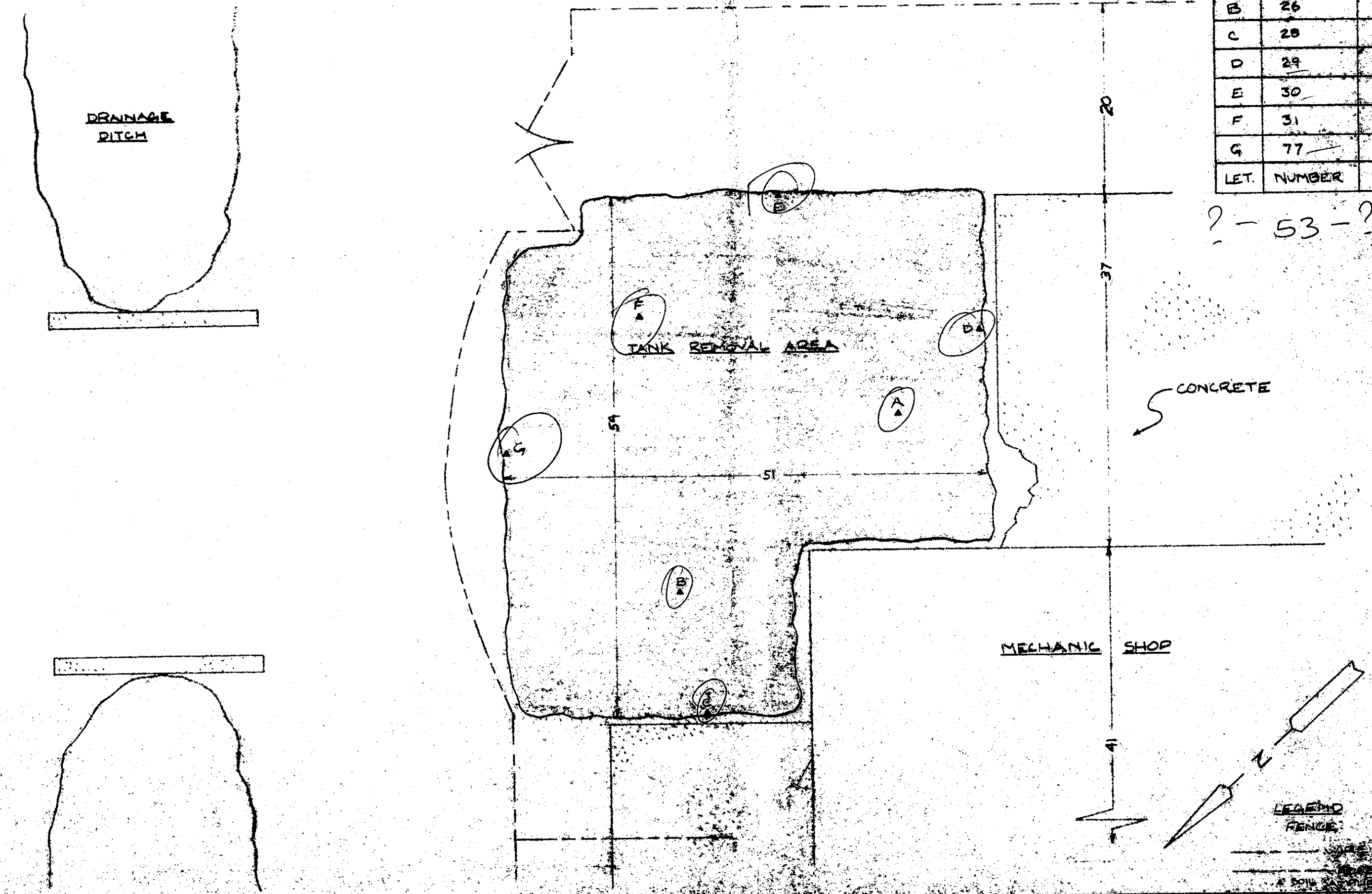
John F. Quinn, Ph.D.

DA/JFQ:cem

**BACKGROUND SAMPLES

SOIL SAMPLE		
A	25	5'
B	26	7'6"
C	28	4'11"
D	29	5'
E	30	4'9"
F	31	7'
G	77	6'
LET.	NUMBER	DEPTH

? - 53 - ?



NAVMAR

RESOURCE MANAGEMENT AGENCY
county of ventura

Environmental Health Department
Donald W. Koepp
Director

December 4, 1987

Nauman Brothers
3250 E. Hueneme Rd.
P.O. Box 2887
Oxnard CA 93030

CLEAN UP OF CONTAMINATED SOIL

We received your final report regarding your site at 3000 E. Hueneme Rd., Oxnard.

After careful review of the sample results presented, we have concluded that clean up is complete and no further action will be required at this time.

If you have any questions, you may contact Greg Smith at 654-5038.

Terrence Gilday

TERRENCE O. GILDAY, MANAGER
TECHNICAL SERVICES SECTION
ENVIRONMENTAL HEALTH DEPARTMENT

TOG/GS/pp

Enc. - Invoice

cc: RWQCB
P. W. Environmental

800 South Victoria Avenue, Ventura, CA 93009 (805) 654-2813

McClelland consultants

1989 MAR -1 AM 10:54

February 21, 1989
Job No. 0901-6278

Herman J. Becker
3121 Hueneme Road
Oxnard, CA 93030

Dear Mr. Becker:

Subsurface Investigation for Detection of
Possible Petroleum Hydrocarbon Contamination
3121 Hueneme Road
Oxnard, California

Introduction

Presented in this report are the results of our subsurface investigation performed at 3121 Hueneme Road, Oxnard, California. This investigation was performed at the request of Mr. Herman J. Becker and in accordance with McClelland Consultants Contract No. 0901-6278 dated December 22, 1988. The purpose of this investigation was to determine if detectable concentrations of petroleum hydrocarbons exist in the soil and groundwater in the vicinity of the tank excavation.

Project History

On the project site three 1,000-gallon underground petroleum storage tanks were previously removed and permanently abandoned. The tanks had contained diesel, regular leaded, and super leaded petroleum products. The tank excavation was backfilled with native materials and no soil samples were taken from below the tanks. The Ventura County Department of Environmental Health subsequently requested that a site assessment be performed to determine if a petroleum hydrocarbon release had occurred.

Geologic Setting and Hydrogeology

The geologic setting of the project site is within the coastal plains of the Oxnard Basin. The Oxnard Basin soils consist of post-glacial deposits of alluvial sands and gravels, lagooned silts and clays, and dune sands.

In the Oxnard Basin, groundwater is commonly encountered at shallow depths (between 0 and 30 feet below ground surface). In the vicinity of 3121 Hueneme Road groundwater was encountered at 6 to 7 ft below ground surface. The groundwater encountered at this depth is part of a semi-perched aquifer which is

McClelland Consultants (West), Inc.
2140 Eastman Avenue, Ventura, California 93003
(805) 644-5535, FAX: (805) 642-4791
A member of the Fugro-McClelland group of companies

considered non-potable. This semi-perched aquifer is underlain by a semi-permeable to impermeable zone of silts and clays. Below this impermeable zone is the Oxnard aquifer which provides some of the drinking and agricultural water for the city of Oxnard.

Methodology

Subsurface drilling was performed by Valley Well Drilling under the direction of a field geologist from McClelland Consultants. Three soil borings were advanced on the project site with a truck-mounted Georex D-500 drill rig using a continuous flight 8-inch hollow-stem auger drilling method (see Plate 1 for locations). The soil borings were advanced to a depth of 30 ft below ground surface. Soil samples were obtained with a "Modified California" sampler at a depth of 5 ft. Soil samples for chemical analyses were recovered in brass liners, sealed with Teflon, and stored on ice for transport to a state-certified laboratory for analysis. The soil samples were analyzed for total petroleum hydrocarbons (TPH), by EPA method 8015, for aromatic volatile organics (benzene, toluene, xylenes, ethyl benzene) by EPA method 8020, and for total lead by EPA method 7420. Laboratory analysis reports are included in Appendix A and the results presented in Table 1. Graphic soil boring logs are shown on Plates 2 through 4.

In addition to collecting soil samples for laboratory analysis, volatile organic gas concentrations within the soil were measured using a HNu photo-ionization detector. The results of the HNu analyses are presented in Table 2.

Soil samples obtained for total background lead concentrations were recovered from three locations along the perimeter of the property (see Plate 1 for locations). The soil samples were obtained from approximately 3 feet below the ground surface using a "JMC" hand auger. The soil samples were recovered in brass liners, sealed with Teflon, and stored on ice for transport to a state certified laboratory for analysis. The samples were analyzed for total lead concentrations by EPA method 7420. Laboratory analyses reports are included in Appendix A and the results are presented in Table 3.

Surveying of monitoring wells was performed by Land and Sea Surveys, Inc., under work order #232-1. All well elevations were surveyed relative to a temporary bench mark (TBM) located on the concrete slab at the base of the southwest corner of the metal shop building as shown on Plate 1. Vertical elevations were surveyed to the nearest hundredth of a foot and horizontal distances were surveyed to the nearest tenth of a foot.

Monitoring Well Installation

Groundwater monitoring wells were installed in the three soil borings to approximate depths of 30 ft below ground surface. The monitoring wells were constructed of 2-inch-diameter schedule 40 PVC with threaded couplings. Blank

solid risers were used to a depth of 5 ft below ground surface and manufactured pre-cut slotted screens (.020-in. slots) were used in the interval of 5 ft to 30 ft below ground surface. The wells were fitted with screw-on PVC bottom plugs and slip-on PVC top caps. Monterey No. 3 sand was used in the wells as a sand filter pack. A bentonite seal was placed above the sand filter pack in the interval 2 ft to 4 ft below ground surface. A cement seal with locking frame and traffic box finalize the monitoring wells at the ground surface. Details of the monitoring wells are shown on Plates 2 through 4.

Monitoring Well Development and Sampling

Monitoring wells were developed and sampled on January 20th, 1989, with the combined use of a suction lift pump and a stainless steel bailer. The total volume of water removed during development procedures was approximately 55 gallons per well. The development water was stored onsite in 55-gallon DOT drums.

Prior to development and sampling procedures the water level and total depth of the wells were determined. After development of the wells, groundwater samples were collected when the water level of the wells had recovered to 80% of the original static water level. Groundwater samples were collected using a stainless steel bailer which was cleaned before and after the sampling of each well by rinsing with trisodium phosphate and three successive rinses with organic-free distilled water. Groundwater samples were placed under refrigeration and transported to a state-certified laboratory for analysis. Water samples were analyzed for total petroleum hydrocarbons by EPA method 8015, for aromatic volatile organics (benzene, toluene, xylenes, ethyl benzene) by EPA method 602 and for total lead by EPA method 7420. Laboratory analysis reports are included in Appendix A and the results are presented in Table 4. Proper sample handling and chain of custody procedures were followed during all phases of this investigation.

Results

The three groundwater monitoring wells were successfully installed on January 20th, 1989, to approximate depths of 30 ft below ground surface. No well permit for installation was required by Ventura County Department of Public Works director John Turner but well permit applications are on file. A copy of the well permit application is included in Appendix A.

Petroleum hydrocarbon contamination was non-detected in the soil samples collected from the three soil borings. The results of the analyses are shown below in Table 1. Background lead concentrations in soils obtained from the perimeter of the property are shown in Table 2.

Table 1. Soil Contamination Results

Milligrams per kilogram (ppm)

Sample	Depth (ft)	TPH	Benzene	Toluene	Xylenes	Ethyl Benzene	Total Lead
MW-1-1	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	6.65
MW-2-1	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	12.4
MW-3-1	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	9.65
Detection Limit		1.0	0.05	0.07	0.14	0.07	2.50

TPH - Total Petroleum Hydrocarbons
N.D. - Non-detected at detection limit
PPM - Parts per million

Table 2. Background Lead Concentrations in Soils

Parts per million (ppm)

Sample	Total Lead
PB-1	19.4
PB-2	12.7
PB-3	7.90
Detection Limit	2.50

No concentrations of organic vapors were detected with the HNu photoiorization detector (PID) in the soil cuttings of the three soil borings. The results of the analyses are shown below in Table 3.

Table 3. Field HNu PID Concentrations

Parts per million (ppm)

Boring	Approximate Depth (ft)	Concentrations (ppm)
1	2	0
1	5	0
2	2	0
2	5	0
3	2	0
3	5	0

Groundwater monitoring wells were surveyed for elevations and horizontal distances on February 6, 1989. Elevation reference marks for groundwater gradient determinations are to the top of the well traffic box. An approximate groundwater gradient determination indicated that groundwater flow is to the east southeast (see Plate 1).

Groundwater was encountered at approximately 6.57, 6.60, and 6.50 feet below ground surface in MW-1, MW-2, MW-3, respectively. Laboratory analysis reports of the groundwater from the monitoring wells indicated that total petroleum hydrocarbons were non-detected, toluene, xylene, and ethyl benzene were non-detected and benzene was non-detected in all wells except MW-3 which had a concentration of 0.71 parts per billion. Total lead concentrations detected in the groundwater of MW-1, MW-2, and MW-3 were 310 ppb, 310 ppb, and 410 ppb, respectively. The results of the analyses are shown below in Table 4.

Table 4. Groundwater Contamination Results

Micrograms per liter (ppb)

Sample	TPH	Benzene	Toluene	Ethyl Benzene	Xylene	Total Lead
MW-1	N.D.	N.D.	N.D.	N.D.	N.D.	310
MW-2	N.D.	N.D.	N.D.	N.D.	N.D.	310
MW-3	N.D.	0.71	N.D.	N.D.	N.D.	410
Detection Limit	10.0	0.50	0.50	0.50	0.50	50

ppb - parts per billion
TPH - Total petroleum hydrocarbons
N.D. - Non detected at detection limit

Conclusions

Based on the above referenced results it is McClelland Consultants opinion that groundwater contamination at the project site is minimal and degradation of the contamination will probably occur naturally. Periodic monitoring of the downgradient wells will provide additional information to determine if degradation is occurring naturally and if futher remediation will be necessary in the future.

The Department of Environmental Health, Ventura County, is the agency responsible for deciding if remediation is necessary at the site. We recommend that a copy of this report be submitted to the county for its review and comments.

Limitations

This report has been prepared for Herman J. Becker as a Field Assessment of discrete subsurface conditions at 3121 Hueneme Road, Oxnard, California. In performing our professional services, we have applied present engineering and scientific judgment and used a level of effort consistent with the standard of practice measured on the date of this report and in the locale of the project site for similar type studies. McClelland Consultants makes no warranty, expressed or implied, in fact or by law, whether of merchantability, fitness for any particular purpose, or otherwise, concerning any of the materials or "services" furnished by McClelland Consultants to client.

We appreciate the opportunity to provide our services to your company. Please let us know if we can provide further information or assistance to you.

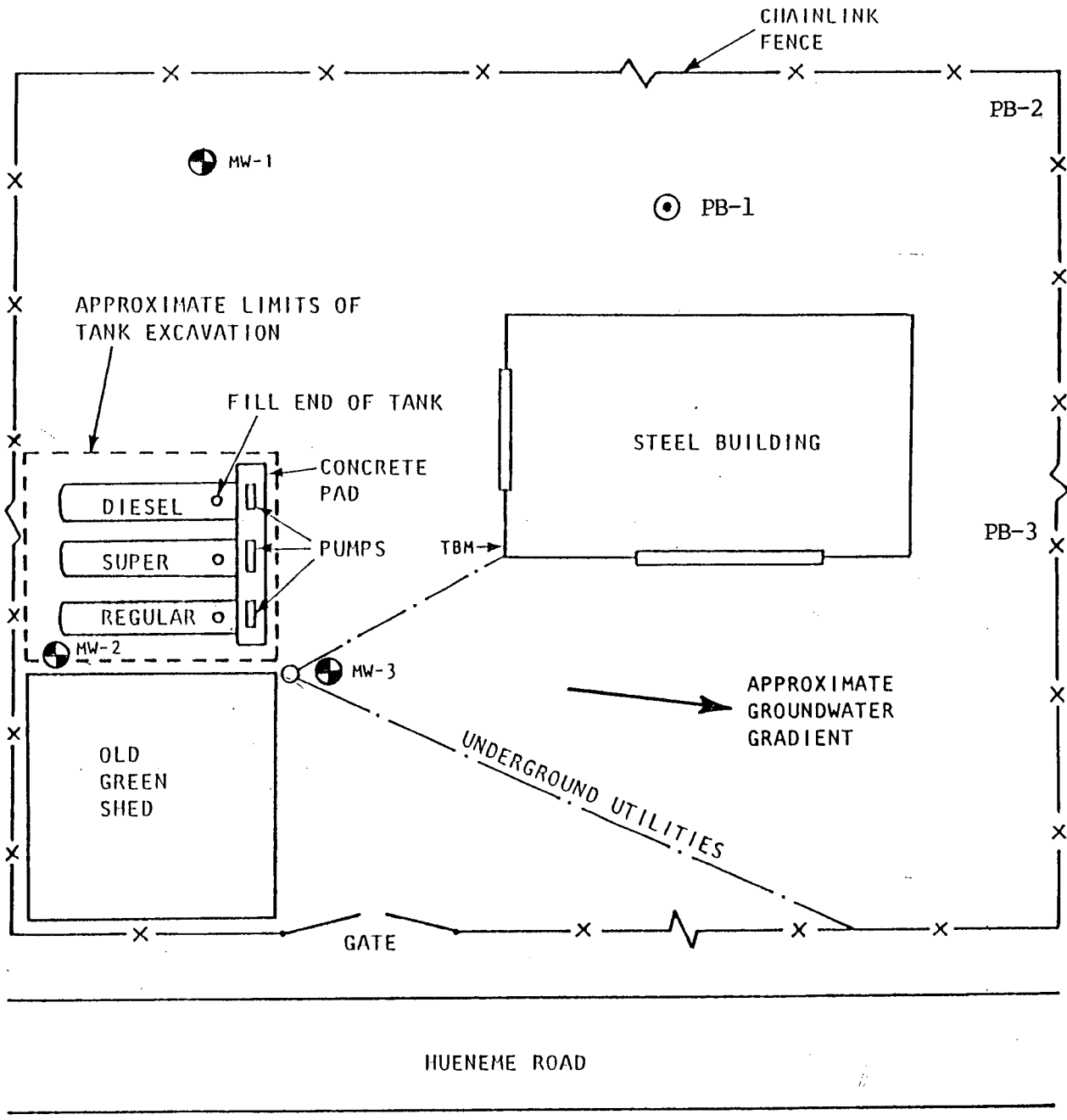
Sincerely,

McCLELLAND CONSULTANTS (WEST), INC.

Nick Brouwer
Engineering Geology

Ian C. Macfarlane
Vice President

NB/ICM:dc



NOTE: Underground Tanks, Pumps, and Concrete Pad Previously Removed.

LEGEND

- monitoring well locations

- Soil Samples (Background Lead Analyses)

TBM - Temporary Bench Mark

SITE PLAN
Herman J. Becker Property
3121 Hueneme Rd, Oxnard CA

McClelland

PLATE 1

Site File

RESOURCE MANAGEMENT AGENCY
county of ventura

Environmental Health Department
Donald W. Koepp
Director

March 8, 1989

Mr. Herman J. Becker
319 South "F" St.
Oxnard, CA 93030

File #: C88184

UNDERGROUND TANK RELEASE AT 3121 HUENEME ROAD, OXNARD

"Based on information which is currently and actually known to Ventura County Environmental Health Department, the Ventura County Environmental Health Department has determined that all appropriate response actions have been completed, that all acceptable remedial practices were implemented, and that no further investigation, remedial or removal action, or monitoring is required at the site with regard to a release of hazardous waste or substance from one or more underground storage tanks located at the site.

Nothing in this determination shall constitute or be construed as a satisfaction or release from liability for any conditions or claims arising as a result of past, current, or future operations of Herman J. Becker. Nothing in this determination is intended or shall be construed to limit the rights of any parties with respect to claims arising out of or relating to deposit or disposal at any other location of substances removed from the site. Nothing in this determination is intended or shall be construed to limit or preclude the Ventura County Environmental Health Department or any other agency from taking any action authorized by law, including, but not limited to, any further enforcement actions. Notwithstanding compliance with any previous directives, Herman J. Becker, required to take further actions as are necessary to protect public health and the environment."

If you have any questions regarding this notice, please contact Bill Goth at (805) 654-3524, between the hours of 8:00-9:00 a.m. or 4:00-5:00 p.m., Monday through Friday.

Douglas A Beach

DOUGLAS A. BEACH
UNDERGROUND TANKS PROGRAM
ENVIRONMENTAL HEALTH DEPARTMENT

DAB/lh/releaseA

cc: LARWQCB - Josh Workman

State of California
Environmental Protection Agency

UNDERGROUND STORAGE TANK CASE REVIEW FORM

Los Angeles Regional
Water Quality Control Board

Date: September 6, 1996	LUSTIS file no.: 930330061	Case reviewer: J. Das	
Site Name/Address: **Arthur Pidduck Ranch** **3391 E. Hueneme Road** **Oxnard, CA 93033**	Responsible parties: **Mr. Arthur Pidduck**	Address: **3391 E. Hueneme Road** **Oxnard, CA 93033**	Phone no.: **(805)-488-2995**

I. CASE INFORMATION (N/A = Not Applicable)

Tank No.	Size in Gallons	Contents	Closed in-place/Removed?	Date
1	550	gasoline	Removed	01/01/88
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW=groundwater)

GW basin: Ventura Central	Beneficial uses:Mun, Ind, Agr, Proc	Depth to drinking water aquifer: Unknown	
Distance to nearest municipal supply well: Unknown		Distance between known shallow GW contamination and aquifer: Unknown	
GW highest depth: 11 ft	GW lowest depth: 6 ft	Well screen interval: 5ft-30 ft	Flow direction: NE
Soil type: Silty sand, Sandy Clay		Maximum depth sampled: 7 -8 ft (bottom of tank)	

III. MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS -- Initial and Latest - =Not Reported, ND=Non-detect

Contaminant	Soil (mg/kg)		Water (µg/L)		Contaminant	Soil (mg/kg)		Water (µg/L)	
	Initial 1988	Latest 1990	Initial 1991	Latest 1994		Initial 1988	Latest 1990	Initial 1991	Latest 1994
TPH (Gas)	8,800	ND	ND	ND	Ethylbenzene	--	ND	ND	ND
TPH (Diesel)	--	--	--	--	Xylenes	440	ND	ND	ND
Benzene	45	ND	7.0	ND	MTBE	--		--	--
Toluene	150	ND	0.4	ND	Other (lead)	14	7	ND	ND

IV. SOIL REMEDIATION

Method: Excavation and disposal	Duration of remediation: 3 Months

V. GROUNDWATER REMEDIATION : None

Method: N\A	Duration of remediation: N\A

VI. FREE PRODUCT:

Was free product encountered? No	Has free product been totally recovered? N\A
When was free product recovery project completed? N\A	

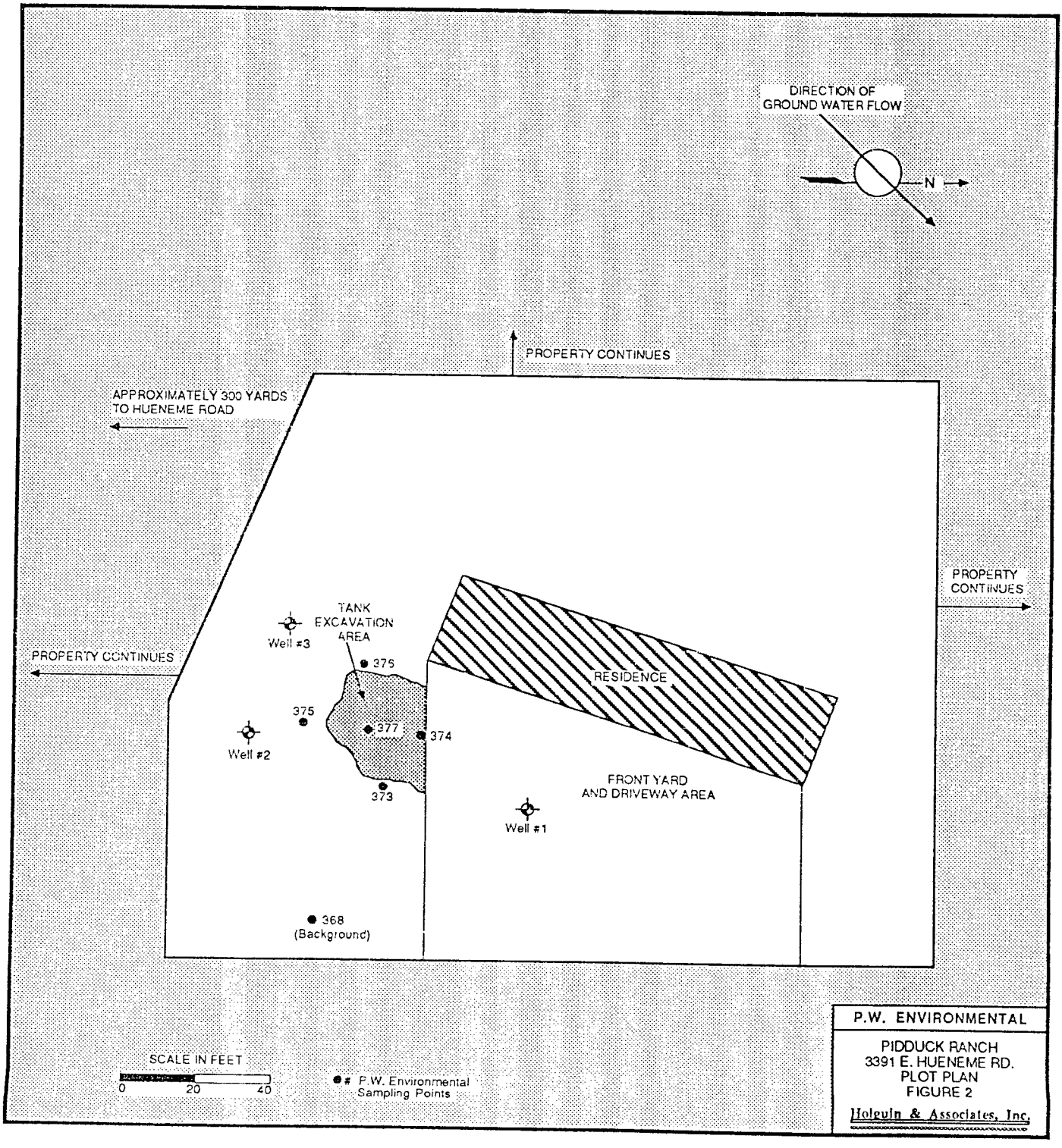
VII. RECOMMENDED ACTION:

Soil Closure only: No	Case Closure: Yes	Solvent Case? No

Additional Action Required (i.e.: additional site assessment, remediation, monitoring): Abandonment of all existing groundwater monitoring wells.

VIII. JUSTIFICATION FOR RECOMMENDED ACTION:

Gasoline tank (550 gallons) , dispenser and associated piping were removed and disposed. Contaminated soil was excavated and 920 cubic yards of contaminated soils were disposed at the Laidlaw Enviromental Services class 2 solid waste disposal landfill in Buttonwillow, California. No hydrocarbon impacted soil is believed to be present at the site subsequent to excavation activities.
No contamination was detected in groundwater samples collected from the existing monitoring wells during 1992, 1993, and 1994 sampling events.
Based on the information provided, this site can be closed.


DIRECTION OF
GROUND WATER FLOW
N
PROPERTY CONTINUES
APPROXIMATELY 300 YARDS
TO HUENEME ROAD
PROPERTY
CONTINUES
PROPERTY CONTINUES
TANK
EXCAVATION
AREA
Well #3
376
RESIDENCE
375
377
374
Well #2
373
FRONT YARD
AND DRIVEWAY AREA
Well #1
368
(Background)
SCALE IN FEET
0
20
40
P.W. Environmental
Sampling Points
P.W. ENVIRONMENTAL
PIDDUCK RANCH
3391 E. HUENEME RD.
PLOT PLAN
FIGURE 2
Holguin & Associates, Inc.

STATE OF CALIFORNIA—ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500
FAX: (213) 266-7600

September 6, 1996

Mr. Arthur Pidduck
3391 East Hueneme Road
Oxnard, California 93033

UNDERGROUND STORAGE TANK CASE CLOSURE
ARTHUR PIDDUCK RANCH
3391 EAST HUENEME ROAD, OXNARD (ID #930330061)

Dear Mr. Pidduck,

This letter confirms the completion of the site investigation and remedial action for the underground storage tank(s) formerly located at the above-described location.

Based on the available information and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground storage tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, California Code of Regulations, Division 3, Chapter 16, Section 2721(e).

If you have groundwater monitoring wells or vapor extraction wells at the subject property, you must comply with the following:

1. All wells must be located and properly abandoned.

2. Well abandonment permits must be obtained from the Ventura County Water Resources and Development Department, and all other necessary permits must be obtained from the appropriate agencies prior to the start of work.

3. You must submit a report on the abandonment of the wells to this office by October 7, 1996. This report must include at a minimum, a site map, a description of the well abandonment process, and copies of all signed permits.

Please contact Mr. Jay Das at (213)-266-7585, if you have any questions regarding this matter.

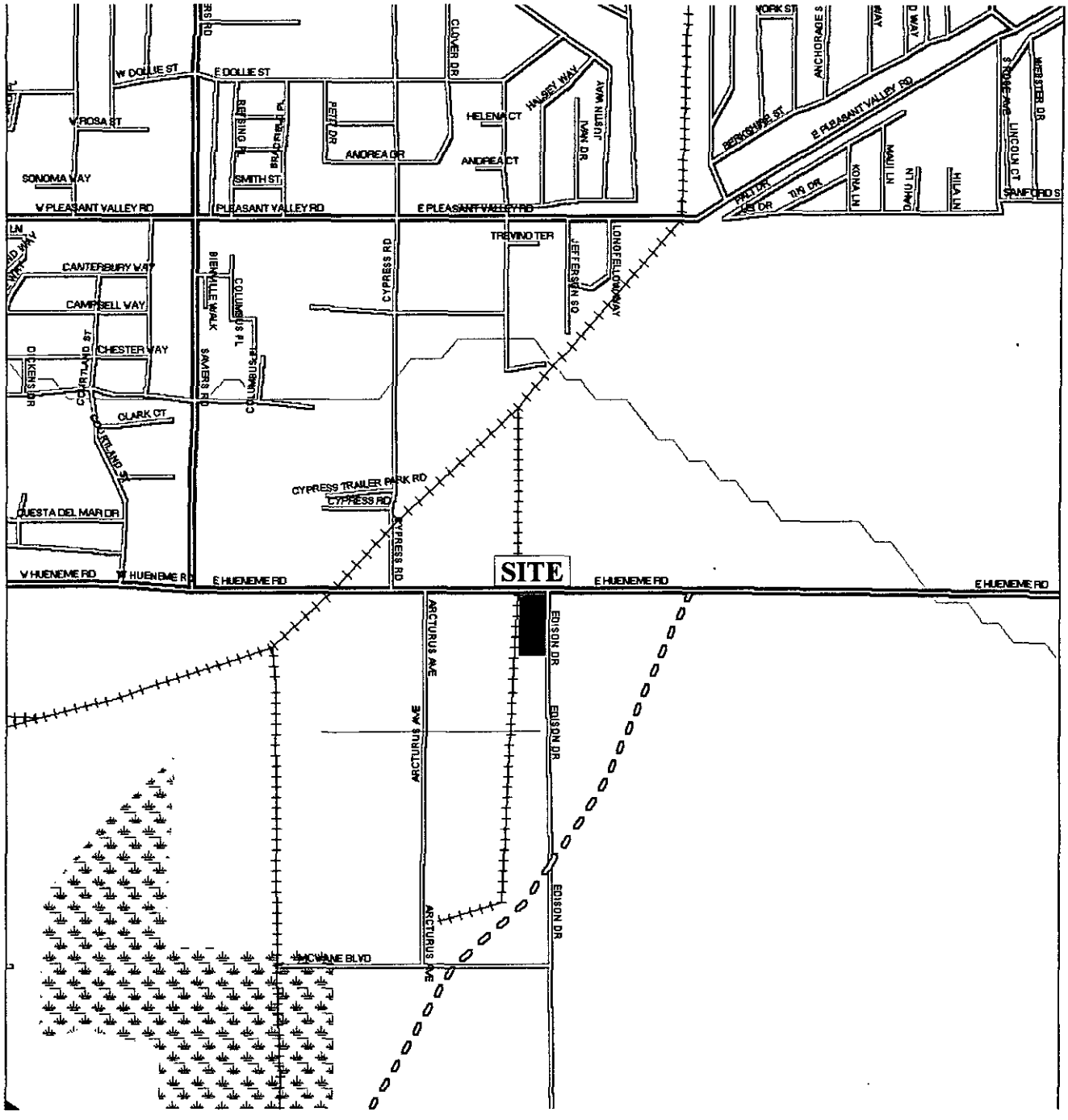
Sincerely,

ROBERT P. GHIRELLI, D. Env.
Executive Officer

'96 SEP 16 AM 8:50

DAVE DEANER
Acting Assistant Executive Officer
Underground Tanks

cc: Mr. Allan Patton, State Water Resources Control Board, Underground Storage Tank Program
Mr. Glen Luscombe, Ventura County Water Resources and Development Department Water Resource Division
Mr. William A. Goth, LUFT Program, Ventura County Environmental Health Division
Mr. Gary J. Leary, G J L Environmental

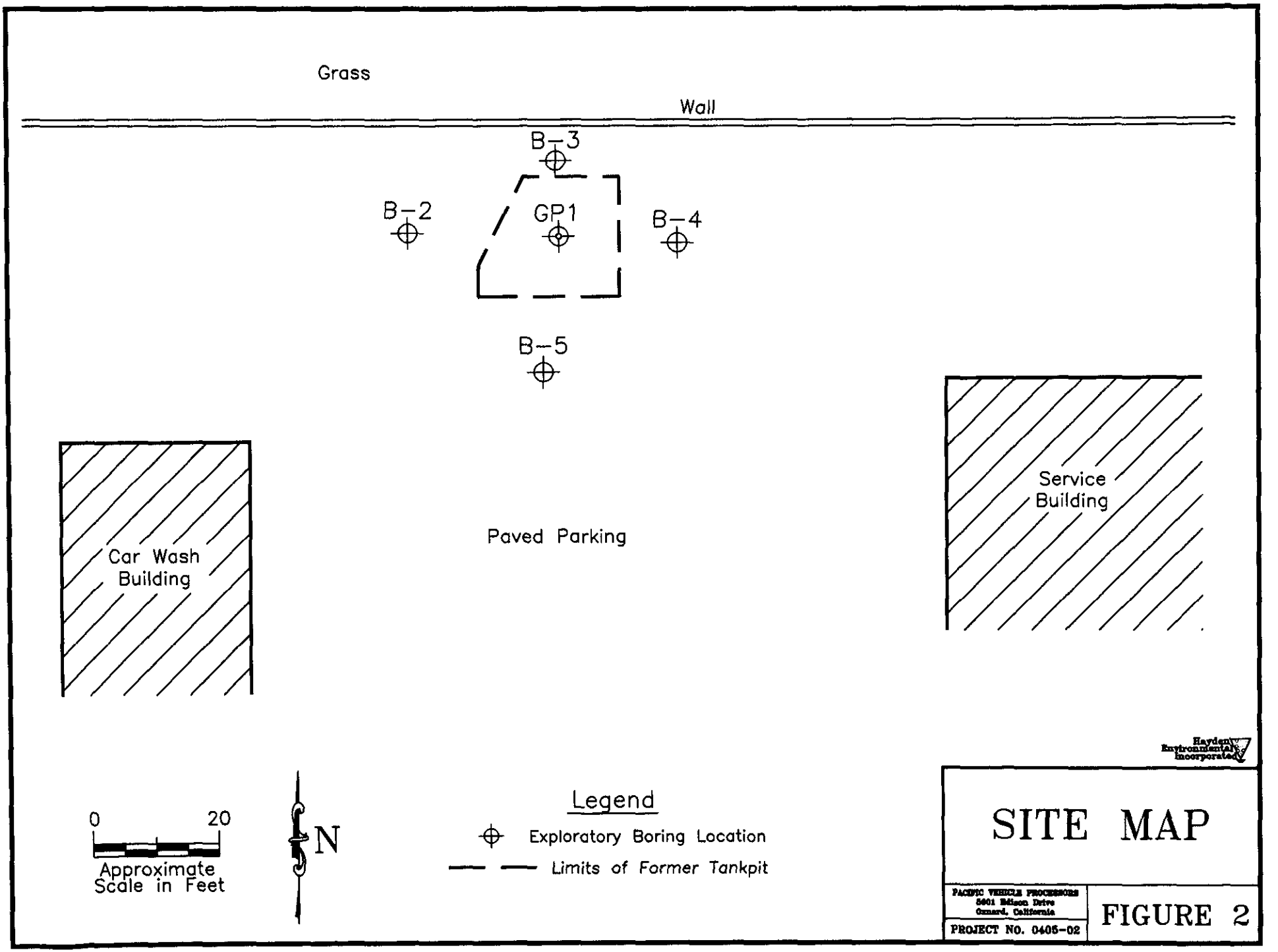


HAYDEN ENVIRONMENTAL, INC.

N

Scale: 1 inch equals 1,000 Feet

PACIFIC VEHICLE PROCESSORS 5601 Edison Drive Oxnard, California	**VICINITY MAP**	**FIGURE 1**
PROJECT NO. 0405-02		


Grass
Wall
B-3
B-2
GP1
B-4
B-5
Car Wash Building
Paved Parking
Service Building
0
20
Approximate Scale in Feet
N
Legend
Exploratory Boring Location
Limits of Former Tankpit
Hayden Environmental Incorporated
SITE MAP
PACIFIC VEHICLE PROCESSORS
5601 Edison Drive
Oxnard, California
PROJECT NO. 0405-02
FIGURE 2

RESOURCE MANAGEMENT AGENCY
county of ventura

FILE COPY

Environmental Health Division
Robert Gallagher
Director

October 28, 2004

File #C04015

Mr. Daniel Pirotton
Los Angeles Regional Water Quality Control Board
320 West Fourth Street, Suite 200
Los Angeles, CA 90013

CLOSURE RECOMMENDATION, PACIFIC VEHICLE PROCESSING, 5601 EDISON DRIVE, OXNARD, CALIFORNIA

After review of the available data for this case, the Ventura County Environmental Health Division (EHD) staff concludes that the residual soil and groundwater contamination at this site does not pose a significant threat to human health, beneficial or potentially beneficial groundwater, or the environment. Therefore, EHD staff recommends no further corrective action and regulatory case closure.

Site maps, tables of analytical results for both soil and groundwater, a case closure summary form, and the results of a Risk-Based Corrective Action (RBCA) evaluation are enclosed for your review.

SITE BACKGROUND

The site is vehicle storage and processing facility that prepares new vehicles for distribution to various dealerships in the area for retail sale. The site is located at the southwest corner of the intersection of East Hueneme Road and Edison Drive (see Figure 1). The site area is a mix of undeveloped land, agricultural development and commercial and industrial development.

One 5,000-gallon capacity underground storage tank (UST) used for vehicle fueling was removed from the site in December 2003 under the regulatory oversight of the City of Oxnard Fire Department. Details regarding the UST removal and disposal were not provided. However, the results of soil compliance sampling indicated trace levels of xylenes (up to 0.012 mg/kg) and lead (1.77 mg/kg) in excavated soils. Groundwater was

800 South Victoria Avenue, Ventura, CA 93009-1730 (805) 654-2813 FAX (805) 654-2480
Internet Web Site Address: www.ventura.org/envhealth

encountered in the excavation at a depth of approximately 8 fbg and a grab sample was reported to contain TPH as gasoline (172 ug/L), xylenes (22.1 ug/L), TBA (33.2 ug/L), and MTBE (34.7 ug/L). Soil and groundwater analytical results are presented in Table 1. Excavated soil was used as backfill.

REGIONAL HYDROGEOLOGY

The site is located within the southern portion of the Oxnard Pressure Plain Groundwater Basin. The January 1996 *Water Quality Control Plan for the Los Angeles Region (Basin Plan)*, prepared by the Los Angeles Regional Water Quality Control Board (LARWQCB), indicates that groundwater from confined aquifers of the Oxnard Plain Basin have existing municipal, industrial, industrial process, and agricultural beneficial uses. Unconfined and perched aquifers within the Oxnard Plain Basin have existing municipal and agricultural beneficial uses and potential industrial uses.

Soils encountered at the site included unconsolidated silt, silty fine sand and poorly-graded fine sand to 16 fbg, the maximum depth explored. Soils encountered are representative of Quaternary alluvium.

Groundwater at the site was encountered in the UST excavation at 8 fbg, and at 8 to 9 fbg in the soil borings. However, in the borings, water levels rose to about 5 fbg. First encountered groundwater at the site is representative of the unconfined, perched aquifer. Groundwater flow in the area of the site is expected to flow toward the south based on regional topography and the site's proximity to the shoreline of the Pacific Ocean, an estimated 1.5 miles to the south.

WATER QUALITY

EHD reviewed file information for a nearby LUFT case, File C98029, Arcturus Manufacturing, at 6001 Arcturus Drive, located approximately 1,200 feet southwest of the site (see Figure 2). Groundwater at this site contained naturally occurring chloride at 470 mg/L and Total Dissolved Solids (TDS) at 2,010 mg/L. The reported TDS concentration exceeds the recommended (500mg/L), upper (1,000 mg/L), and short term (1,500 mg/L) Department of Health Services Maximum Contaminant Level (MCL) for drinking water supply. The reported chloride level exceeds the recommended (250 mg/L) MCL and approaches the upper MCL (500 mg/L). These results indicate that natural groundwater conditions in the site vicinity are of generally poor quality.

WATER WELL INVENTORY

According to GeoTracker, one municipal supply well was reported to exist approximately 3,000 feet west-northwest of the site. However, data suggest this well (Port Hueneme Well 02) has been abandoned (see Attachment B).

There are no municipal wells located within ¼-mile, no former agricultural supply wells are known to remain on parcels that have subsequently been redeveloped commercially or industrially. Multiple agricultural supply wells are reported to remain in use in the vicinity (personal communication, Glen Luscome, Ventura County Public Works Agency Groundwater Resources Division, August 27, 2004).

SITE ASSESSMENT

A preliminary site assessment was conducted in June and July 2004, advancing one direct push boring (GP-1) through the center of the former UST and four auger borings (B-1 through B-4) around the perimeter of the former UST (see Figure 3). None of the perimeter borings contained detectable concentrations of TPH as gasoline, BTEX or fuel oxygenate compounds (see Table 2). The boring advanced through the former UST excavation contained trace levels of TEX (up to 0.015 mg/kg xylenes) and trace MTBE (0.012 mg/kg) at 9.5 fbg. However, the 14-foot sample from this boring did not contain any detectable hydrocarbon concentrations. These data indicate no significant hydrocarbon plume in soil and no further assessment or cleanup was required.

Groundwater samples were obtained from each boring and trace levels of toluene were reported (up to 0.8 ug/L). No other hydrocarbon constituents were reported above the laboratory method detection limits, including MTBE (see Table 3). No Department of Health Services MCLs are exceeded with exception to the MTBE concentration reported in the original UST pit grab sample. However, the subsequent in-situ groundwater samples verified MTBE was not present in the UST area. The results indicate no significant or pervasive impact to shallow groundwater and no further investigation was performed.

RISK BASED CORRECTIVE ACTION

The maximum soil and groundwater concentrations for the constituents, TPH as gasoline, BTEX, and MTBE were compared to a RBCA Tier 1 look-up table of Risk Based Screening Levels (RBSLs). None of the reported concentrations exceed RBSLs indicating a significant risk to human health does not exist and a site-specific Tier 2 risk evaluation is not warranted.

CONCLUSIONS & RECOMMENDATIONS

The soil and groundwater contamination at the site is minor and adequately defined. The primary source for hydrocarbon contamination (the UST) has been removed and secondary source soils (fuel saturated or significantly impacted soil) are not present. Groundwater samples indicate no significant impact to groundwater with no MCLs exceeded. Tier 1 RBSLs have not been exceeded and therefore there is no significant risk to human health. No further corrective action is warranted and regulatory case closure is recommended.

If you have any questions, please contact me at 805/654-5040.

DIANE B. WAHL
LUFT PROGRAM
ENVIRONMENTAL HEALTH DIVISION

Enclosures: Figures 1 through 3
Tables 1 through 3
Appendix A – GeoTracker Well Location Information
Appendix B – Case Closure Summary Form

c: Mr. Doug Faucet, Pacific Vehicle Processors (w/enclosure)
Mr. Kurt Hayden, Hayden Environmental (w/enclosure)

RESOURCE MANAGEMENT AGENCY
county of ventura

FILE COPY
Environmental Health Division
Robert Gallagher
Director

REMEDIAL ACTION COMPLETION CERTIFICATION

December 17, 2004

File #C04015

Mr. Doug Faucet
Pacific Vehicle Processors
5601 Edison Drive
Oxnard, CA 93030

SITE/NAME ADDRESS: **PACIFIC VEHICLE PROCESSORS, 5601 EDISON DRIVE, OXNARD, CALIFORNIA**

This letter confirms the completion of a site investigation and corrective action for the underground storage tank formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of the Health and Safety Code (HSC), subdivisions (a) and (b) of Section 25299.37 and with corrective action regulations adopted pursuant to HSC, Section 25299.77 and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to HSC, subdivision (h) of Section 25299.37.

If you have any questions, please contact Diane B. Wahl at 805/654-5040.

Robert Gallagher
ROBERT J. GALLAGHER, DIRECTOR
ENVIRONMENTAL HEALTH DIVISION
RESOURCE MANAGEMENT AGENCY

Enclosure: Case Closure Summary Form

c: Mr. Yue Rong, Los Angeles Regional Water Quality Control Board (w/enclosure)
Mr. Bob Trommer, State Water Resources Control Board (w/enclosure)
Mr. Kurt Hayden, Hayden Environmental, Inc. (w/enclosure)

Carrold: Admin/Tanks/Luft/12-dbw-04015.clo

800 South Victoria Avenue, Ventura, CA 93009-1730 (805) 654-2813 FAX (805) 654-2480
Internet Web Site Address: www.ventura.org/envhealth

Case Closure Summary

Leaking Underground Fuel Storage Tank Program

I. Agency Information

Date: October 18, 2004

Agency name: Ventura County Environmental Health	Address: 800 South Victoria Avenue
City/State/ZIP: Ventura, CA 93009-1730	Phone: 805-654-5040
Responsible staff person: Diane Wahl	Title: Environmental Health Specialist III

II. Case Information

Site facility name: Pacific Vehicle Processing				
Site facility address: 5601 Edison Drive, Oxnard, California				
RB LUSTIS Case No: *n/a*		Local Case No: *C-04015*	LOP Case No: *C-04015*	
URF filing date: 1/22/04		SWEEPS No: n/a		
Responsible Parties		Addresses		Phone Numbers
Pacific Vehicle Processors		5601 Edison Drive		805-488-3050
Attn: Mr. Doug Faucet		Oxnard, CA 93030		
Tank No	Size in Gal	Contents	Closed In-place/Removed?	Date
1	5,000	Gasoline	Removed	December 2003
2				
3				

III. Release and Site Characterization Information

Cause and type of release: Unknown release from UST system		
Site characterization complete? Yes	Date approved by oversight agency: 10/18/04	
Monitoring Wells installed? No	Number:	Proper screened interval?
Highest GW depth below ground surface: ~5.0'	Lowest depth: ~9.0'	Flow direction: estimate SSW
Most sensitive current use: Commercial (automobile storage and distribution center)		
Are drinking water wells affected? No	Aquifer name: Oxnard Pressure Plain Basin	
Is surface water affected? No	Nearest/affected SW name: Storm Drain 1,000-feet west	
Off-site beneficial use impacts (addresses/locations): None		
Report(s) on file? Yes	*Where is report(s) filed?* VCEHD/VCEHD Warehouse	

Treatment and Disposal of Affected Material

Material	Amount (Include units)	Action (Treatment or Disposal w/Destination)	Date
Tanks	1-5,000 gal gasoline	Removed (no information in file)	December 2003
Piping			
Rinseate	No information in file		December 2003
Soil	Volume not estimated	Returned to Excavation	December 2003
Groundwater	Not applicable		

Case Closure Summary

Leaking Underground Fuel Storage Tank Program

III. Release and Site Characterization Information (Continued)

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppb)		Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After		Before	After	Before	After
TPH (Gas)	<0.5	<0.5	172	<50	Ethylbenzene	<0.002	0.002	<1	<0.5
TPH (Diesel)	NA	NA	NA	NA	Total Xylenes	0.012	0.015	22.1	<0.5
TPH (Oil Range)	NA	NA	NA	NA	MTBE	<0.005	<0.005	34.7	<0.5
Benzene	<0.005	<0.005	<0.5	<0.5	DIPE/TAME*	ND/ND	ND/ND	ND/ND	ND/ND
Toluene	0.003	0.003	<1.0	0.8	TBA/ETBE*	ND/ND	ND/ND	33.2/ND	<5/ND
Ethanol/ Methanol*	ND/ND	ND/ND	ND/ND	ND/ND	Lead	1.77	NA	<0.005	NA

Comments (Depth of Remediation, etc.):

"Before Soil" ="Before GW" = Maximum reported at the site in compliance sample. NA = not analyzed.

"After Soil" = "After GW" = Maximum reported in subsequent soil borings. * = Detection limits not reported due to space limitations.

The site is adequately assessed and trace levels of gasoline constituents were reported in soil and groundwater at the time of UST removal (see completed closure justification). Subsequent site investigation verified the absence of any significant and pervasive gasoline hydrocarbons in both soil and groundwater. The tank pit grab water sample indicated the presence of MTBE and TBA. However, more appropriate sampling methodologies (hydropunch) of groundwater within the source area confirmed no detectable MTBE or TBA in groundwater.

Groundwater from the perched aquifer in the site area is not used for drinking water supply. None of the insitu groundwater samples contained volatile hydrocarbon compounds exceeding Department of Health Services Maximum Contaminant Levels. There are no nearby municipal wells or surface waters threatened by the reported release. The concentrations detected do not exceed RBCA Tier 1 Risk Based Screening Levels indicating no significant threat to potential human receptors. Groundwater in the site area is naturally degraded by elevated TDS and chloride.

IV. Closure

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Do cleanup levels exceed Regional Board requirements? Yes	Identify: MTBE.	
Rationale for exceeding RB requirements: One groundwater sample detected MTBE greater than MCLs, but groundwater was confirmed with no detectable MTBE in subsequent insitu sampling activities.		
Does corrective action protect public health for current land use? Yes		
Site management requirements: None		
Should corrective action be reviewed if land use changes? No		
Monitoring wells Decommissioned: not applicable	Number Decommissioned:	Number Retained:
List enforcement actions taken: None		
List enforcement actions rescinded: None		

VI. Local Agency Representative Data

Name: Diane B. Wahl	Title: Environmental Health Specialist III
Signature:	Date: 10/18/04

VI. RWQCB Notification

DAB 12/14/04 12/14/04

Date Submitted to RB Executive Officer: 12/13/04	RB Response: CONCUR WITH CASE CLOSURE	
RWQCB Staff Name: DANIEL P. PIROTTON	Title: WRCE	Date: 12/13/04
Additional Comments, Data, Etc.		

Site Documents Go

REGULATORS HOME | SEARCH | EDIT PROFILE | LOGOUT

PACIFIC VEHICLE PROCESSORS (T0611127035)
5601 EDISON DR
OXNARD , CA 93030
VENTURA COUNTY
VIEW ELECTRONIC DATA
VIEW ORIGINAL URF

LEAD AGENCY
VENTURA COUNTY LOP - *DBW* - CASE # 04015
NON-LEAD AGENCY
LOS ANGELES RWQCB (REGION 4) - *UNK* - CASE # C04015
CUF REIMBURSEMENT AMOUNT: $0

SITE DOCUMENTS

UPLOAD NEW SITE DOCUMENT

DOCUMENT TITLE	DOCUMENT TYPE	DOCUMENT SIZE	SUBMITTED BY	SUBMIT DATE	
04015.CLO	Regulatory Letter: Closure/NFA	1002KB	BENITEZM	12/28/2004 2:28:45 PM	[DELETE]

THIS CASE HAS AB2886 SUBMITTALS. IT CANNOT BE DELETED.

Ventura County Environmental Health Department

Ventura, California

ENSR®

Results of UST Removal, Limited Soil and Groundwater Assessment, and Remediation Activities Leading to Case Closure at the BMW Automobile Preparation Facility

VCEHD-LUFT Case No. C00009

ENSR

June 2000

Document Number 0968-015-300

ENSR

Consulting • Engineering • Remediation

1220 Avenida Acaso
Camarillo, CA 93012
(805) 388-3775
FAX (805) 388-3577
http://www.ensr.com

May 31, 2000

Mr. David Salter
Ventura County Environmental Health Department
Leaking Underground Fuel Tank Program
800 South Victoria Avenue
Ventura, California 93001

Re: **0968-015-300**

Subject: **Results of Underground Storage Tank (UST) Removal, Limited Soil and Groundwater Assessment, and Remediation Activities Leading to Case Closure at the BMW Auto Preparation Facility Located at 5056 Arcturus Road, Oxnard, California (VCEHD-LUFT Case File No. C00009)**

Dear Mr. Salter:

On behalf of BMW of North America (BMW), ENSR is submitting this report summarizing the results of the UST removal, documenting the results of a limited subsurface soil and groundwater assessment at the former 500-gallon waste oil UST and two former 2,000-gallon gasoline USTs, and a former dispenser island and describing the remediation activities conducted at the former waste oil UST location and planned for the former gasoline UST/dispenser area located at the subject facility operated by BMW. The field work for the UST removals was conducted on April 13, 2000; for the remediation at the waste oil tank area on April 25, 2000, and for the assessment on May 4, 2000. This assessment was performed in general accordance of the Ventura County Environmental Health Department - Leaking Underground Fuel Tank (VCEHD-LUFT) Guidance Manual, dated September 1993. This report presents the background information, assessment soil and groundwater sampling and analytical methodology, findings, remediation results, and conclusions and recommendations. The location of the site is presented on Figure 1 - Site Vicinity Map, and the locations of the former USTs and assessment locations are presented on Figure 2 - UST Removal and Sampling Locations. The groundwater flow direction below the facility is presented on Figure 3 - Groundwater Elevations and Contour Map.

BACKGROUND

The subject site was purchased by BMW in the early 1980s to serve as their North American Western Region vehicle preparation and distribution center. In 1982 BMW installed the three USTs discussed herein. These facilities have been in use since 1982 and were taken out of service solely to accommodate an ongoing building expansion project. Prior to initiating the expansion activities, BMW was required to remove from service and properly abandon the above-mentioned USTs. The abandonment activities were performed by ENSR under the oversight of the City of Oxnard/Certified Unified Program Agency (CUPA) program representative, Mr. Steve Elkington. A separate report discussing UST removals was prepared by ENSR entitled *Results of the Removal of One 500-Gallon Waste Oil UST and Two 2,000-Gallon Gasoline USTs, Located at*

5056 Arcturus Road, Oxnard, California, Dated April 25, 2000. The following information summary was provided in that report.

UST REMOVAL ACTIVITIES

The fieldwork and confirmatory sampling were conducted under the oversight and direction of the CUPA representative. The CUPA program has also notified Mr. David Salter of the VCEHD-LUFT Division, of the removal, and the VCEHD-LUFT providing oversight leading to site closure. The removal activities conducted at the UST areas are discussed below. Locations of the UST excavations and sampling locations are presented on Figure 2.

500-Gallon Waste Oil UST Removal

The UST removal activities were performed on April 13, 2000. Following removal of the UST and piping, the CUPA representative directed the collection of four confirmatory soil samples, two samples were collected below the former UST (B-5 and B-6), and two other samples (B-16 and B-17) were collected from along the former pipeline. The locations of the soil samples are shown on Figure 2. These soil samples were collected at depths below the existing ground surface of 6 feet below ground surface (bgs) for B-5 and B-6, and 3 feet for B-16 and B-17. An additional soil sample, B-18, was collected from the visually stained soil removed from the UST excavation during UST removal. This soil was stored in a metal bin pending reuse onsite or disposal offsite. Two additional soil samples (B-12 and B-13) were collected from the unstained soil pile stockpiled near the UST excavation. All of these soil sample locations were in the vadose zone, above the groundwater table, estimated to be at a depth of about 8 feet. The seven soil samples were analyzed for total petroleum hydrocarbons, full carbon range (TPH-ff) by U.S. Environmental Protection Agency (EPA) Method 8015, modified, volatile organic compounds (VOCs) by U.S. EPA Method 8260, and total lead by U.S. EPA Method 7420.

The analytical results of soil samples B-5, B-6, B-12, B-13, and B-17 did not exhibit detectable concentrations of any of the TPH and VOC analytes tested; all were below laboratory practical quantitation limits (PQLs). Soil samples B-16 and B-18 exhibited detectable concentrations of TPH and benzene. The TPH and benzene concentrations from sample B-16 exceeded the Los Angeles Regional Water Quality Control Board's (LARWQCB) action limits. The TPH concentration in soil sample B-18 also exceeded the LARWQCB action level. The total lead analytical results appear to represent naturally occurring background conditions, based on comparable results observed by ENSR elsewhere on the Oxnard Plain. The analytical results of the waste oil tank and soil samples are summarized in Table 1 - Analytical Results of Waste Oil UST Soil Samples.

Two 2,000-Gallon Gasoline USTs and Dispenser Removal

On April 13, 2000, the UST and dispenser removal and sampling activities were performed. Following removal of the two USTs, piping and the dispenser, the CUPA representative directed the collection (locations and depth) of six confirmatory soil samples from the bottom of the UST/dispenser excavation, as shown on Figure 2. Samples B-4 and B-1 were collected at the north and south ends of the former eastern UST at a depth of about 10 feet bgs each. Samples B-3 and B-2 were collected at the north and south ends of the former western UST, also at a depth of about 10 feet bgs each. Samples B-14 and B-15 were collected at the east and west ends of the former dispenser from a depth of about 5 feet bgs each. Samples B-14 and B-15 were collected from vadose zone soils above the groundwater table (estimated to be located at a depth of about 8 feet). Samples B-1, B-2, B-3 and B-4 were collected from saturated soils located below the groundwater table. Two additional soil samples, B-10 and B-11, were collected from the stockpiled soil removed from the UST/dispenser excavation. All of the soil samples were analyzed for TPH-ff, VOCs, and total lead.

The soil sample analytical results indicated that samples B-1, B-10, and B-11 did not exhibit detectable concentrations of any of the TPH or VOC analytes tested. The five other samples (B-2, B-3, B-4, B-14, and B-15) exhibited TPH and/or one or several VOC analytes at concentrations in excess of the laboratory PQLs. The total lead soil sample analytical results appear to represent naturally occurring background conditions, based on comparable results observed by ENSR in the local area. None of the soil samples analyzed exhibited a concentration in excess of the appropriate soil cleanup goal for that analyte according to the draft VCEHD letter, dated April 20, 2000, which did not address the gasoline UST/dispenser excavation. The analytical results are summarized in Table 2 - Gasoline UST/Dispenser Excavation Soil Sample Results. Based on the above-mentioned information, BMW requested that ENSR perform a follow-up subsurface soil and groundwater assessment. The subsurface assessment performed on May 4, 2000, is documented below.

REGULATORY CORRESPONDENCE

As mentioned above, on May 1, 2000, the UST removal report (refer to the ENSR report entitled *Removal of One 500-Galon Waste Oil UST and Two 2,000-Gallon USTs, Located at 5056 Arcturus Road, Oxnard, California,* dated May 1, 2000) was provided to Mr. Elkington and Mr. Salter. Mr. Salter responded with two requirement letters, dated May 2, 2000 (April 20, 2000 draft) and May 8, 2000 (May 2, 2000 draft). These letters required the following tasks; among others:

- The location and status of nearby permitted potable water wells should be verified;
- The northern end of the waste oil UST excavation shall be remediated to a TPH clean-up level of 1,000 milligrams per kilograms (mg/kg); and

- The southern and southwestern portions of the gasoline UST/dispenser excavation shall be remediated to an methyl tertiary butyl ether (MTBE) clean-up level of 0.05 mg/kg (this requirement was included in only the May 8, 2000 letter).

It should be noted that the regulatory clean-up standard for MTBE was reduced from 5 mg/kg to 0.05 mg/kg from the May 2, 2000 to the May 8, 2000 VCEHD-LUFT letters. Copies of the VCEHD-LUFT letters are included in Appendix D – Agency Correspondence. The responses to the requirements listed above are discussed below.

WASTE OIL UST AREA REMEDIATION

In response to the VCEHD, draft letter dated April 20, 2000, the area around sample B-16 was over-excavated on April 25, 2000. The excavated soil (about 10 tons) was placed in the same bin as the soil removed during the UST removal. The excavation was resampled with soil sample WO-1, which was also analyzed for TPH-ff, VOCs and total lead. The analytical results of soil sample WO-1 indicate that neither TPH nor any of the VOC analytes were detected above the laboratory practical quantitation limits (PQLs).

The total lead analytical result (1.9 mg/kg) was similar to the other total lead results obtained onsite and appears to represent naturally occurring background conditions. The analytical results for sample WO-1 are included in Table 1 and the laboratory transcripts are included in Appendix A – Soil and Groundwater Sample Analytical Results.

FOLLOW-UP SOIL AND GROUNDWATER ASSESSMENT

On May 4, 2000, ENSR installed six soil borings (GP-1 through GP-6) and collected soil and groundwater samples from the soil borings. The soil borings were advanced using the Geoprobe™ soil and groundwater sampling system provided by Vironex Field Services, Inc. (VFS), of Santa Ana, California. The locations of the Geoprobe™ borings are presented on Figures 2 and 3. The following assessment was performed at the request of BMW and not under the oversight of the VCEHD. No technical workplan was prepared and/or reviewed by the VCEHD. The assessment work was conducted in accordance with the requirements of the VCEHD-LUFT Guidance Manual dated September 1993. The discussion of the follow-up assessment program is broken down into Methodologies and Findings.

ASSESSMENT METHODOLOGIES

This section describes the soil and groundwater assessments were conducted, how the water potability was evaluated, and how the onsite groundwater gradient was determined.

Soil Sampling

The Geoprobe™ system consists of a hydraulic impact hammer system mounted on the bed of a Ford F-250 pickup truck. The system drives hollow stainless-steel detachable rods attached to a 2.5-inch-diameter by 4-foot-long stainless-steel soil sampler. Fitted inside the soil sampler is a 4-foot-long by 2.0-inch-diameter 1/16-inch-thick plastic inner sleeve used to store the samples. An ENSR geologist was onsite to visually classify and field-screen the samples with a photoionization detector (PID) Photovac Model HL-2000. Discrete soil samples were selected for chemical analysis, based on field PID screening and visual evidence of staining. These samples were cut from the plastic sample sleeve, sealed with Teflon® tape and capped with plastic end caps. Each sample was labeled and placed in an ice chest chilled with cubed ice. During sampling activities no soil cuttings were generated. The samples collected for analysis were logged on chain-of-custody (COC) forms. No representative from the VCEHD-LUFT division was onsite to witness the sampling activities.

Groundwater Sampling

After collecting the soil samples, the Geoprobe™ sampling equipment was removed from the open soil boring. To collect groundwater samples, VFS installed temporary wells consisting of 10 feet of ¾-inch-diameter 0.01 slot Sch 40 PVC pre-sterilized screen pipe with 5 feet of SCH 40 PVC blank pipe into the boring. The locations of the borings (GP-1 through GP-6) are presented on Figure 2. Before collecting each groundwater sample, ENSR gauged the first-encountered groundwater depth below the surface prior to sampling. Each well was allowed to stabilize and recharge prior to sampling. During sampling activities VFS used ¼-inch-diameter pre-sterilized Teflon® tubing and pumped the groundwater from the well with a peristaltic pump. If the temporary well was pumped dry before filling the sample containers, ENSR moved onto the next well location and allowed the well to recharge for a longer time period before continuing sampling.

Groundwater samples were transferred to three 40-milliliter VOA vials (without headspace) and 1-liter amber bottles, precleaned, supplied by the analytical laboratory. The VOA vials contained concentrated hydrochloric acid as a preservative and the amber bottles contained no preservatives. After filling, the containers were sealed with Teflon™-lined lids and the samples were then labeled and placed in an ice chest chilled with cubed ice. Each sample collected was logged onto COC forms.

Soil and Groundwater Analytical Testing Program

The soil and groundwater samples collected for chemical analysis were tested for TPH-ff by U.S. EPA Method 8015 modified and VOCs by U.S. EPA Method 8260. Total lead was not evaluated because all of the samples collected during the UST removal program exhibited what appeared to be naturally occurring background concentrations of total lead. The soil and groundwater sample

analytical results are summarized in Tables 4 and 5. Copies of the laboratory analytical transcripts are presented in Appendix A. All field activities and laboratory analyses were conducted in compliance with the VCEHD-LUFT protocols and detection limits for soil and groundwater analyses.

Groundwater Potability and Flow Direction Evaluation

As part of the May 4, 2000 assessment, ENSR also performed a limited survey of the ground surface and first-encountered groundwater elevations. The borings used to establish the groundwater elevations were GP-8, GP-10, and GP-13 (see Figure 3). Additionally, ENSR collected water samples from borings GP-8 and GP-13, and tested both for general minerals by U.S. EPA methods 200.7 160.1, 425.1, 130.1, 300.0, 310.1, and 340.1. The analytical results are presented in Table 6 and the laboratory analytical transcripts are presented in Appendix A. These results were used to determine if the aquifer can be used as a potable drinking water source. The survey results are presented in Appendix B - Field Survey and Calculation of Groundwater Gradient.

ASSESSMENT FINDINGS

Field Observations

Subsurface soils excavated from borings GP-1 through GP-6 exhibited brown to dark brown fine silty sands with minor layers of very moist to saturated fine to medium sands. The soils contained abundant amounts of decayed organic matter consisting of wood, reeds, and roots. No unusual odors or staining were noted in any of the subsurface soils excavated except for soils from soil boring GP-5, which had dark brown staining and exhibited a slight petroleum odor. Groundwater depths measured in borings GP-1 through GP-6 ranged between 5.5 feet to 6.5 feet below ground surface. Field measurements with the PID showed no elevated readings above the ambient air background readings.

Soil Analytical Results

The soil samples collected at 5 feet and 8 feet bgs were tested for TPH-ff and VOCs. Locations of the borings are presented on Figure 2. A summary of the soil sample analytical results is presented in Table 4 - Results of Soil Sample Analyses. As shown in Table 4, no reportable concentrations above the laboratory PQLs of TPH-ff or any of the VOC analytes tested were detected.

Groundwater Analytical Results

Groundwater samples were collected from borings GP-1 through GP-6, and these samples were also tested for TPH-ff and VOCs. The boring locations are presented on Figure 2. A summary of the groundwater analytical results is presented in Table 5 - Results of Groundwater Analyses. Based on the analytical results, the TPH-ff results were all reported below the laboratory PQLs, except for the sample from boring GP-2, which had TPH-ff concentration in the C_{23+} range of 0.72 milligrams per liter (mg/L). The volatile organic compound 1,2-Dichloroethane (1,2-DCA) was detected in the groundwater samples collected from borings GP-2, GP-3, GP-4, and GP-5 at concentrations ranging from 0.0011 mg/L to 0.0018 mg/L. Additionally, the volatile organic compound toluene was detected in the groundwater sample from boring GP-3, adjacent to the former dispenser at a concentration of 0.0051 mg/L. All other VOCs were reported to be below the laboratory PQLs in all of the groundwater samples analyzed.

Groundwater Potability Evaluation

Two additional borings (GP-8 and GP-13) were installed on the subject site and groundwater samples were collected for analysis for general minerals, which included water salinity, pH, total dissolved solids (TDS), and other tests. The results of the general chemistry analysis are presented in Table 6 - Summary of Laboratory Results, General Mineral Analysis of Groundwater Samples from Borings GP-8 and GP-13. Results of the testing indicated that samples from borings GP-8 and GP-13 had TDS concentrations of 4,200 mg/L and 5,970 mg/L, respectively. Based on the California Regional Water Quality Control Board (RWQCB) requirements, a potable or potentially potable aquifer must have 3,000 mg/L or less TDS, and have a 200 gallons per day (gpd) minimum sustainable yield. As shown by the general minerals analysis, the groundwater below the site does not meet the 3,000 mg/L TDS requirements. During sampling of groundwater, borings GP-8 and GP-13 were pumped dry several times while filling three VOA vials, 2-liter amber bottles, and two 1-liter plastic bottles. Based on these data, the aquifer cannot likely maintain a sustainable yield of 200 gpd.

Survey of Groundwater Elevations and Flow Direction

On May 4, 2000, ENSR performed a relative elevation survey or leveling of wells GP-8, GP-10, and GP-13. Field data notes are presented in Appendix C – Field Notes. The top of the well PVC casing that protruded above the surface asphalt elevation was surveyed, and the surface asphalt and the well was gauged to within 0.01 feet to the top of the PVC casing. The distances from an assumed datum to wells GP-8, GP-10, and GP-13 were measured by a roller tape measured with accuracy at 5 feet per 1,000 feet. This was done to eliminate the need for moving the transit level. The datum point was established in the southeastern portion of the site (see Figure 3). A white paint mark was used to locate the arbitrary datum and an elevation of 30.00 feet above mean sea

level was established for the datum point. The groundwater elevations were measured twice in each well at an approximately 6-hour interval. The groundwater elevations measured in each event were virtually the same, indicating that the shallow groundwater at the subject site does not appear to be tidally influenced by the nearby Pacific Ocean. The field calculations used to perform the survey are presented in Appendix B.

Results of the survey concluded that the groundwater appears to flow in an easterly to southeasterly direction at a shallow gradient of 0.0021 (0.21 feet vertical for every 100 feet horizontal distance). The datum above was obtained by a survey conducted by ENSR and not supervised or reviewed by a State of California licensed surveyor.

Local Water Well Evaluation

To comply with one of the VCEHD-LUFT requirements, ENSR contacted Mr. Glen Luscombe with the Ventura County Water Resources Division regarding the presence of and information of existing water wells located in the vicinity of the subject site. According to Mr. Luscombe, there is one permitted agricultural well and no municipal water wells located within one mile of the subject site. This agricultural well is Well # 27H2 located near the intersection of McWane Boulevard and Edison Drive or about 2,300 feet southeast of the subject site. The location of Well # 27H2 is shown on Figure 1. This well draws from the Lower Oxnard Aquifer from a depth of about 500 feet bgs. According to Mr. Luscombe, the clay cap which separates the near surface aquifer from the Upper Oxnard Aquifer in the subject site area is about 65-feet thick. It is Mr. Luscombe's opinion that, in the subject site area the groundwater in the semi-perched, shallow aquifer does not affect the underlying Upper Oxnard Aquifer or the still deeper Lower Oxnard Aquifer (G. Luscombe, personnel communication, May 30, 2000).

Remediation of Former Gasoline Tank/Dispenser Excavation

On May 23, 2000, ENSR contacted Mr. Salter and based on the verbal information regarding the UST removal soil sample results and the follow-up assessment results for borings GP-1, GP-2, GP-3, and GP-4, Mr. Salter indicated that the VCEHD-LUFT "might be willing to entertain" a recommendation for no further action and closure by natural attenuation for the MTBE issue at the former gasoline tank/dispenser excavation (the MTBE concentrations in samples B-2, B-14, and B-15 exceeded the revised MTBE action level in the VCEHD-LUFT May 8, 2000 dated letter) for the following reasons:

- the soils sample analytical results indicate that the elevated MTBE problem appears to be limited to the former UST/dispenser excavation only;
- that the local, shallow aquifer does not appear to be impacted by the MTBE;

- that the local shallow aquifer does not fall within the RWQCB definition of a potable or potentially potable aquifer; and

- local portions of the next-underlying aquifer (Upper Oxnard and Fox Canyon) are not used for potable purposes in this area.

Mr. Salter cautioned ENSR that the RWQCB has the final site closure authority and that their staff may not agree with a VCEHD-LUFT case closure recommendation or, even if they do, they may require the installation of groundwater monitoring wells with periodic monitoring for MTBE.

The available information appears to ENSR to justify a recommendation for no further action and case closure for the former gasoline UST/dispenser excavation. However, building expansion and foundation excavation activities are planned for implementation in the excavation area in early June 2000. Because the MTBE-containing soils in the excavation area are likely to be removed for foundation construction, ENSR recommends that the excavation area be excavated as an environmental remediation with the foundation-required volume of MTBE-containing soil being excavated and properly containerized and disposed offsite at an approved disposal/recycling facility all under environmental oversight. Following excavation in the former gasoline UST/dispenser excavation area, confirmatory soil samples should be collected and analyzed for MTBE by USEPA Method 8260 to verify that the area has been adequately remediated. If MTBE-containing soil remains following excavation for foundation construction requirements, the remaining site area should be closed with a no further action requirement for the reasons stated above.

CONCLUSIONS AND RECOMMENDATIONS

Based on the UST removal, follow-up assessment of soil and groundwater sample analytical results, the survey of groundwater flow direction, and general aquifer chemistry evaluation at the subject site, ENSR makes the following conclusions and recommendations:

- The shallow groundwater below the site flows in an easterly to southeasterly direction with a very shallow (0.21 feet vertical per 100 feet horizontal). Additionally, the aquifer does not appear to be influenced by the tidal fluctuations.

- The total dissolved solids from the samples collected from borings GP-8 and GP-13 had concentrations exceeding the RWQCB maximum requirements for a potable source of water. Therefore, the aquifer can be considered to be a non-potable aquifer with no potential beneficial use.

- The compound of 1,2-DCA detected in groundwater samples GP-3, GP-4, and GP-5 was also detected in the trip blank samples, and appears to be the result of laboratory contaminant, and may not be present in the water below the site.

- Results of the follow-up assessment, which included TPH and VOC analysis of soil and groundwater samples, detected only toluene in boring GP-3 at a concentration slightly above the detection limit and well below RWQCB drinking water maximum concentration levels. All remaining analytes were reported to be below the laboratory PQLs.

- The analytical results of sample WO-1 demonstrate that the remediation at the former waste oil tank excavation has been adequately conducted and that no further action is required in this area.

- The analytical results from the gasoline UST/dispenser excavation and the follow-up subsurface assessment indicate the MTBE problem restricted to the soil is limited in extent and the shallow aquifer is non-potable and the VCEHD-LUFT may consider closure of this area with no further action as well.

ENSR agrees with the final conclusion, but because foundation construction is planned for the excavation area in the near future, excavation and offsite disposal/recycling of the MTBE-containing soil from the gasoline UST/dispenser excavation area conducted under environmental oversight, will provide additional insurance for agency closure of this area with no further action.

It is ENSR's recommendation, based on the results of this limited assessment, that the removal of the former USTs and subsequent soil removal of petroleum hydrocarbon-impacted soil was adequate, and does not continue to present a threat to public and the environment. We ask the VCEHD-LUFT Division to grant final site closure with no further site assessment or remediation required, and to allow construction of the planned improvements to continue.

LIMITATIONS

This report has been prepared for the VCEHD-LUFT Division describing the project background and site closure assessment activities at the BMW facility located at 5056 Arcturus Road, Oxnard, California. In performing our professional services, we have attempted to apply present engineering and scientific judgment and used a level of effort consistent with the standard of practice as measured on the date of the report and in the locale of the project site for similar studies.

The analyses, survey results, and interpretations in this report have been developed based on the review of existing information pertaining to the site results of drilling and sampling of soil borings,

and the laboratory analyses of soil and groundwater samples. Additionally, the survey to determine the measured groundwater elevations, and to calculate a groundwater flow direction, was performed by ENSR. It should be recognized that subsurface contamination could vary laterally and with depth below a given site. While sample locations are considered representative of specific test locations, ENSR does not warrant that the results contained herein are representative of the entire site.

Once again, ENSR appreciates the opportunity to work with the Ventura County Environmental Health Department. If you have any questions or require additional information, please feel free contact either of the undersigned at (805) 388-3775.

Sincerely,

Tom Hale

Tom Hale, REA
Regional Construction Manager

Gerald A. Hels

Gerald A. Hels, REA II
Senior Environmental Engineer

John R. Cook

John R. Cook, R.G. No. 6850
Project Geologist

Attachments: Tables 1 through 6
Figures 1 through 3
Appendices A through D

cc: Ms. L. Gronlund, BMW
Mr. S. Muir, BMW

FILE COPY

RESOURCE MANAGEMENT AGENCY

county of ventura

Environmental Health Division
Donald W. Koepp
Director

REMEDIAL ACTION COMPLETION CERTIFICATION

July 13, 2000

Mr. Salim Murr
BMW of North America
5056 South Arcturus Avenue
Oxnard, CA 93030

VCEHD File # C00009

Site Name/Address: **BMW OF NORTH AMERICA**
5056 SOUTH ARCTURUS AVENUE
OXNARD, CALIFORNIA

This letter confirms the completion of a site investigation and remedial action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code. A copy of the Case Closure Summary is enclosed for your records.

If you have any questions regarding this matter, please contact David C. Salter of the LUFT Program staff at (805) 6512.

Terrence Gilday

TERRENCE GILDAY, ACTING DIRECTOR
ENVIRONMENTAL HEALTH DIVISION
RESOURCE MANAGEMENT AGENCY

GUNNS/WP/7-DCS-BMW-CLO.DOC

Enclosure

c: David Bacharowski, Los Angeles Regional Water Quality Control Board (w/Enclosure)
Kevin Graves, State Water Resources Control Board (w/o Enclosure)
Alan Patton, State Water Resources Control Board
Tom Hale, ENSR

800 South Victoria Avenue, Ventura, CA 93009-1730 (805) 654-3518 FAX (805) 654-2480
Internet Web Site Address: www.ventura.org/env_hlth/env.htm

Case Closure Summary

Leaking Underground Fuel Tank Program

I Agency Information

Date: 06/22/2000

Agency Name: Ventura County Environmental Health	Address: 800 South Victoria Avenue
City/State/Zip: Ventura, CA 93009-1730	Phone: 805/662-6512
Responsible Staff Person: D.C. Salter	Title: EHS-III

II Case Information

Site facility name: BMW of North America		
Site facility address: 5056 S. Arctur. Ave., Oxnard, CA		
RB Lustis Case No: C-00009	Local Case No: C00009	LOP Case No: 00009
URF filing date: 04/18/2000	SWEEPS No:	

Responsible Parties	Addresses	Phone Numbers
Mr. Salim Murr	BMW of North America	805/701-7474
	5650 S. Arctur. Ave.	
	Oxnard, CA 93033	

Tank No.	Size in Gal	Contents	Closed In-Place/Removed?	Date
1	500	Waste oil	Removed	04/13/2000
2	2,000	gasoline	"	"
3	2,000	"	"	"

III Release and Site Characterization Information

Cause and type of release: Broke waste oil line when removing UST		
Site Characterization Complete? (Yes) No	Date approved by oversight agency: 06/26/2000	
Monitoring Wells installed: Yes (No)	Number:	Proper screened interval? Yes No
Shallowest GW depth below ground surface: 5.75'	Deepest depth: 6.82'	Flow direction: SE @ 0.002
Most sensitive current use: Imported automobile preparation facility		
Are drinking water wells affected? Yes (No)	Aquifer name: Oxnard Perched	
Is surface water affected? Yes (No)	Nearest/affected SW name: Pacific Ocean, ± 1.2 mi SW	
Off-site beneficial use impacts (addresses/locations) None		
Report(s) on file? (Yes) No	Where filed? VCEHD LUFT	

Treatment and Disposal of Affected Material

Material	Amount (incl. units)	Action (~~treatment or~~ disposal w/destination)	Date
Tanks	1-500, 2-2000 gal	disposal at Standard Industries, Ventura	04/13/00
Piping	± 40'	" " " " "	"
Free Product	NA		
Soil	9.57 tons	American Remedial Technologies, Lynnwood	05/05/00
Groundwater	NA		
Barrels	NA		
Rinsate	1,200 gal	Demenno/Kerdoon, Compton	04/13/00

Case Closure Summary

Leaking Underground Fuel Tank Program

III Release and Site Characterization Information (Continued)

Contaminant	Soil (mg/kg)		Water (mg/L)		Contaminant	Soil (mg/kg)		Water (mg/L)	
	Before	After	Before	After		Before	After	Before	After
TPH (gas)	17	ND	--	ND	Total Xylenes	0.62	ND	--	ND
TPH (C_{23+})	39,000	ND	--	ND	Ethylbenzene	0.16	ND	--	ND
Benzene	0.076	ND	--	ND	Oil & Grease				
Toluene	0.045	ND	--	0.51	Heavy Metals Total Lead	5.10	--	--	--
MTBE	3.70	ND	--	ND	Other	*	All ND	--	**

Comments (depth of remediation, etc.): * 1,2,4-trimethylbenzene (17), 1,3,5-trimethylbenzene (0.064), n-propylbenzene (0.036). ** 1,2-dichloroethane (1.8) - believed to be lab contam. Soil "Before" are maximums detected. Soil & water "after" are maximums detected after soil remediation. No water samples taken initially.

IV Closure

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? (Yes) No

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? (Yes) No

Do cleanup levels exceed Regional Board requirements? ~~Yes~~ No | Identify:

Rational for exceeding RB requirements:

Does corrective action protect public health for current land use? (Yes) No

Site management requirements: None. No residual compounds exceed LARWQCB guidelines or EPA Region 9 PRGs. Impacted water is not potable (TDS ≈ 4,200)

Should corrective action be reviewed if land use changes? Yes (No)

Monitoring wells Decommissioned: Yes No | Number decomissioned: NA | Number Retained: NA

List enforcement actions taken: None

List enforcement actions rescinded: None

V Local Agency Representative Data

Name: D.C. Salter | Title EHS-III

Signature: D.C. Salter | Date: 06/26/00

VI RWQCB Notification

Date submitted to RB Executive Officer: | RB Response:

RWQCB Staff Name: | Title: | Date:

Additional Comments, Data, Etc.

RESOURCE MANAGEMENT AGENCY

county of ventura

FILE COPY

Environmental Health Division
Donald W. Koepp
Director

May 2, 2000

Mr. Salim Muir
BMW of North America
5056 South Arcturis Avenue
Oxnard, CA 93033

File # C00009

BMW OF NORTH AMERICA, 5650 S. ARCTURIS AVENUE, OXNARD, CALIFORNIA

The Ventura County Environmental Health Division (VCEHD) staff received the analytical results for the soil samples taken at this site on April 13, 2000. After reviewing those data, VCEHD finds that additional work is necessary to reduce soil contamination to acceptable levels. There are two active groundwater-producing wells within ½ mile of the above-referenced site. Because of overdraft of the deeper aquifers, the pressure gradient in this area is downward and, through time, contamination will move through the clay cap separating the shallow perched aquifer from the deeper aquifers, possibly contaminating potentially beneficial water.

The attached tabulation shows the concentrations detected and the required clean-up goals. Please submit a workplan for the necessary work by June 27, 2000.

Be advised that the State Water Resources Control Board Underground Storage Tank Cleanup Fund (Fund) generally requires a minimum of three bids for initial assessment work and for remediation work. The limited amount of work necessary at the above-referenced site might qualify for a waiver of that requirement. VCEHD recommends contacting Mr. Kevin Graves at the Fund for pre-approval before contracting for any work. Mr. Graves can be reached at (916) 227-4430.

If you have any questions, please call me at (805) 662-6512.

DAVID C. SALTER
UNDERGROUND TANK PROGRAM
ENVIRONMENTAL HEALTH DIVISION

Enclosure

GUNNS/WP/5-DCS00009.L01.DOC

c: Mr. Kevin Graves, State Water Resources Control Board (w/enclosure)
Mr. Tom Hale, ENSR Consulting (w/enclosure)
VCEHD File (w/enclosure)

BMW of North America - 5650 South Arcturus Avenue
Analytical Results - Post-Tank Removal Soil Sampling

Sample Name	Contaminant										
	TPHg	TPH_{C23+}	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Total Lead	1,2,4-Tri-methylbenzene	1,3,5-Tri-methylbenzene	N-Propyl-benzene
B-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-2	**12**	ND	ND	**0.12**	ND	**0.20**	**0.670**	ND	**0.069**	ND	ND
B-3	**0.69**	ND	ND	ND	ND	ND	**0.039**	ND	ND	ND	ND
B-4	ND	ND	ND	ND	ND	ND	**0.017**	ND	ND	ND	ND
B-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-14	**3.1**	ND	ND	**0.13**	ND	**0.47**	**0.5**	ND	**0.15**	**0.054**	ND
B-15	ND	ND	ND	ND	ND	ND	**0.96**	ND	ND	ND	ND
B-16	**17**	**39,000**	**0.076**	**0.45**	**0.16**	**0.62**	**3.70**	**5.10**	**17**	**0.064**	**0.036**
B-17	ND	**0.28**	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-18	ND	**6,900**	ND	ND	ND	ND	ND	ND	ND	ND	ND

EPA Method	8015m	8015m	8260	8260	8260	8260	8260	7421	8260	8260	8260
PQL	0.5	10	0.005	0.005	0.003	0.02	0.01	0.5	0.005	0.005	0.005

Cleanup Goal	100	1,000	0.011	0.3	0.7	1.75	5	1,000	5.7	70	240
Goal Source	LARWQCB	LARWQCB	LARWQCB	LARWQCB	LARWQCB	LARWQCB	LARWQCB	EPA PRG	EPA PRG	EPA PRG	EPA PRG

Notes: All concentrations are in mg/kg
ND = Not Detected at or above PQL. Compounds not detected in any sample are not listed.
NA = Sample Not Analyzed
LARWQCB; Guidebook published May 1996, Table 4-1
EPA PRG; U.S. E.P.A. Region 9, Preliminary Remediation Goals, October 1999
Concentrations exceeding cleanup goals are highlighted.

BMW

January 19, 2011

Ms. Diane Wahl
Ventura County
Environmental Health división
LUFT Program
800 S. Victoria Ave.
Ventura, CA 93009-1730

Re: Underground Storage Tank Unauthorized Release 5650 Arcturus Avenue, Oxnard CA 93033

Dear Ms. Wahl,

As per your request, please find attached a copy of the AECOM Report , documenting the UST removal and confirmation sampling.

If you have any questions, please do not hesítate to contact Mr. Al Cardona.

Sincerely,

Ken Ford
Vehicle Distribution Center
Body Shop and Parts Manager.

Company
BMW of North America, LLC

BMW Group Company

Mailing address
PO Box 1227
Westwood, NJ
07675-1227

Office address
5650 Arcturus Road
Oxnard, CA 93033

Tel
(805) 271-2423
Fax
(805) 271-2425

Website
bmwusa.com

AECOM

AECOM
1220 Avenida Acaso
Camarillo, CA 93012

(805)388-3775 tel
(805)388-3577 fax

August 20, 2010

Mr. Gregory A. Abille
Oxnard Fire Department/CUPA
360 West Second Street
Oxnard, California 93030

Subject: **UST Closure Report, BMW Vehicle Distribution Center**
5650 Arcturus Avenue, Oxnard, California

Dear Mr. Abille,

AECOM Environment, on behalf of BMW of North America (BMWNA), submits this report documenting the removal of Underground Storage Tanks (USTs) that were used to store kerosene products. The report documents findings of initial soil sampling conducted on October 28, 2009 and confirmation sampling on April 28, 2010 at the above-mentioned property.

Background

In a letter dated May 19, 2009, BMW requested approval from the Oxnard Fire Department to discontinue storage of kerosene products and to reuse the USTs to collect non-hazardous wastewater (**Attachment A**). BMW has discontinued the vehicle dewaxing process, which required the use of the tanks for storage of virgin kerosene and waste kerosene. At the time, the vehicle dewaxing process was to be replaced with an aqueous-based vehicle rust removal system.

In a letter dated June 16, 2009 (**Attachment A**), the City of Oxnard approved BMW's proposal to change the usage of the USTs, and requested conditions be met prior to implementation. As part of the required conditions, the City of Oxnard required a workplan for soil sample collection beneath the USTs. On behalf of BMW, AECOM submitted a workplan proposing the advancement of seven soil borings around the USTs and along product piping to five feet below ground surface (bgs). Results of the soil sampling conducted in October 2009 were primarily non-detect for petroleum hydrocarbons with the exception of estimated to trace amounts detected in one or more of the soil samples. Based on these results, it was unlikely that a release had occurred from the USTs, and no further assessment was warranted. Soil boring logs for the October 2009 assessment are included in **Attachment B**.

Prior to submitting soil analytical results to the City of Oxnard, BMW elected to completely remove the USTs instead of changing the usage. The following paragraphs summarize the UST removal process, confirmation soil sampling, and analytical results. Innovative Construction Solutions (ICS) of Santa Ana, California provided UST removal services under direct management of BMW.

AECOM, on behalf of BMW, observed the UST removal process and collected soil and groundwater confirmation samples. Field services provided by AECOM were conducted under AECOM health and safety protocol. Subcontractors contracted by BMW conducted field activities under their own health and safety protocol.

Pre-Field Activities

Health and Safety Plan

A Health and Safety Plan (HASP) was prepared for the on-site activities conducted by AECOM. The HASP provided an assessment of known hazards and evaluations of the risks associated with conducting the field work at the subject property. Available site information was examined to select and implement appropriate warnings and safeguards for field personnel. A site safety briefing and daily tailgate safety briefs were conducted on site before fieldwork commenced. The HASP was on site for reference throughout the duration of the fieldwork.

Underground Utility Clearance

Prior to the October 2009 soil sampling event, the proposed soil boring locations were marked with white spray paint. AECOM contacted Underground Service Alert (USA) to locate and mark the underground utilities in the vicinity of the proposed soil boring locations. The USA ticket number assigned was A92960708. Additionally, AECOM subcontracted Spectrum Geophysics to identify and mark subsurface features around the USTs and each soil boring location.

Prior to the UST removal, ICS was responsible for utility clearance procedures.

Permitting

In October 2009, AECOM contacted the County of Ventura regarding permitting for the planned soil borings. The County of Ventura reported that they do not issue soil boring permits for Oxnard locations, and referred AECOM to the City of Oxnard. The City of Oxnard reported that permits are necessary for soil borings advanced below the water table. The soil borings associated with the October 2009 investigation were not advanced below the water table, and therefore, permits were not necessary.

Prior to UST removal, ICS obtained permits from the City of Oxnard to remove the USTs. Copies of the permits are included in **Attachment C**.

Field Activities

UST Removal

Prior to UST removal, each tank was decontaminated by rinsing the inside of each tank. The decontamination rinseate was containerized and transported as non-RCRA hazardous waste by Nieto and Sons Trucking, Inc. to DeMenno Kerdoon for disposal. A copy of the hazardous waste manifest for rinseate water is included in **Attachment D**.

On April 27, 2010, ICS removed asphalt and concrete overburden. Due to shallow groundwater (approximately five feet bgs), the USTs were anchored to concrete deadmen to prevent the tanks from floating. The anchors were cut, and the USTs removed from the excavation with a crane. The USTs were transported to Ecology Auto Parts to be scrapped, crushed, and destroyed. A copy of the certificate of destruction is included in **Attachment D**.

Field Observations

Shallow groundwater was observed at approximately five feet bgs during removal of the USTs. Soil and groundwater appeared clean. No visual or olfactory signs of petroleum hydrocarbon impacts were observed during removal of the USTs. Mr. Bo Medina from the City of Oxnard Fire

Department/CUPA was present to witness the UST removal and confirmation soil and groundwater sampling.

Confirmation Soil and Groundwater Sampling

AECOM was directed by the City of Oxnard Fire Department to collect one soil sample from beneath the product piping, and one groundwater sample from within the UST excavation. The soil sample was collected in one, 4-ounce glass jar. The groundwater sample was collected in six, 40-milliliter (ml) VOAs, and one, 500-ml glass amber bottle. The soil sample was analyzed for total petroleum hydrocarbons as gasoline (TPH-g), and kerosene and diesel range carbon chain by EPA Method 8015M; and benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B. The soil and groundwater sample were submitted to American Analytics in Chatsworth, California for analysis on a standard turnaround time.

Excavation Backfill

The final UST excavation measured approximately 35 feet long by 30 feet wide by 8 feet deep. On April 28, 2010, ICS backfilled the excavation with approximately four feet of pea gravel (3/8-inch), and covered the pea gravel with geotextile fabric. ICS then proceeded to backfill the excavation with clean aggregate base to approximately 20-inches from the top of the excavation. Smith-Emery Laboratories (SEL) of Los Angeles, California conducted five density tests with satisfactory results of 90% compaction or better. Backfill operations ceased when ICS ran out of aggregate base. On April 29, 2010, ICS finished backfilling the excavation to finished grade with clean aggregate base. SEL conducted three density tests with satisfactory results of 90% compaction or better. Copies of the SEL compaction test report and backfill tickets are included in **Attachment E**.

Discussion of Results

October 2009 Soil Assessment

With the exception of toluene and total xylenes detected in the soil sample collected from SB-1, petroleum hydrocarbons were not detected above their respective laboratory reporting limits in the soil samples collected from SB-1 through SB-7. It should be noted that the concentrations of toluene and total xylenes detected in SB-1 (2.1 and 2.0 µg/kg, respectively) are equal to or slightly greater than their respective laboratory reporting limits indicating only trace amounts of these compounds.

Estimated concentrations ("J-flagged") of gasoline range organics (GRO), and benzene, toluene, ethylbenzene, and total xylenes (BTEX) were detected in one or more of the soil samples collected from SB-1 through SB-7. It should be noted that J-flagged concentrations are below the laboratory reporting limit, and are qualitatively estimated. Additionally, J-flagged concentrations do not indicate a petroleum hydrocarbon release.

Based on the carbon chain characterization, gasoline, kerosene, diesel, and heavy oil range hydrocarbons were not detected above the laboratory reporting limit in the soil samples collected from SB-1 through SB-7.

Table 1 summarizes the analytical results for soil. A copy of the laboratory analytical report with chain of custody (COC) documentation is included in **Attachment F**. The United States Environmental Protection Agency Regional Screening Levels (U.S. EPA RSLs) for industrial soils, and the Maximum Soil Screening Levels (SSLs) for sandy soils less than 20 feet above groundwater have been included for comparison purposes. Analytical results for BTEX were significantly below their respective RSLs and SSLs. RSLs and SSLs for GRO and carbon chain hydrocarbons have not been established.

Petroleum hydrocarbons were not detected in the equipment blank sample (EQB) or trip-blank sample (QCTB) indicating the integrity of the soil samples was not jeopardized by soil sampling equipment or during transport to the laboratory.

UST Removal Confirmation Sampling

GRO and BTEX were not detected in the soil sample collected from below the product piping (PL1-3). Based on the carbon chain analysis for PL1-3, low concentrations of diesel and heavy oil range hydrocarbons were detected at concentrations of 16.6 and 21.2 milligrams per kilogram (mg/kg), respectively. **Table 2** summarizes the analytical results for PL1-3.

GRO was detected in the groundwater sample (GW1-5) collected from within the excavation at an estimated concentration of 29J micrograms per liter (µg/L). BTEX was not detected in GW1-5. Based on the carbon chain analysis for GW1-5, low concentrations of gasoline, kerosene, diesel and heavy oil range hydrocarbons were detected at concentrations of 0.14, 0.634, 1.543, and 0.574 milligrams per liter (mg/L), respectively. **Table 3** summarizes the analytical results for GW1-5. A copy of the laboratory analytical report with COC documentation is included in **Attachment F.**

Conclusions

Based on the analytical results for samples collected during the October 2009 soil assessment, and during the April 2010 UST Removal, it is AECOM's opinion that the concentrations of petroleum hydrocarbons detected in the soil and/or groundwater sample do not indicate a significant release of petroleum hydrocarbons from the USTs.

Based on the analytical results, no further assessment is warranted.

Remarks

If you have questions or comments regarding the project, please contact either of the undersigned at (805) 388-3775.

Sincerely,

REGISTERED PROFESSIONAL ENGINEER
TIINA J. COUTURE
NO. 57193
EXP. 12/31/11
CIVIL
STATE OF CALIFORNIA

Tiina Couture, P.E.
Senior Project Manager
Tiina.Couture@aecom.com

Dana Files, P.G.
Project Geologist
Dana.Files@aecom.com

cc: Mr. Barry Lang (BMWNA)
Ms. Elizabeth Pfeiffer (BMWNA)
Mr. Al Cardona (BMWNA)

Figures
Figure 1 - Site Location Map
Figure 2 - Site Plan

Tables
Table 1 – Laboratory Analytical Results for Soil – Soil Assessment, October 2009
Table 2 – Laboratory Analytical Results for Soil – UST Removal Confirmation Samples, April 2010
Table 3 – Laboratory Analytical Results for Groundwater – UST Removal Confirmation Samples, April 2010

RESOURCE MANAGEMENT AGENCY
county of ventura

Environmental Health Division
Robert Gallagher
Director

February 22, 2011

Mr. Al Cardona
BMW of North America, LLC
5650 Arcturus Avenue
Oxnard, CA 93033

NO FURTHER ACTION REQUIRED – BMW OF NORTH AMERICA, LLC-VEHICLE PREP CENTER, 5650 ARCTURUS AVENUE, OXNARD, CALIFORNIA

The Ventura County Environmental Health Division (EHD) staff received the August 20, 2010 *UST Closure Report*, prepared by AECOM, for the above-referenced site. The report documents the results of confirmation soil and groundwater sampling conducted during the removal of two kerosene underground storage tanks (USTs) of 6,000-gallon and 10,000-gallon capacity in April 2010. The report also presents the findings of compliance soil sampling (soil borings) performed in the area of the USTs in 2009.

The findings of the 2009 compliance sampling show no detectable to trace concentrations of TPH as gasoline and BTEX. The 2010 compliance sampling detected low concentrations of TPH as diesel and heavy oil and no detectable BTEX. Detected BTEX concentrations in soil samples are below the EPA Region 9 *Regional Screening Levels* for industrial soils. The reported contaminant concentrations in soil and groundwater are below concentrations at which both EHD and the State have closed similar cases.

Based on information in the above-referenced report and with the provision that the information provided was accurate and representative of site conditions, no further action related to the reported petroleum release at the site is required.

If you have any questions, please call me at 805/662-6511.

ERIN K. O'CONNELL, R.G., C.E.G.
LUFT PROGRAM
ENVIRONMENTAL HEALTH DIVISION

c: Ms. Tina Couture, AECOM
Mr. Bo Medina, Oxnard Fire Department

G:\Admin\TANKS\Luft\02February.11\02-eko-5650 Arcturus NFA.doc

800 South Victoria Avenue, Ventura, CA 93009-1730 (805) 654-2813 FAX (805) 654-2480
Internet Web Site Address: www.ventura.org/rma/envhealth

COUNTY OF VENTURA - RESOURCE MANAGEMENT AGENCY
ENVIRONMENTAL HEALTH DIVISION
(805) 654-2813 FAX: (805) 654-2480

MAY 0 4 2001

PROPOSITION 65 REPORT FORM

DATE REPORT TAKEN: 05/03/01	TIME REPORT TAKEN: 10:30 am	LOG NUMBER: 96/82

NAME OF PERSON TAKING REPORT:

NAME OF PERSON REPORTING: Joe Zarnoch
JOB TITLE POSITION: Env'l Specialist
AGENCY COMPANY NAME: Oxnard Fire Dept.
AGENCY COMPANY PHONE NUMBER: (805) 385-7657
AGENCY COMPANY ADDRESS: 251 South C St., Oxnard, CA 93030

DATE OF INCIDENT: 01/28/01
TIME OF INCIDENT:
AMOUNT:

NAME/DESCRIPTION OF "SUSPECTED" MATERIAL INVOLVED:
Gasoline

PHYSICAL STATE:
- [ ] Solid
- [x] Liquid
- [ ] Gas
- [ ] Other

HOW DID THIS INCIDENT HAPPEN? Damaged underground piping.

172867

ADDRESS/LOCATION OF INCIDENT *(Complete 'Line 1' or 'Line 2')*

LINE 1: Address: 5900 Arcturus Ave City: Oxnard, CA 93033
(Please Specify - STREET, BOULEVARD, AVENUE, ETC.)

LINE 2: Location: BMW of North America
NOTE: *Specify "Location" such as 'Brown Barranca'.*

ACTION TAKEN: Release repaired.

DISTRIBUTION:
- [ ] COMMUNITY SERVICES *(Sewage Spills)*:
- [ ] HAZARDOUS MATERIALS *(All Other)*:

7/94:Perform/Prop65.frm

California Regional Water Quality Control Board
Los Angeles Region

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: http://www.waterboards.ca.gov/losangeles

Linda S. Adams
Cal/EPA Secretary

Arnold Schwarzenegger
Governor

July 16, 2010

Ms. Joanne Underwood
BMW of North America, LLC
5900 Arcturus Avenue
Oxnard, CA 93033

NO FURTHER ACTION – VEHICLE FUELING AREA OF BMW ENGINEERING AND EMISSIONS TEST CENTER AT 5900 ARCTURUS AVENUE, OXNARD, CALIFORNIA 93033 (SCP NO. 1063, SITE ID NO. 2040082)

Dear Ms. Underwood:

The California Regional Water Quality Control Board, Los Angeles Region (Regional Board) is the State regulatory agency responsible for protecting water quality in Los Angeles and Ventura Counties. To accomplish this, the Regional Board oversees the investigation and cleanup of unregulated discharges adversely or potentially affecting the State's water, as authorized by the Porter-Cologne Water Quality Control Act (California Water Code [CWC], Division 7).

Regional Board staff have reviewed the *Results of Underground Piping Evaluation, Repair, and Remediation Activities Plus Limited Subsurface Soil and Groundwater Confirmatory Sampling at the BMW Engineering West Facility Oxnard, California* (Report), dated March 2001, prepared by ENSR for the referenced site. The Report documents the activities conducted to identify the fuel release location, repair the underground piping, and collect confirmatory soil and groundwater samples from the soil excavation to evaluate the residual contamination at the leak area within the vehicle fueling facility located at the site. The following information is presented in the submitted report:

1. The BMW Engineering and Emissions Test Center (EETC, site) is located at 5900 Arcturus Avenue, Oxnard, California. During late 2000 through January 2001, a vehicle fueling facility, including two 4,000-gallon aboveground storage tanks (ASTs) and seven fuel dispensers with associated piping system, was built in the northeastern portion of the EETC to store 89 octane and 92 octane unleaded gasoline for use in vehicle testing. The vehicle fueling facility was equipped with a leak detection system.

   On January 28, 2001, the leak detection monitor in the 92 octane product-piping sump alarmed and automatically shut off the entire fueling system. The monitoring alarm mode indicated that a likely fuel release in the piping system. Subsequently, the fuel release point was searched and located at the south side of the 92 octane island, where a small fracture on the 92 octane secondary pipeline was noted.

2. In February 2001, soil excavation and confirmatory sampling were conducted at the suspected and identified fuel release areas. Approximately 0.33 cubic yard of gasoline contaminated soil was removed from beneath the damaged piping section (Excavation Area 2). One confirmatory soil sample (S-01) was collected from the bottom of Excavation Area 2, at 5 feet (ft) below

ground surface (bgs) and approximately 1.5 ft below the damaged pipe. Two groundwater grab samples (W-01 and W-02) were also collected from one boring near soil sample S-01 location. Depth to groundwater ranged between 5.5 to 6.5 ft bgs. Both the soil and groundwater samples were tested for volatile organic compounds (VOCs) by USEPA Method 8260B, including analysis of gasoline oxygenates.

3. Methyl tertiary butyl ether (MTBE) and total xylenes were detected in confirmatory soil sample S-01 at concentrations of 0.011 milligrams per kilogram (mg/kg) and 0.0032 mg/kg, respectively, which were below their respective soil screening levels of 0.013 mg/kg and 1.75 mg/kg developed for the site. All of the other VOCs were not detected above their respective laboratory reporting limits.

4. N-Butylbenzene, naphthalene, and n-Propylbenzene were detected in groundwater samples W-01 and W-02 at concentrations up to 1.4 micrograms per liter (µg/L), 2.6 µg/L, and 2.2 µg/L, respectively, which were well below their respective California Drinking Water Notification Levels of 260 µg/L, 17 µg/L, and 260 µg/L. All of the other VOCs were not detected above their respective laboratory reporting limits.

Based on the information provided to the Regional Board, and with the provision that the information was accurate and representative of site conditions, we require no further action (NFA) for the subsurface investigation and remediation at this time at the site investigated area – the vehicle fueling facility, which is located at the northeastern portion of the EETC (enclosed Site Plan). However, the site owner/operator must notify the Regional Board immediately if additional soil and/or groundwater contamination is encountered during any future activities at the site.

Please note that Regional Board staff oversight charges for work associated with this NFA letter and case review and evaluation package will be billed on the invoices for second and third quarters 2010, in the same manner as previously billed.

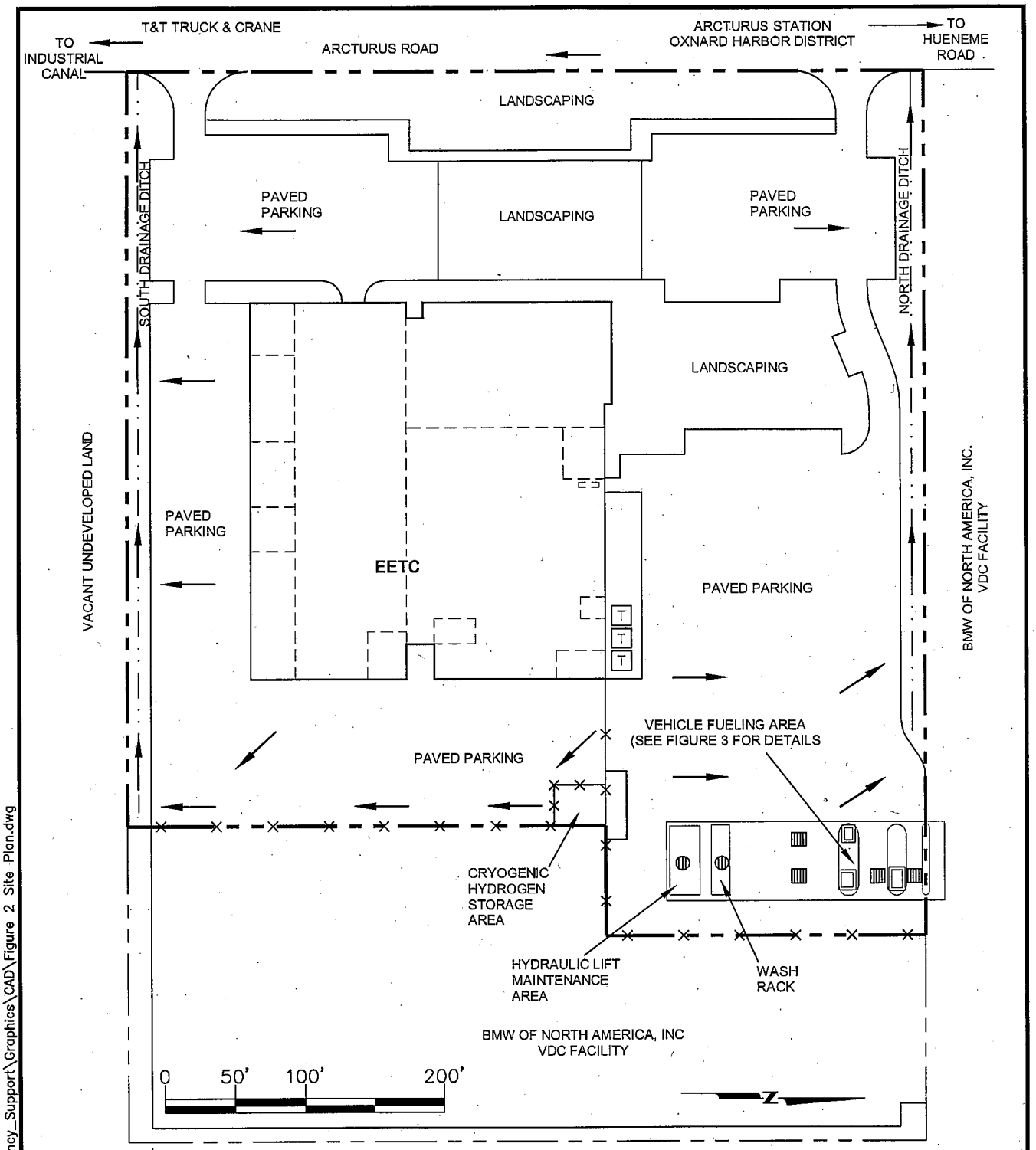
We would like to take this opportunity to thank you for your full cooperation with the Regional Board during the course of the site assessment and remediation. Should you have any questions regarding this matter, please contact Dr. Ann Chang, Project Manager, at (213) 620-6070, Ms. Su Han, Unit Chief, at (213) 576-6735, or Dr. Arthur Heath, Remediation Section Chief, at (213) 576-6725.

Sincerely,

Samuel Unger, P.E.
Interim Executive Officer

Enclosure: Site Plan

cc: Tiina Couture, AECOM



APPROXIMATE FACILITY PROPERTY BOUNDARY

FENCE

FILTERED STORM WATER INLETS

CLARIFIER INLET DRAIN

SECONDARY-CONTAINMENT DOUBLE-WALL ABOVEGROUND STORAGE TANK

TRANSFORMERS OWNED AND OPERATED BY SCE

STORM WATER DRAINAGE DIRECTION

J:\Client-Projects\BMW\60148260_EETC_Agency_Support\Graphics\CAD\Figure 2 Site Plan.dwg

AECOM
1220 AVENIDA ACASO
CAMARILLO, CALIFORNIA 93012
PHONE: (805) 388-3775
FAX: (805) 388-3577
WEB: HTTP://WWW.AECOM.COM

SITE PLAN

BMW of North America, Inc.
Engineering and Emissions Test Center (EETC)
Oxnard, CA

DRAWN BY:	DATE:	PROJECT NUMBER:	SHEET NUMBER:
M. Scop	7/7/2010	60148260-999	

FIGURE NUMBER: 2

99592

California Emergency Management Agency
Hazardous Materials Spill Report

DATE: 05/19/2009 TIME: 2221	RECEIVED BY: Cal EMA - Ronald Demayo OSPR -	CONTROL#: Cal EMA - 09-3794 NRC -

1.a. PERSON NOTIFYING Cal EMA:

1. NAME:	2. AGENCY:	3. PHONE#:	4. Ext:	5. PAG/CELL:
Don Hurdle	Southern California Edison	714-356-8535		

1.b. PERSON REPORTING SPILL (If different from above):

1. NAME:	2. AGENCY:	3. PHONE#:	4. Ext:	5. PAG/CELL:

2. SUBSTANCE TYPE:

2. a. SUBSTANCE:	b.QTY:>=<	*Amount*	*Measure*	c. TYPE:	d. OTHER:
1. Non-PCB Mineral Oil	=	15	Gal(s)	PETROLEUM	
2.	=				
3.	=				

e. DESCRIPTION: Caller states a switch in a vault failed and when the sump pump came on, substance was released into a gutter and storm drain.

f. CONTAINED:	g. WATER INVOLVED:	h. WATERWAY:	i.DRINKING WATER IMPACTED
Yes	Yes	Storm Drain, unknown where it runs to	No

j. KNOWN IMPACT: None

3. a. INCIDENT LOCATION: 5900 Arcturus, cross street of Hueneme Road

b. CITY:	c. COUNTY:	d. ZIP:
Port Hueneme	Ventura County	

4. INCIDENT DESCRIPTION:

a. DATE:	b. TIME *(Military)*:	c. SITE:	d. CAUSE
05/19/2009	2030	Road	Mechanical

e. INJURIES#	f. FATALS #:	g. EVACS #:	h. CLEANUP BY:
0	0	0	Ecology Control Contractor

Same as #1."PERSON NOTIFYING Cal EMA"

5. SUSPECTED RESPONSIBLE PARTY:

a. NAME:	b. AGENCY:	c. PHONE#:	d. EXT.:
	Southern California Edison	714-356-8535	

e. MAIL ADDRESS:	f. CITY:	g. STATE:	h. ZIP:
2244 Walnut Grove Avenue	Rosemead	CA	91770

6. NOTIFICATION INFORMATION:

a. ON SCENE: b. OTHER ON SCENE: c. OTHER NOTIFIED:

d. ADMIN. AGENCY: Ventura County Resources Mgt Agency e. SEC. AGENCY:

f. ADDITIONAL COUNTY: g. ADMIN. AGENCY:

h. NOTIFICATION LIST:

DOG Unit: RWQCB Unit: 4

☒ AA/CUPA	☒ USFWS	☐ CDPH-D O	☐ FEMA	☐ Cal EMA REG	☐ USMMS	☐ OTHER
☒ DFG-OSPR	☐ AIR RESOURCES BD	☐ DOG	☐ FOOD & AG	☐ OSHA	☒ USCG	
☒ DTSC	☐ CALTRANS	☐ DPR	☒ LANDS	☒ PARKS & REC	☐ Co/WP	
☒ RWQCB	☐ CDF	☐ EB PARKS	☐ Cal EMA HAZMATUNIT	☐ PUC	☐ Co/Hlth	
☒ US EPA	☒ COASTAL COM	☐ EMSA	☐ Cal EMA PLANS UNIT	☐ SFM	☐ Co/E-Hlth	

99592 duplicate

California Emergency Management Agency
Hazardous Material Spill Update

CONTROL#: 09-3794 NRC # 906151

NOTIFY DATE/TIME: 05/19/2009 / 2221

RECEIVED BY: Ronald Demayo

OCCURENCE DATE/TIME: 05/19/2009/2030

CITY/OP. AREA: Port Hueneme/Ventura County

1.a. PERSON NOTIFYING Cal EMA:

PERSON CALLING Cal EMA: Don Hurdle **PAGER #(CELLPHONE):**

AGENCY: Southern California Edison **PHONE#:** 714-356-8535 **Ext:**

1.b. PERSON REPORTING SPILL (If different from above):

PERSON CALLING CALEMA: **PAGER #(CELLPHONE):**

AGENCY: **PHONE#:** **Ext:**

SUBSTANCE TYPE:

a. SUBSTANCE:	b. QTY: Amount	Measure	c. TYPE:	d. OTHER:
1.Non-PCB Mineral Oil	15	Gal(s)	PETROLEUM	
2.				
3.				
4.				

Orignal Description: Caller states a switch in a vault failed and when the sump pump came on, substance was released into a gutter and storm drain.

Update(s): 05/20/2009 09:17:51 AM - 05/20/09 0918 Hrs, Received NRC fax 906151.

PERSON NOTIFYING Cal EMA OF SPILL UPDATE:

NAME:	AGENCY:	PHONE#:	Ext:	PAG/CELL:
XXX	NRC	800-424-8802		

UPDATE QUANTITY

Amount	Measure
1.	Gal(s)
2.	
3.	
4.	

UPDATE RECEIVED BY: Kavin Godwin

UPDATE KNOWN IMPACT:

UPDATE CAUSE:

SITUATION UPDATE: 05/20/09 0918 Hrs, Received NRC fax 906151.

CONFIDENTIAL:

FAX NOTIFICATION LIST: AA/CUPA, DFG-OSPR, DTSC, RWQCB, US EPA, USFWS, COASTAL COM, LANDS, PARKS & REC, USCG

ADMINISTERING AGENCY: Ventura County Resources Mgt Agency

SECONDARY AGENCY:

ADDITIONAL COUNTIES:

ADDITIONAL ADMIN. AGENCY:

OTHER NOTIFIED:

Appendix F: Hydrology Study Report

Hueneme Road Widening Project
Hydrology Study Report

Prepared for:

CONSULTING
GPA

Erinn Silva
Principal Environmental Planner
www.gpaconsulting-us.com

Prepared by:

KASRAIE CONSULTING

Kurt Shellhause, PE, CFM
Julie Larson
Hassan Kasraie, PE, CFM
www.KasraieConsulting.com

REGISTERED PROFESSIONAL ENGINEER
HASSAN H. KASRAIE
EXP 3/31/2026
C 42360
CIVIL
STATE OF CALIFORNIA

September 2024

Table of Contents

1 Executive Summary 1
2 Project Background 2
2.1 Project Description 2
2.2 Local Drainage 5
3 Hydrology 6
3.1 General Approach 6
3.2 Parameter Estimation 7
3.3 Time of Concentration 11
4 Hydrology Results 11
5 Roadside Ditch Capacity Evaluation 14
6 References 18

List of Figures

Figure 1. Project Location 3
Figure 2. Project Elements 4
Figure 3. Typical Section (MNS, 2021) 4
Figure 4. Study Area 5
Figure 5. VCRAT Model Subareas 7
Figure 6. Soils 9
Figure 7. Rainfall Depths 9
Figure 8. Imperviousness/Curve Number 10
Figure 9. Tc Flowpaths and Catchment Areas 10
Figure 10: 10-Year Peak Flow Results 13
Figure 11: 100-Year Peak Flow Results 13
Figure 12: Hueneme Road Drainage Capacities West of Rice Avenue 15
Figure 13: Hueneme Road Drainage Capacities East of Rice Avenue 16

List of Tables

Table 1: VCRAT Model Data Sources and Methods for Development 8
Table 2: Peak Flow Results Summary (cfs).....12
Table 3: Storm Event Volume Results (ac-ft) 14
Table 4: Manning's "n" Values.....17
Table 5: Ditch Capacity Evaluation 17

Attachments

Attachment A – TC Calculations (Digital Support)
Attachment B – VCRAT Output (Digital Support)
Attachment C – Roadside Ditch Capacity Analysis Schematics (Digital Support)

Digital Support Data

https://www.dropbox.com/scl/fo/xavihdwdq196hw8a5r11j/h?rlkey=oe3jkmjytyxlkhpckcnr9ob1p&dl=0

1 Executive Summary

The County of Ventura (County) proposes to widen an approximate 1.93-mile portion of Hueneme Road, between Edison Drive and Rice Avenue, from a 2-lane roadway to a 4-lane roadway with buffered bike lanes, a paved median, and turn lanes (project). The purpose of this project is to improve vehicle and bicycle travel and safety, improve the freight movement corridor, increase connectivity for bicycle riders, and complete vehicle and bicycle improvements consistent with the Ventura County 2040 General Plan (General Plan) on Hueneme Road from Edison Drive to Rice Avenue.

Hydrology for the project, located in unincorporated County just southeast of the Oxnard city limits, was evaluated using the County's Modified Rational Method (VCRAT) hydrology software for the 10-year, 25-year, 50-year, and 100-year storm events with several impervious factor assumptions due to agricultural practices (plastic cover). Existing roadside ditch capacities are also analyzed as part of this Hydrology Study Report.

The ditches along Hueneme Road convey runoff directly from Hueneme Road but also from adjacent agricultural land uses. The study area for this report was therefore defined as the total area draining to the portion of Hueneme Road that is within the project limits. Runoff discharges from the study area via one of four culverts including one under Edison Drive at Hueneme Road and three under Hueneme Road at Arnold Road (#53091-1-1), Olds Road (#53092-1-2), and approximately 1,686 feet east of Rice Avenue.

The purpose of this Hydrology Study Report is to establish existing conditions peak flow rates at each of the four project discharge locations for the 10-year, 25-year, 50-year, and 100-year storm events. The hydrologic model analysis and results, assumptions, and supporting data are documented as well. Electronic data including hydrology model input and output files, time of concentration (Tc) calculations, hydraulic capacity model input and output files, and hydraulic capacity model schematics can be downloaded using the following Dropbox link:

https://www.dropbox.com/scl/fo/xavihdwdq196hw8a5r11j/h?rlkey=oe3jkmjytyxlkhpckcnr9ob1p&dl=0

Peak flow rates as well as storm volumes at the project discharge locations differ significantly between the high and low imperviousness scenarios. In general, peak flow rates at the project discharge locations range between 19 and 273 cubic feet per second (cfs) (0.2 - 0.9 cfs/ac) for the 10-year storm event and 43 and 467 cfs (0.5 - 1.5 cfs/acre) for the 100-year storm event (across both imperviousness scenarios). Storm volumes yield between 15 and 96 acre-feet (AF)for the 10-year storm event and 27 and 149 AF for the 100-year storm event.

2 Project Background

This study evaluates existing conditions hydrology for the Hueneme Road Widening Project. The County's VCRAT hydrology software was utilized to evaluate hydrology of the study area for the 10-year, 25-year, 50-year, and 100-year storm events.

2.1 Project Description

Hueneme Road is part of the National Highway System and is designated as the primary truck route between United States Highway 101 (US 101) and the Port of Hueneme. It connects Port Hueneme Road at its westernmost limit in the City of Port Hueneme and South Lewis Road at its easternmost limit in unincorporated Ventura County (see Figure 1).

The project would include four 12-foot through lanes (two in the eastbound direction and two westbound direction), a 14-foot paved median, two 6-foot bike lanes on either side of the roadway with a 2-foot buffer between the bicycle lanes and the traffic lanes, and two 4-foot shoulders on either side of Hueneme Road between Edison Drive and Rice Avenue (Figure 2). All existing left-turn lanes would be retained as part of the project. The total width of the new roadway would vary between 63 to 72 feet. The widened roadway would taper to the existing configuration of one travel lane in each direction approximately 1,200 feet east of Rice Avenue.

The existing centerline of the road would be shifted as part of the roadway widening. Construction of the widened roadway would require a maximum ground disturbance of approximately 12 to 14 inches in depth to install the new roadbed. Widening of the roadway would result in approximately 339,000 square feet of increased impervious surface area. The surface runoff resulting from increased impervious surface would be directed toward existing and relocated roadside drainage. It is anticipated that the existing drainage ditch on the north side of the roadway would be shifted north to accommodate the widening of the road. The limits of the relocated ditch would not extend beyond the new County right-of-way (ROW) line (Figure 3).

Construction of the project is anticipated to last approximately 12 months. The project would require three traffic signal modifications, drainage pipe and drainage inlet relocations, culvert extensions and relocations, 41 power pole relocations, and 10 irrigation and water facility relocations. The power poles along Hueneme Road are located within County ROW; however, coordination and preplanning would be needed with Southern California Edison (SCE) to relocate the poles prior to widening the roadway and the relocations are likely to take place outside of the estimated 12-month

construction duration Additionally, there are Frontier Communications (Telecommunications) facilities on the SCE overhead poles and underground lines along Hueneme Road. Sempra Utilities (Gas Company) has gas transmission mains along Hueneme Road near Edison Drive; the existing gas main may be impacted where drainage and/or water facilities are relocated. Signal pole relocations would require ground disturbance at a maximum depth of 16 feet. The project would not include the relocation of any water lines, recycled water lines, or sewer mains.

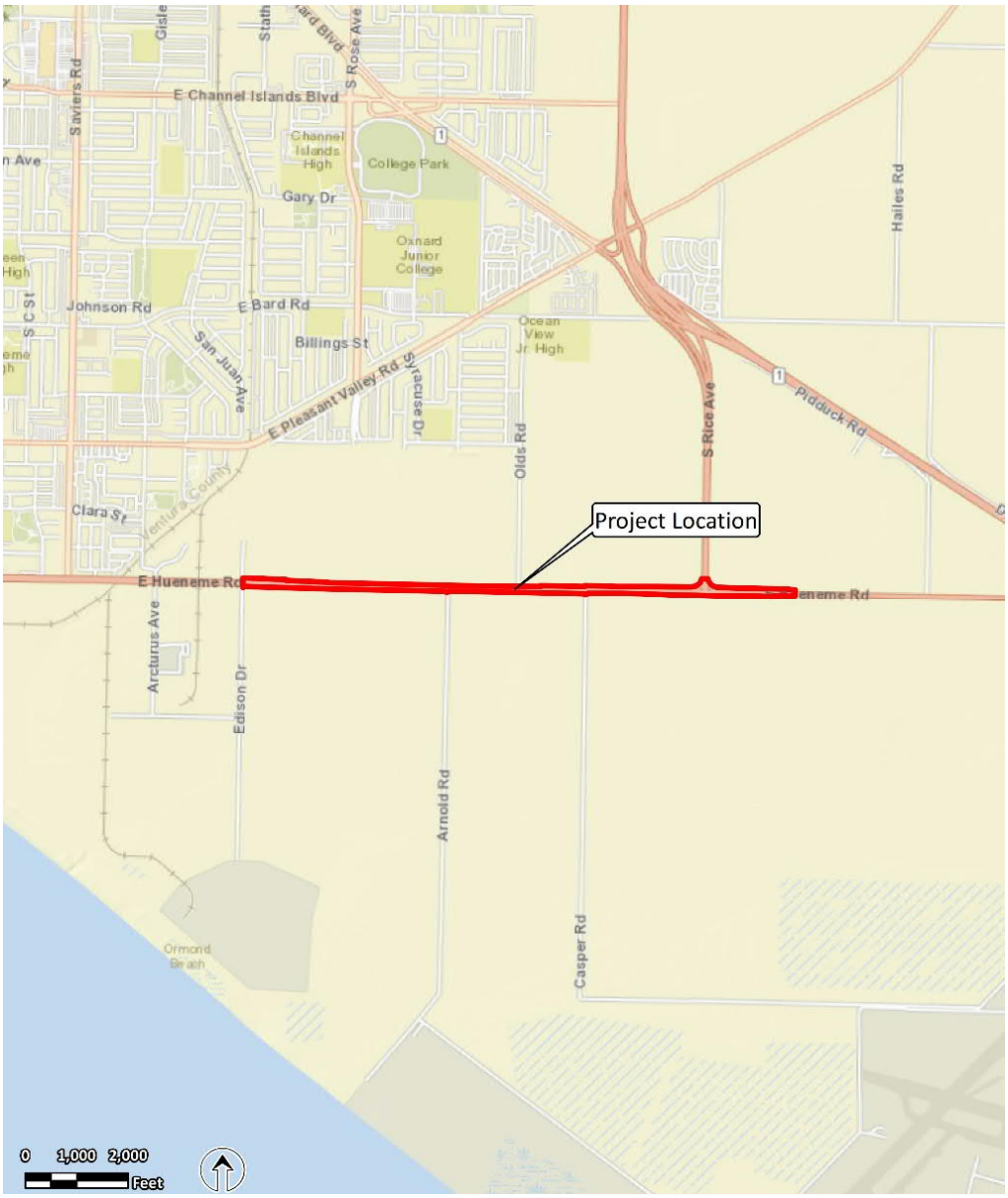


Figure 1. Project Location

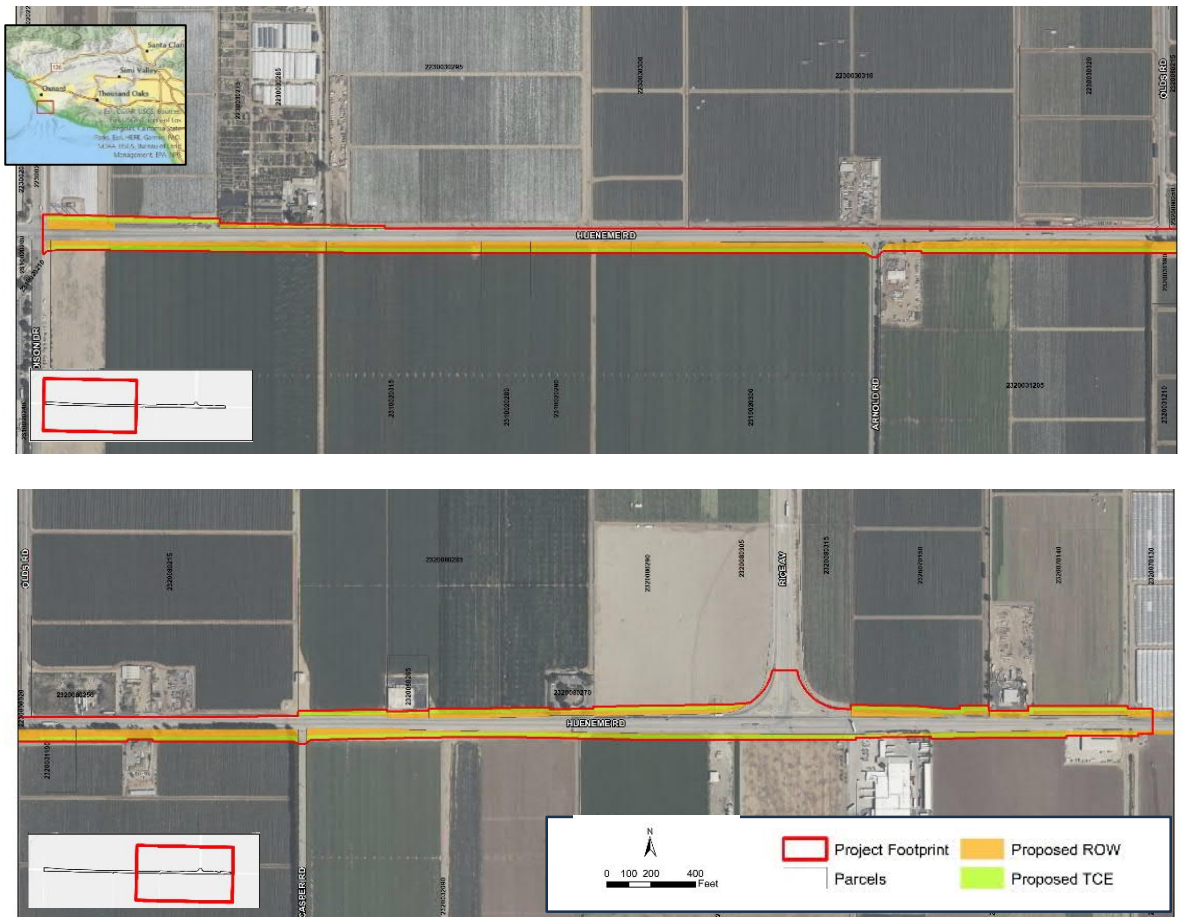


Figure 2. Project Elements

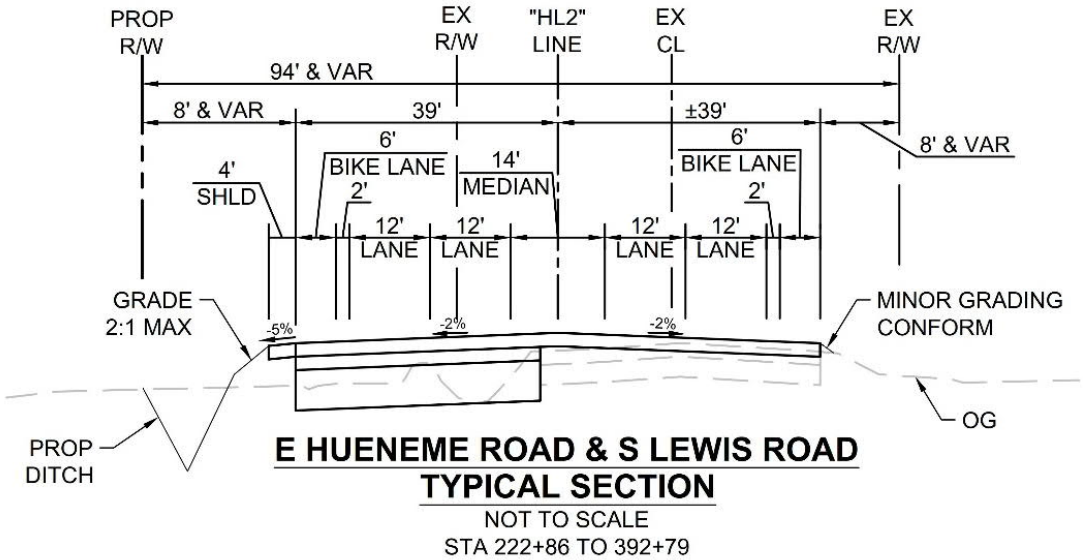


Figure 3. Typical Section (MNS, 2021)

2.2 Local Drainage

On Hueneme Road within the project area, the roadway crowns along the median and sheet flows toward the shoulders. On the south half of the crown, runoff sheet flows into adjacent impervious areas. On the north half of the crown, runoff either flows into adjacent impervious areas or one of a series of roadside ditches where it mixes with runoff from adjacent agricultural land uses. Roadside ditches convey mixed flows to one of four culverts discharging from the project area into the larger stormwater conveyance system. Discharge locations include one culvert under Edison Drive and three culverts under Hueneme Road at Arnold Road (#53091-1-1), Olds Road (#53092-1-2), and approximately 1,686 feet east of the Rice Avenue (see Figure 4).

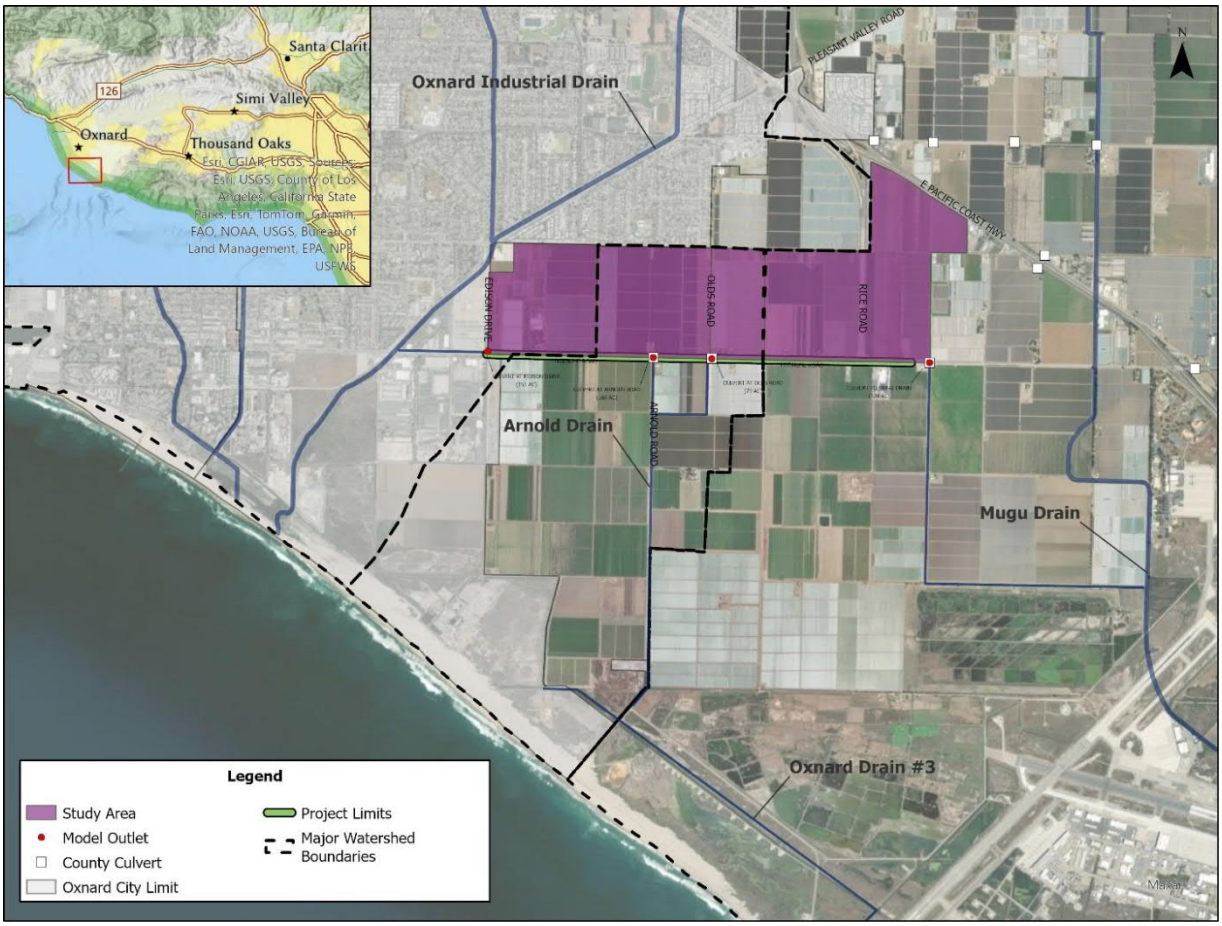


Figure 4. Study Area

3 Hydrology

3.1 General Approach

To evaluate the hydrologic impacts of the project improvements, VCRAT (Version 2.64 Ventura County, Build 2.64.0.37, 2018) models were developed to simulate existing conditions at the four discharge locations (VCWPD, 2017). VCRAT is essentially the application of the Modified Rational Method hydrology, which uses input parameters developed specifically for soil types and rainfall characteristics in Ventura County (VCWPD, 2017). For a specified design storm, VCRAT calculates a hydrograph for all subarea collection points within the watershed, combines hydrographs from each subarea, and routes the combined hydrograph through the defined channel system. The required input data for each subarea consists of the drainage area, Tc, soil type, percent impervious and design storm type. Reservoir and channel routing parameters can be added if needed. The result is the calculation of a peak flow rate and hydrograph for the specified design storm frequency based on the Modified Rational Method procedures.

Existing conditions models were developed for the 10-year, 25-year, 50-year, and 100-year storm events in VCRAT based on the approach outlined in the 2017 Ventura County Design Hydrology Manual (VCWPD, 2017). The model extent includes all areas (Hueneme Road and adjacent parcels) tributary to the four discharge locations. These locations were selected as the outlets for the evaluation to capture all potential hydrologic impacts of the project. The watersheds tributary to these discharge locations were delineated manually in ArcGIS 10.8 (ESRI, 2020) based on half-foot contours and known storm drain infrastructure locations. Each watershed was further split up into subareas, which range in size from 20 to 81 acres. The resulting watersheds and individual subareas are illustrated in Figure 5.

Two versions of each model were developed to capture the runoff differences resulting from high imperviousness agricultural practices (i.e. plastic covers) and low imperviousness agricultural practices (i.e. straight row crops, no plastic covers). Because the agricultural practices vary by planting season and plot, runoff conditions may vary significantly from storm to storm. This approach was intended to capture the range of potential discharges that are possible.

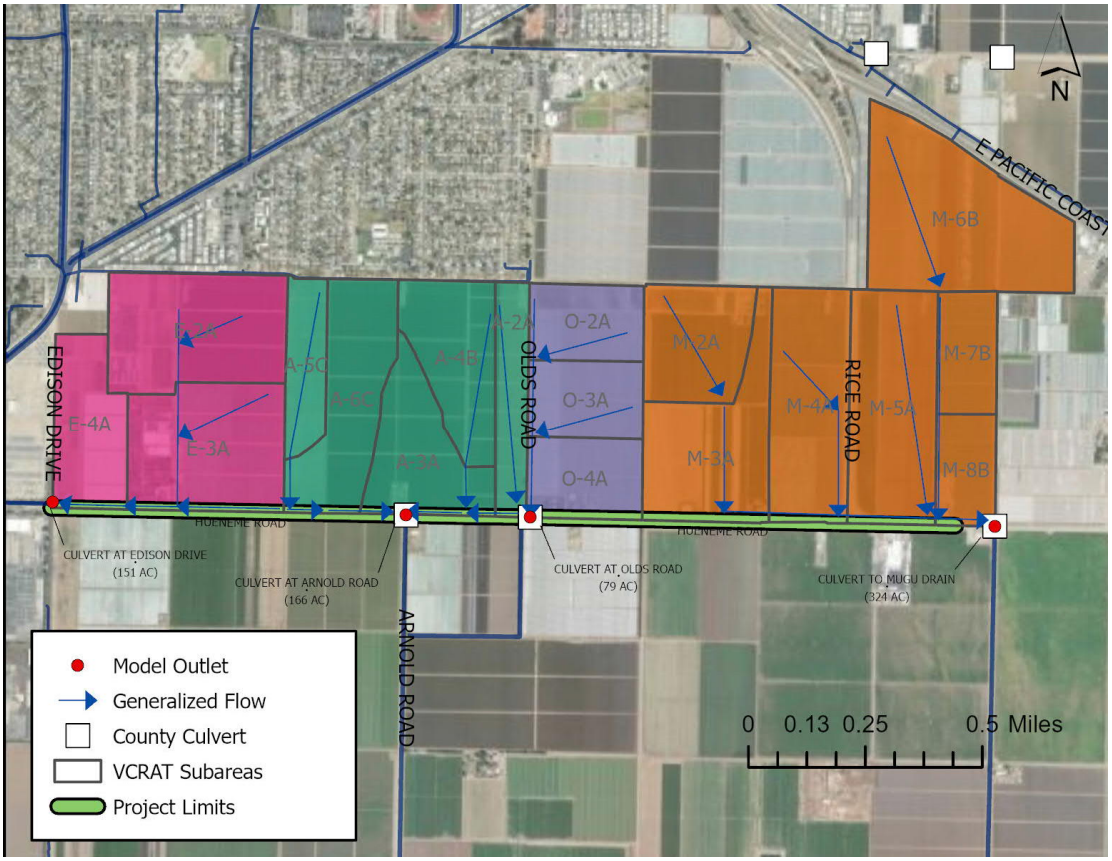


Figure 5. VCRAT Model Subareas

To conservatively estimate storm event volumes, hydrographs were “fattened” or adjusted to more closely match yields that would be calculated based on the National Resource Conservation Services (NRCS) Curve Number (CN) approach to hydrograph development. Using guidance in the Ventura County Hydrology Manual (VCWPD, 2017) Section 3.11, fattening parameters were developed for each storm event and applied to the modeled watershed.

3.2 Parameter Estimation

Data sources, methods for development, and area weighted calculations of modeled parameters are summarized in Table 1. Respective datasets are illustrated in Figure 6 - Figure 9 for the model extent.

Table 1: VCRAT Model Data Sources and Methods for Development

Parameter	Data Source(s)	Methods	Parameter Estimate
Watershed Boundaries (Figure 5)	1) Southern CA Wildfires LiDAR (USGS, 2018) 2) Aerial Imagery (ArcGIS Map Service) 3) Drainage Infrastructure (VCSWPP GIS Update – In Progress, 2023)	Tributary area delineated manually in ArcGIS	Edison Drive: 151 ac Arnold Road: 167 ac Olds Road: 79 ac E Rice Road: 324 ac
Soils (Figure 6)	1) Appendix E Hydrology Manual Soils shapefile, downloaded from the County of Ventura	Area-weighted for the tributary area	All subareas: Soil #3
Rainfall* (Figure 7)	1) Appendix E Hydrology Manual Rainfall Zones, (NOAA, 2017), downloaded from the County of Ventura 2) Appendix E Hydrology Manual 24hr Rainfall (in), (NOAA, 2017), downloaded from the County of Ventura	Estimated in ArcGIS	Rainfall Zone: Oxnard Plain - Nyeland Drain 10-Yr: 4.000 in 25-Yr: 4.625 in 50-Yr: 5.250 in 100-Yr: 6.000 in
Imperviousness (Figure 8)	1) Aerial Imagery (ArcGIS Map Service) 2) Exhibit 14A and 14B, Design Hydrology Manual, (VCWPD, 2017)	Land uses were delineated manually in ArcGIS. Effective impervious values from Exhibit 14a were applied based on land use. Area-weighted averages were calculated for each subarea.	Agriculture: Low: 1% High: 72% Farmstead: 23% Road: 100%
Curve Number (CN) (Figure 8)	1) Aerial Imagery (ArcGIS Map Service) 2) Appendix E Hydrology Manual Soils shapefile, downloaded from the County of Ventura 3) Exhibit 14A and 14B, Design Hydrology Manual, (VCWPD, 2017)	A curve number grid was developed based on polygons having unique land use/soil characteristics. CNs were then area weighted for the tributary area.	CNs were assigned based on LU and Soil #3 as follows: Agriculture: Low: 84 High: 96 Farmstead: 80 Road: 91
Time of Concentration* (Figure 9)	1) Southern CA Wildfires LiDAR (USGS, 2018) 2) Aerial Imagery (ArcGIS Map Service)	Flowpaths for each conveyance type were delineated and measured for length and slope in ArcGIS. Areas contributing to each conveyance type were delineated. The Ventura County Tc Calculator Program was used to calculate Tcs for the model extent.	Varies by watershed (Attachment A)

*Calculations performed separately for each method (2017 and 2010) using relevant rainfall depths.

Figure 6. Soils

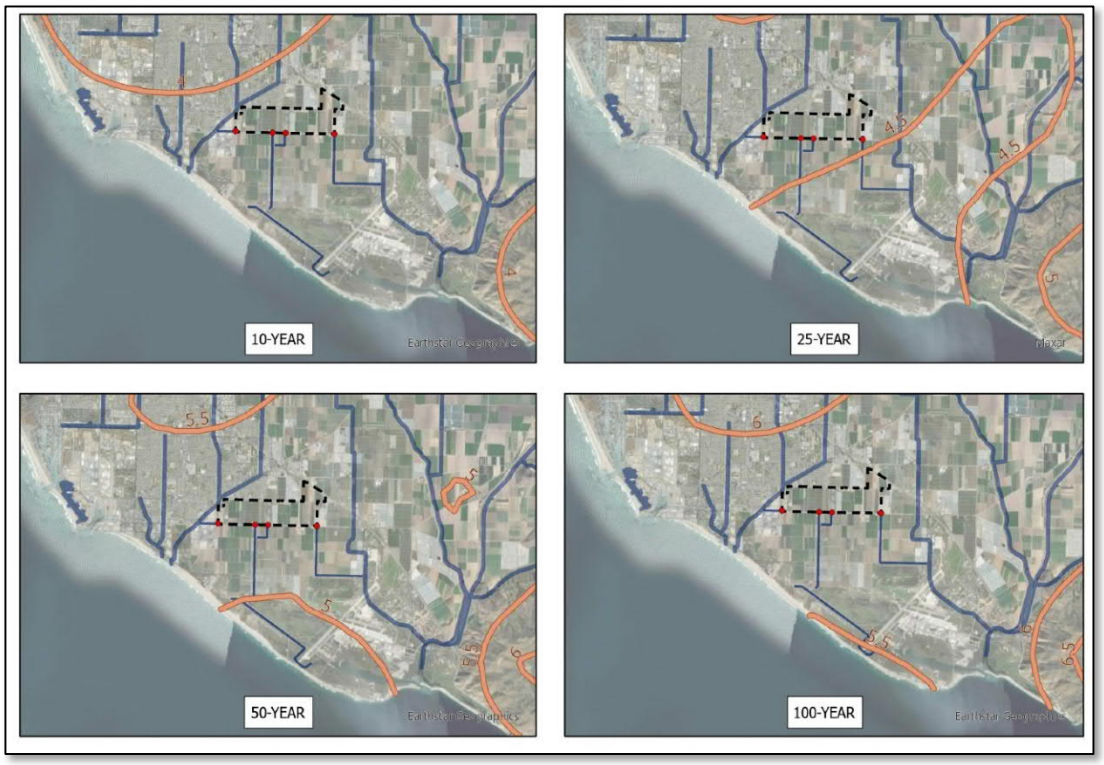


Figure 7. Rainfall Depths

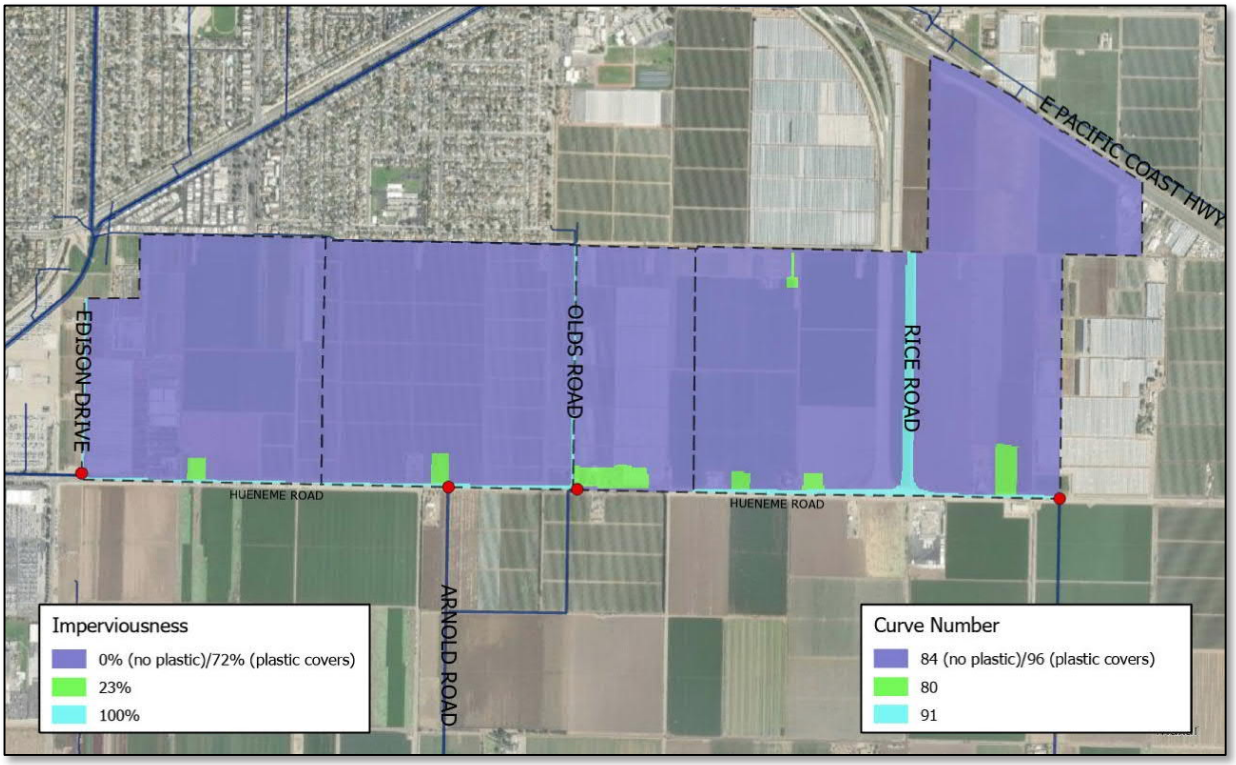


Figure 8. Imperviousness/Curve Number

Figure 9. Tc Flowpaths and Catchment Areas

3.3 Time of Concentration

To establish subarea Tcs, the longest flow paths for each catchment were delineated using elevation and drainage infrastructure data. These were then divided into segments depending on conveyance type (overland, natural channel, street, etc.). Catchment areas were then apportioned to each conveyance type based on capture area. Flow lengths, slopes, and tributary areas for each conveyance type in each subarea were then entered into the Ventura County Tc Calculator program (https://www.vcpublicworks.org/wp/hydrologymanual/) and used in combination with generalized subarea data (rainfall depth, imperviousness, land use, rainfall zone) to calculate event-specific times of concentration.

4 Hydrology Results

Peak flow rates at the project discharge locations differ significantly between the two imperviousness scenarios. Under straight row crop conditions (no plastic covers), 10-year peak flow rates range between 19 and 72 cfs (0.2 and 0.9 cfs/acre) and 100-year peak flow rates range between 43 and 215 cfs (0.8 and 1.5 cfs/acre) at the project discharge locations, illustrated in Figure 10 and Figure 11. In contrast, under plastic cover conditions, 10-year peak flow rates range between 57 and 273 cfs for the 10-year storm event and 108 and 467 cfs for the 100-year storm event. In general, peak flow rates increase by 117 percent to 268 percent under plastic cover conditions. Peak flow rate results for the project discharge locations are summarized in Table 2.

Hydrograph volumes also differ significantly between the two imperviousness scenarios. Under straight row crop conditions (no plastic covers), 10-year storm event volumes range between 15 and 64 AF and 100-year storm event volumes range between 27 and 113 AF at the project discharge locations. In contrast, under plastic cover conditions, 10-year storm event volumes range between 23 and 96 AF for the 10-year storm event and 36 and 149 AF for the 100-year storm event. In general, storm volumes at the project discharge locations yield between 0.2 and 0.3 AF/ac for the 10-year storm event and 0.3 and 0.5 AF/ac for the 100-year storm event (across both imperviousness scenarios). Hydrograph volumes at the project discharge locations are summarized in Table 3.

Table 2: Peak Flow Results Summary (cfs)

Watershed	Outlet ID	Tributary Area (ac)	Low Imperviousness		High Imperviousness	
			Peak Discharge (cfs)	CFS/AC	Peak Discharge (cfs)	CFS/AC
10-YEAR STORM EVENT						
Edison Rd	4A	151	37	0.2	136	0.9
Arnold Drain	8AC	166	48	0.3	133	0.8
Olds Culvert	4A	78	19	0.2	57	0.7
Mugu Drain	9AB	324	72	0.2	273	0.8
25-YEAR STORM EVENT						
Edison Rd	4A	151	54	0.4	172	1.1
Arnold Drain	8AC	166	69	0.4	164	1.0
Olds Culvert	4A	78	28	0.4	81	1.0
Mugu Drain	9AB	324	104	0.3	344	1.1
50-YEAR STORM EVENT						
Edison Rd	4A	151	67	0.4	199	1.3
Arnold Drain	8AC	166	85	0.5	206	1.2
Olds Culvert	4A	78	35	0.4	94	1.2
Mugu Drain	9AB	324	147	0.5	407	1.3
100-YEAR STORM EVENT						
Edison Rd	4A	151	82	0.5	229	1.5
Arnold Drain	8AC	166	101	0.6	237	1.4
Olds Culvert	4A	78	43	0.6	108	1.4
Mugu Drain	9AB	324	215	0.7	467	1.4

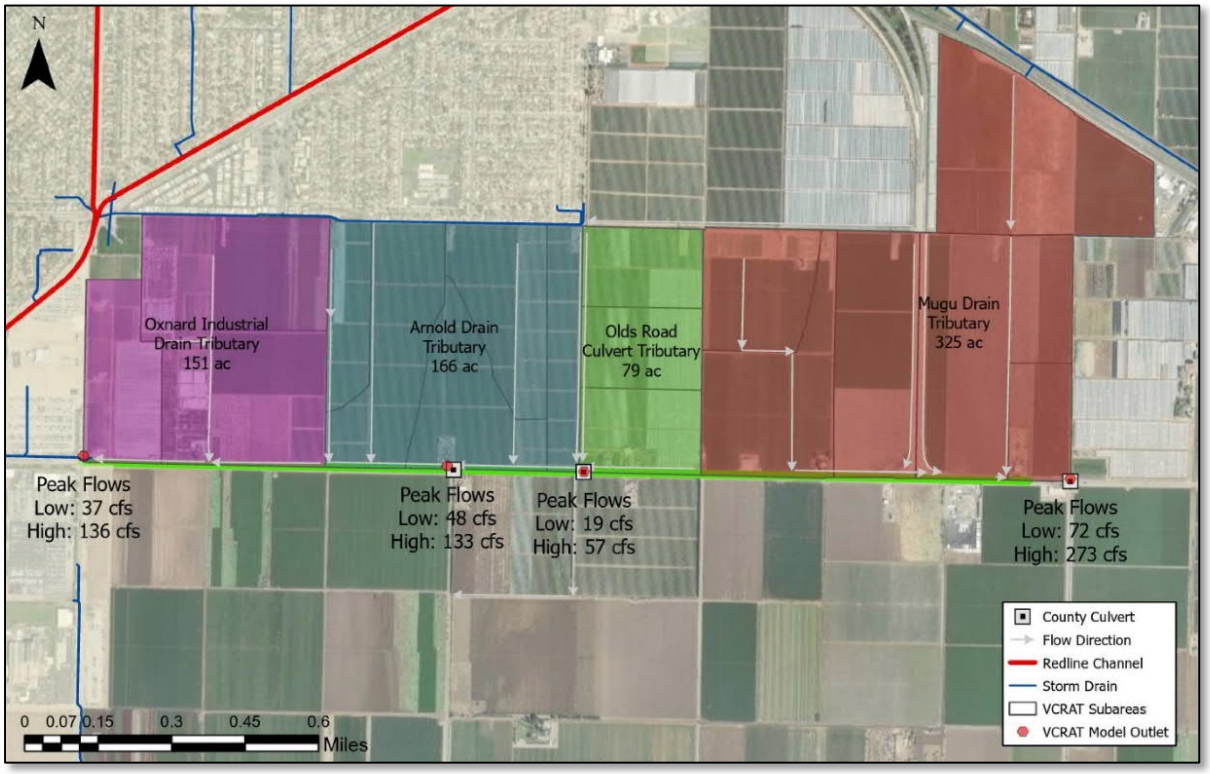


Figure 10: 10-Year Peak Flow Results

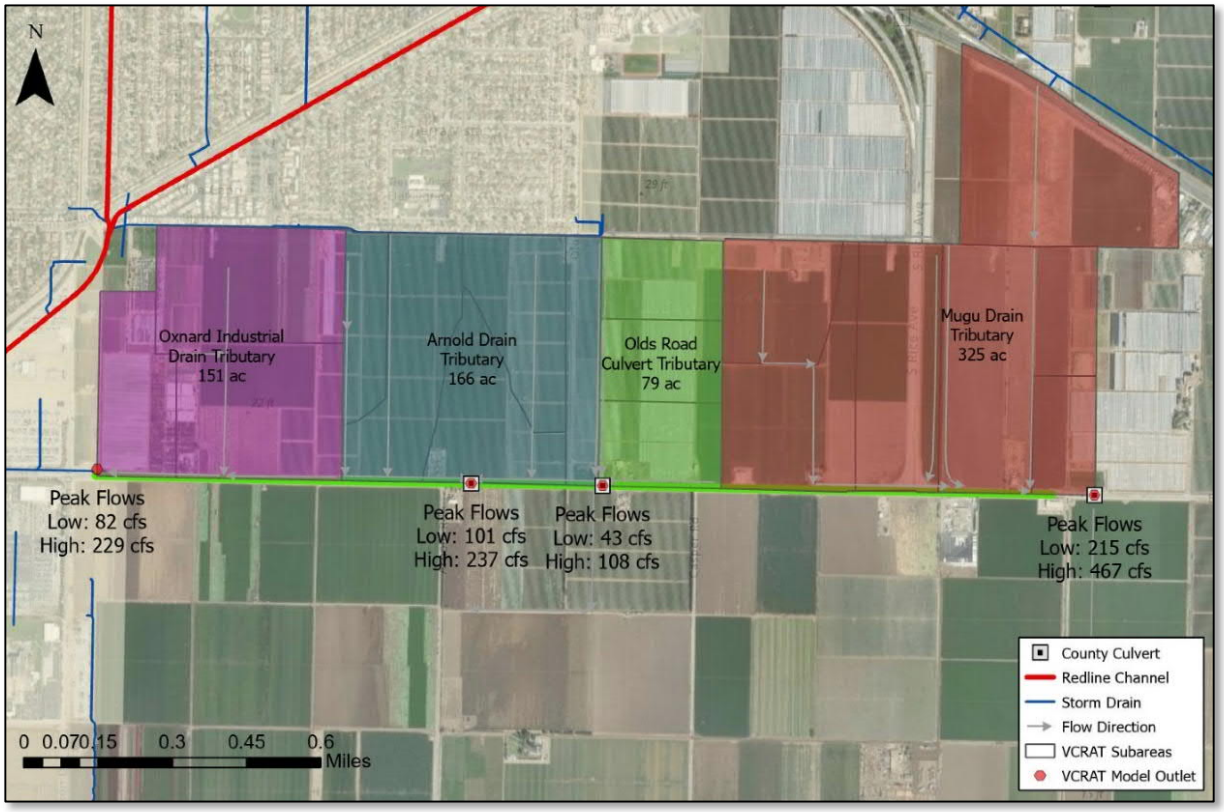


Figure 11: 100-Year Peak Flow Results

Table 3: Storm Event Volume Results (ac-ft)

Watershed	Outlet ID	Tributary Area (ac)	Low Imperviousness		High Imperviousness	
			Volume (cfs)	AF/AC	Volume (cfs)	AF/AC
10-YEAR STORM EVENT						
Edison Rd	4A	151	30	0.2	44.5	0.3
Arnold Drain	8AC	166	32.8	0.2	49	0.3
Olds Culvert	4A	78	15.4	0.2	23	0.3
Mugu Drain	9AB	324	64	0.2	95.5	0.3
25-YEAR STORM EVENT						
Edison Rd	4A	151	37	0.2	52	0.3
Arnold Drain	8AC	166	40.5	0.2	57.5	0.3
Olds Culvert	4A	78	19	0.2	27	0.3
Mugu Drain	9AB	324	79	0.2	112	0.3
50-YEAR STORM EVENT						
Edison Rd	4A	151	44	0.3	60	0.4
Arnold Drain	8AC	166	48	0.3	66	0.4
Olds Culvert	4A	78	22.7	0.3	31	0.4
Mugu Drain	9AB	324	94	0.3	129	0.4
100-YEAR STORM EVENT						
Edison Rd	4A	151	53	0.4	69.5	0.5
Arnold Drain	8AC	166	58	0.3	76	0.5
Olds Culvert	4A	78	27	0.3	36	0.5
Mugu Drain	9AB	324	113	0.3	149	0.5

5 Roadside Ditch Capacity Evaluation

The hydraulic capacity of identified Hueneme Road roadside drainage ditches, illustrated in Figure 12 and Figure 13, was estimated using the EPA SWMM version 5.2 (US EPA, 2022), using PCSWMM software interface (CHI, 2024). Flow connectivity and assumed drainage channel conditions applied for the capacity analysis are based on the *Hueneme Road Widening Project – Waterways Investigation* (GPA Consulting, 2023). Where drain size and material information were not available, sizes and materials were assumed using engineering judgment. Private drains of unknown size were assumed to be 18-inch corrugated metal pipe. Ditch and drain invert elevations were estimated using USGS 2018 Quality Level (QL-2) LiDAR data.

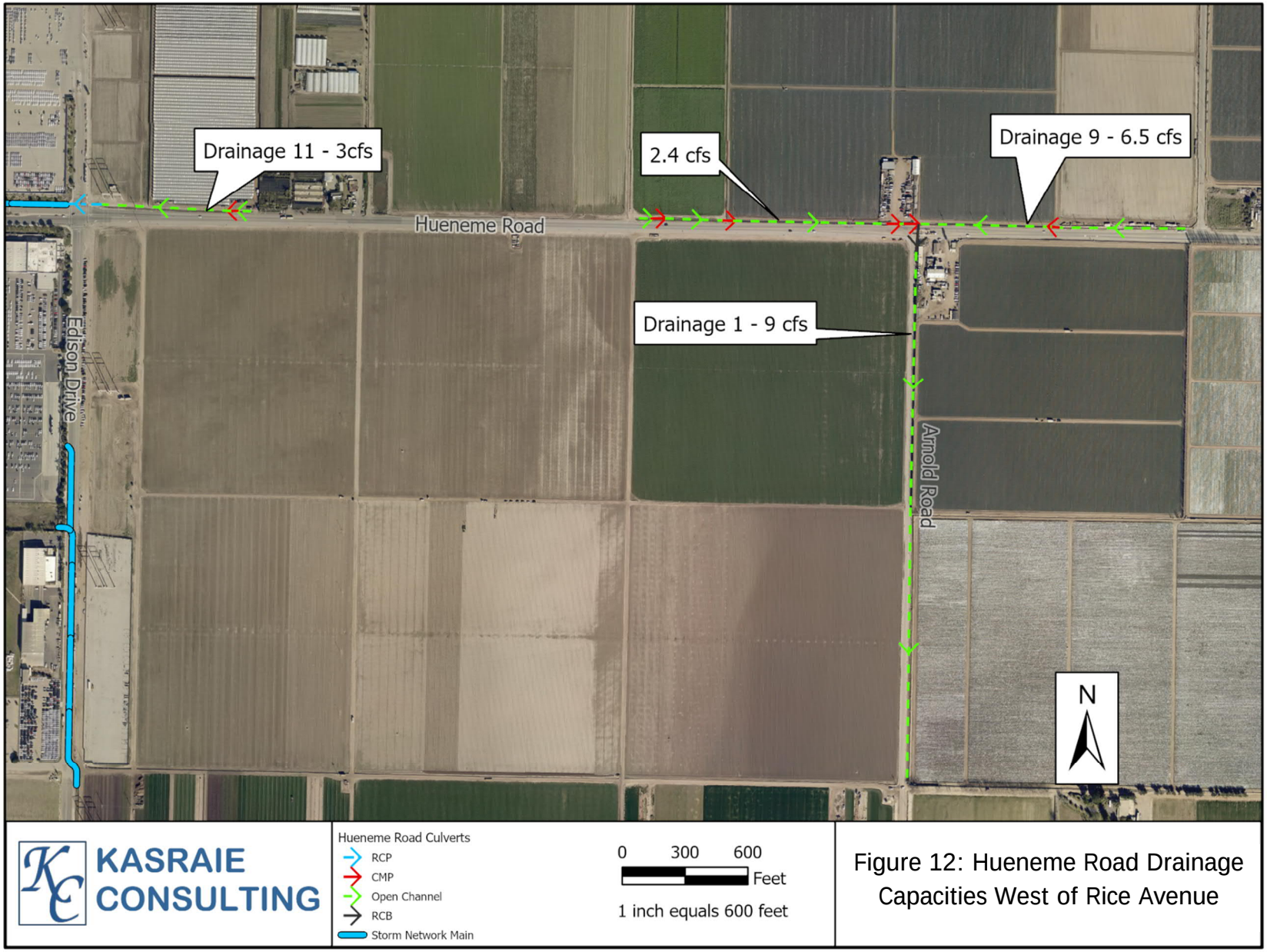


Figure 12: Hueneme Road Drainage Capacities West of Rice Avenue

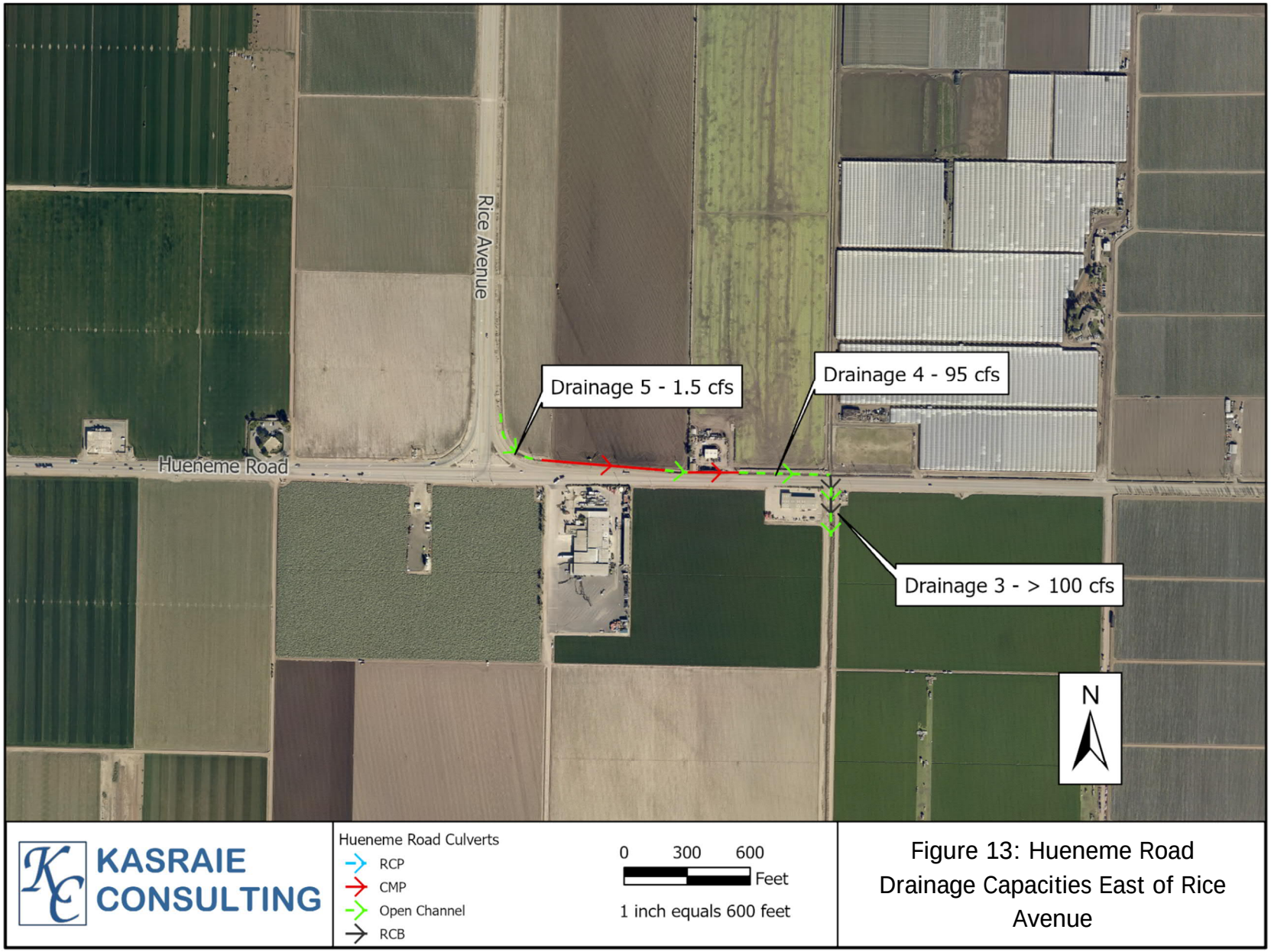


Figure 13: Hueneme Road Drainage Capacities East of Rice Avenue

Manning's "n" Values for drainage features were assigned based on 2016 Aerial Imagery, photographs from the Hueneme Road Widening Project – Waterways Investigation, the Ventura County Hydraulic Design Manual, and engineering judgement. Selected Manning's "n" values are summarized by feature type in Table 4 (VCWPD, July 1968).

Table 4: Manning's "n" Values

Cover	Manning Roughness, "n"
Agriculture	0.065
Corrugated Metal Pipe	0.024
Reinforced Concrete Box Culvert	0.012
Reinforced Concrete Pipe	0.012
Roadway Shoulder	0.045
Roadside Ditch Channel	0.035
Corrugated Metal Pipe	0.024

Capacity analysis results are summarized by drainage feature in Table 5 below. Drainage features are named consistent with the *Hueneme Road Widening Project – Waterways Investigation* (GPA Consulting, 2023). Additional figures and resources supporting the capacity evaluation are included in Attachment C.

Table 5: Ditch Capacity Evaluation

Location	GPA Investigation ID	Estimated Max Capacity (CFS)
Hueneme Road West to Oxnard Drains	Drainage 11	3
Hueneme Road Draining to Arnold Road Ditch from East	Drainage 9	6.5
Hueneme Road Draining to Arnold Road Ditch from West	--	2.4
Arnold Road Ditch	Drainage 1	9
East of Rice Avenue	Drainage 5	1.5
East of Rice Avenue	Drainage 4	95
East of Rice Avenue	Drainage 3	>100

Capacity analysis results for channels located on the north side of Hueneme Road which are less than 5 cfs are limited by the presence of private driveway culverts and the shallow slopes of the channels. The true dimensions and materials of these culverts were not known and were assumed. However, the capacity of the channels is not expected to increase by orders of magnitude with better information.

6 References

CHI. (2024). *PCSWMM 2023 Computation Hydraulics Int.* Ontario, Canada: CHI.

ESRI. (2020, February 20). ArcGIS 10.8. Redlands, CA, USA.

GPA Consulting. (2023). *Hueneme Road Widening Project - Waterways Investigation.* El Segundo, CA: GPA Consulting.

US EPA. (2022). *EPA SWMM Version 5.2, Build 5.2.4.* Cincinnati, Ohio: United States Environmental Protection Agency.

VCWPD. (2017). *Design Hydrology Manual.* Ventura, CA: Ventura County Watershed Protection District.

VCWPD. (2017, June 30). Ventura County Modified Rational Hydrology Program, Version 2.64. Ventura, CA.

VCWPD. (July 1968). *Design Manual.* Ventura County Flood Control District.

Attachment A – TC Calculations

Tc Calculations Submitted Digitally at:

https://www.dropbox.com/scl/fo/xavihdwdq196hw8a5r11j/h?rlkey=oe3jkmjytyxlkhpckcnr9ob1p&dl=0

Attachment B – VCRAT Output

VCRAT Output Submitted Digitally at:

https://www.dropbox.com/scl/fo/xavihdwdq196hw8a5r11j/h?rlkey=oe3jkmjytyxlkhpckcnr9ob1p&dl=0

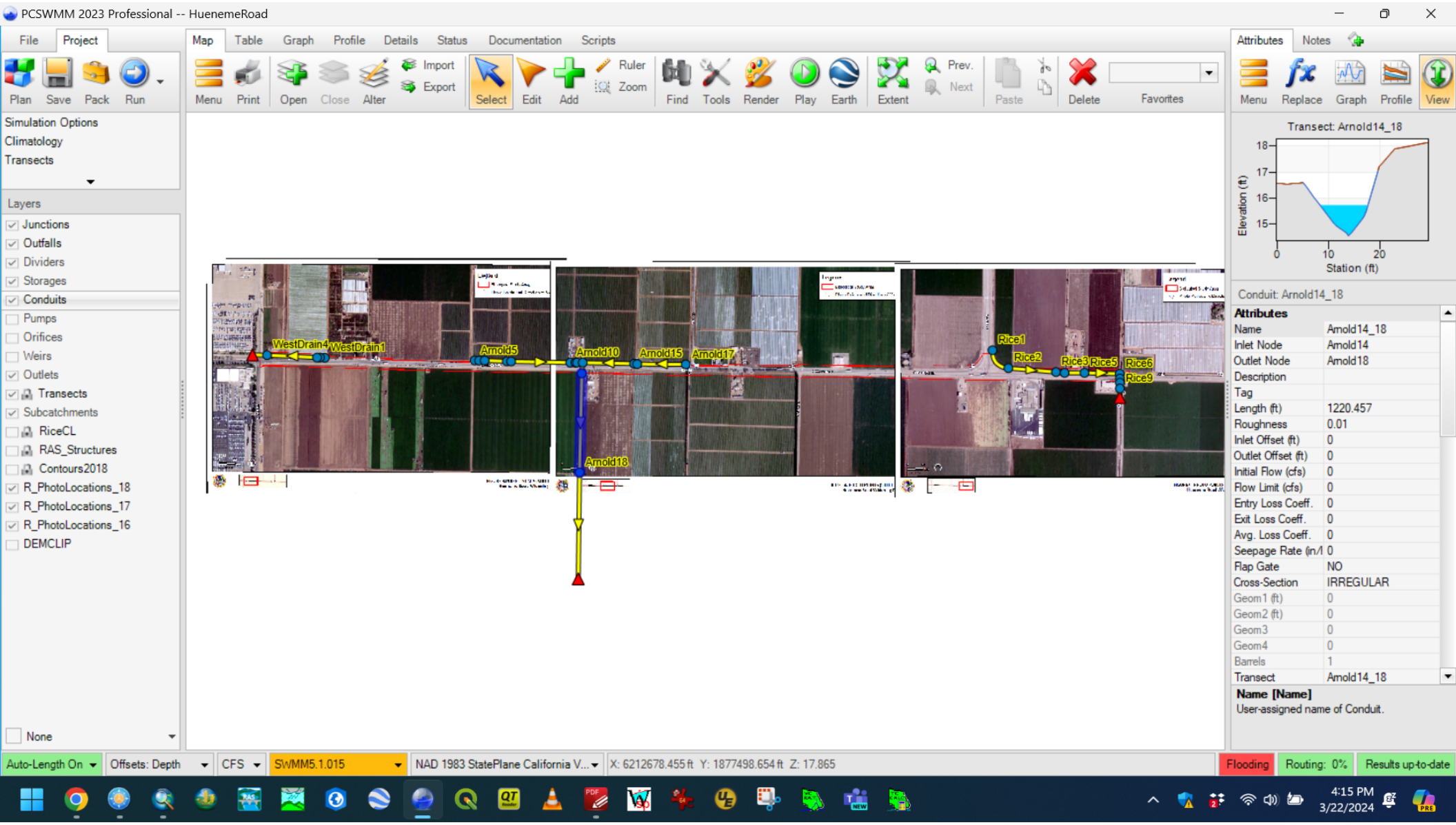
Attachment C – Roadside Ditch Capacity Evaluation

EPA SWMM (PCSWMM) Model Submitted Digitally at:

https://www.dropbox.com/scl/fo/xavihdwdq196hw8a5r11j/h?rlkey=oe3jkmjytyxlkhpckcnr9ob1p&dl=0

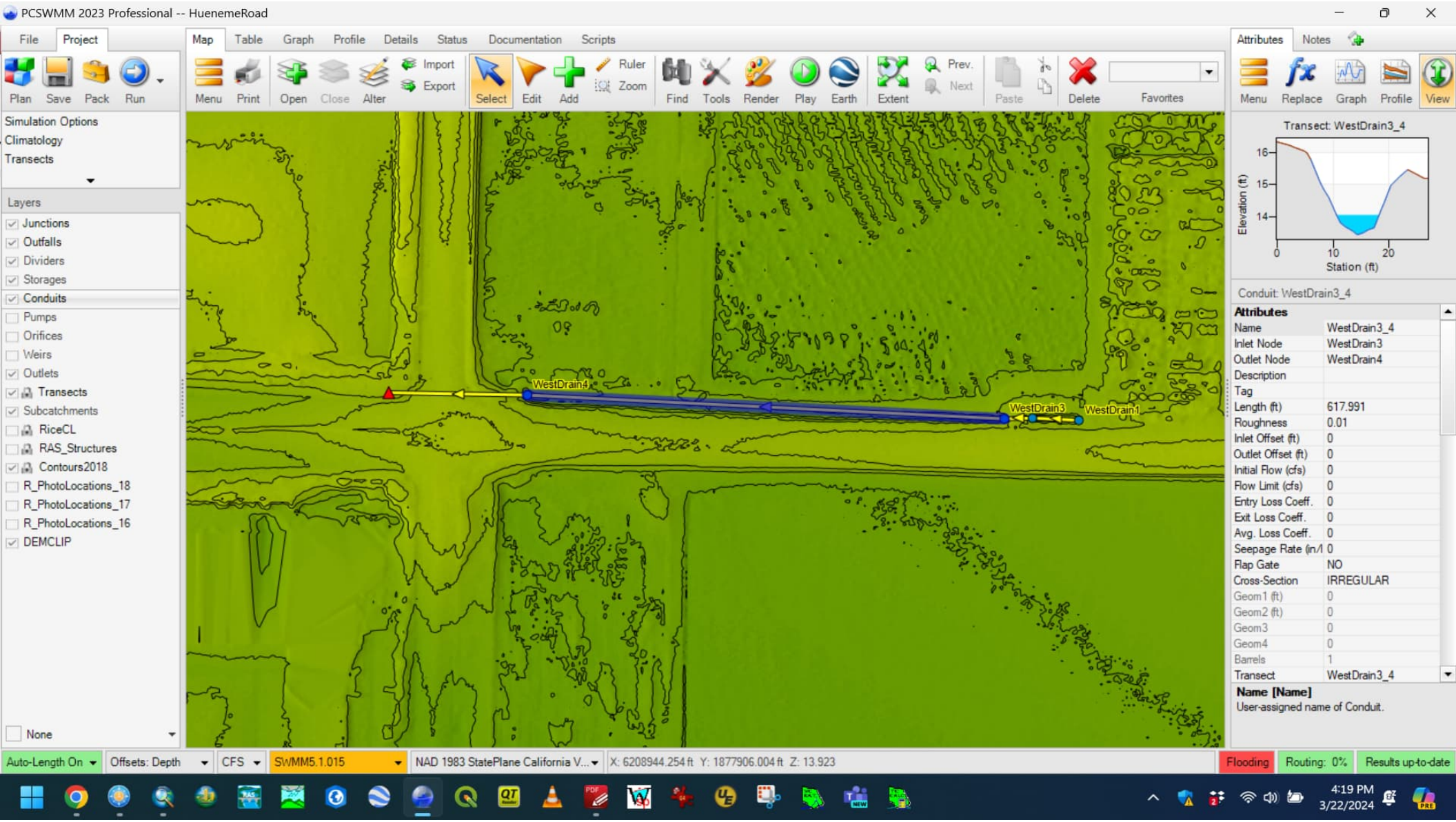
SWMM MODEL SCHEMATICS ARE PROVIDED

ON FOLLOWING PAGES



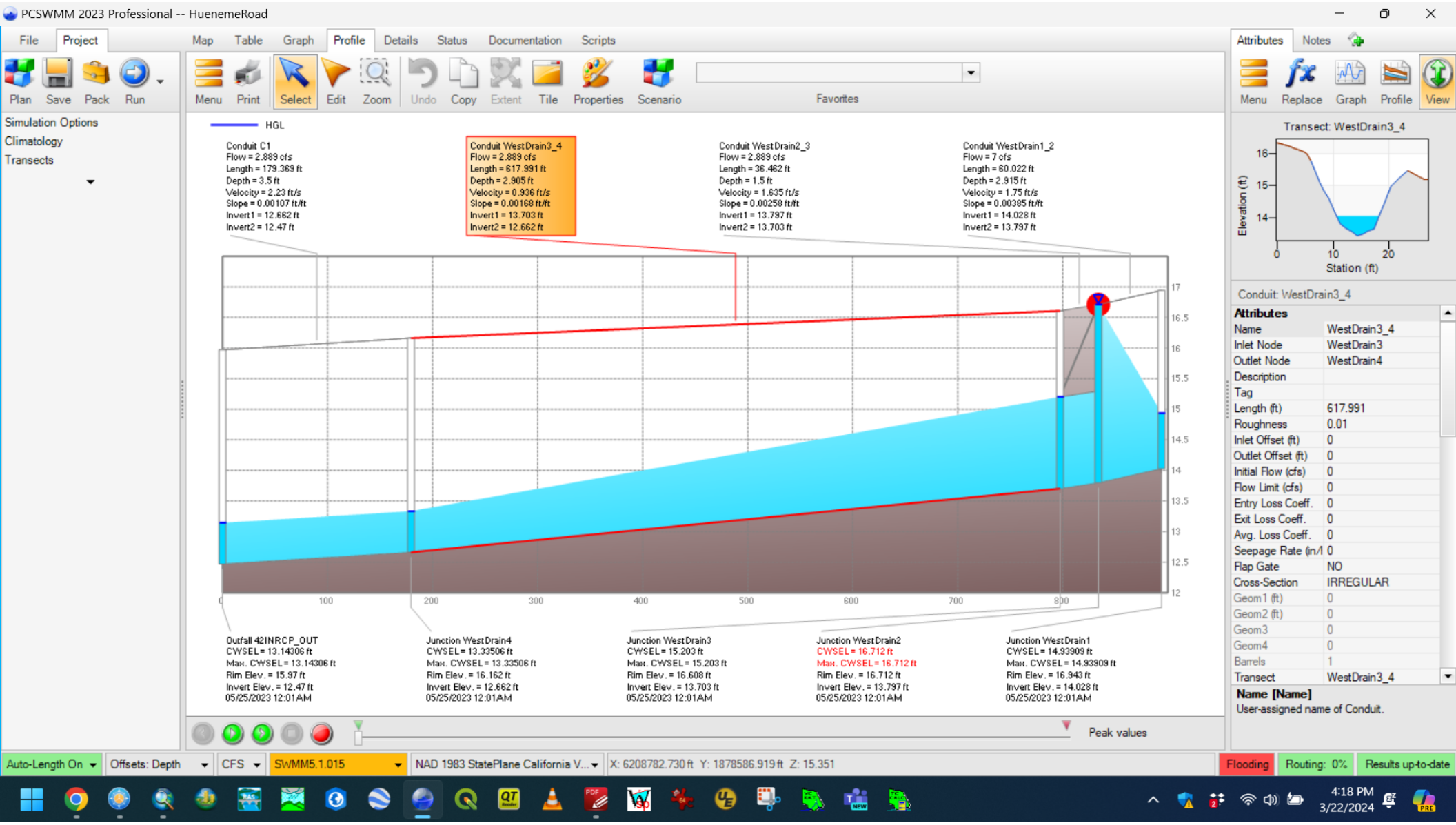
Hueneme Road Widening Project

Overall Roadside Ditches Map



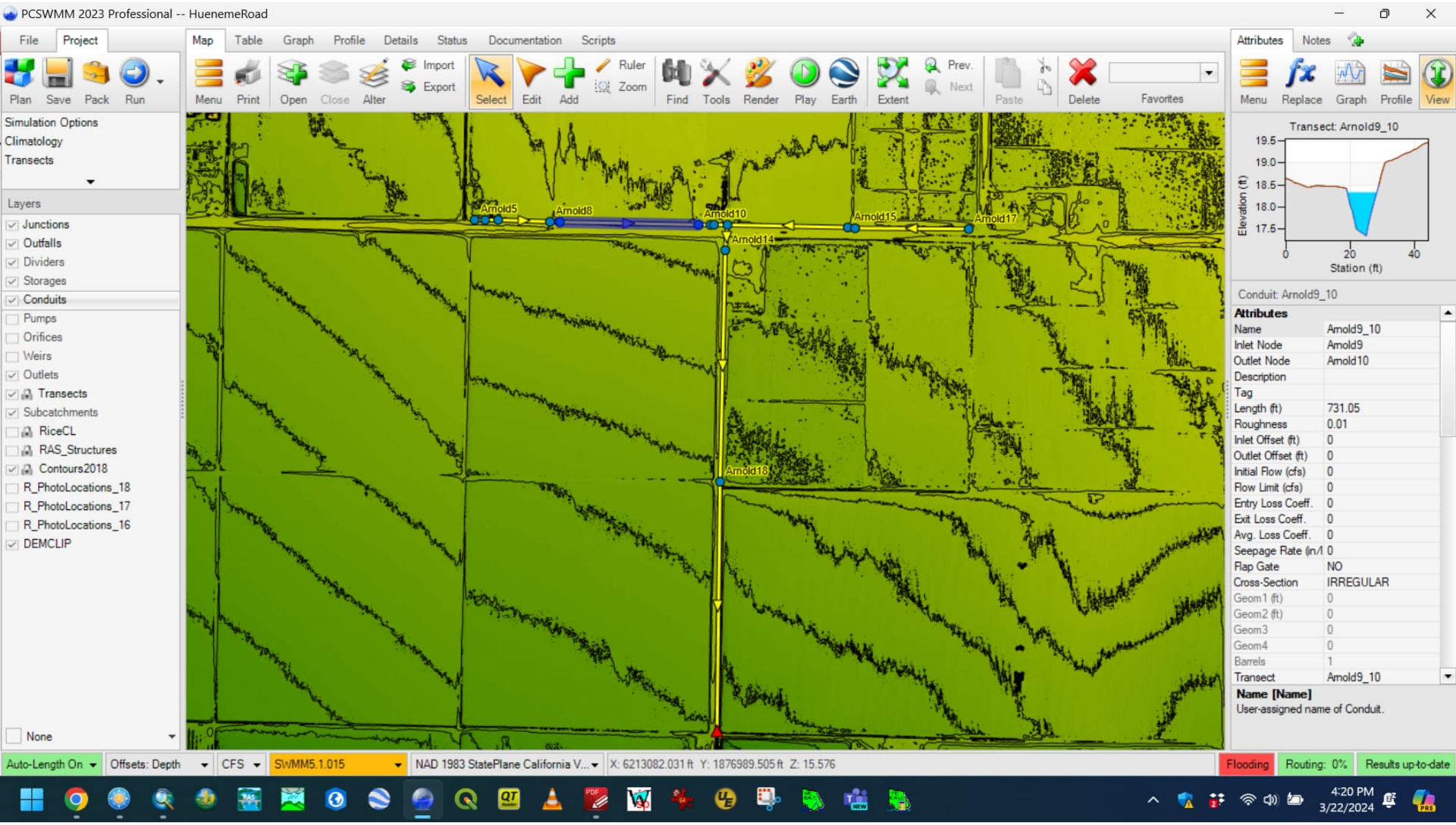
Hueneme Road Widening Project

West Drain Plan View



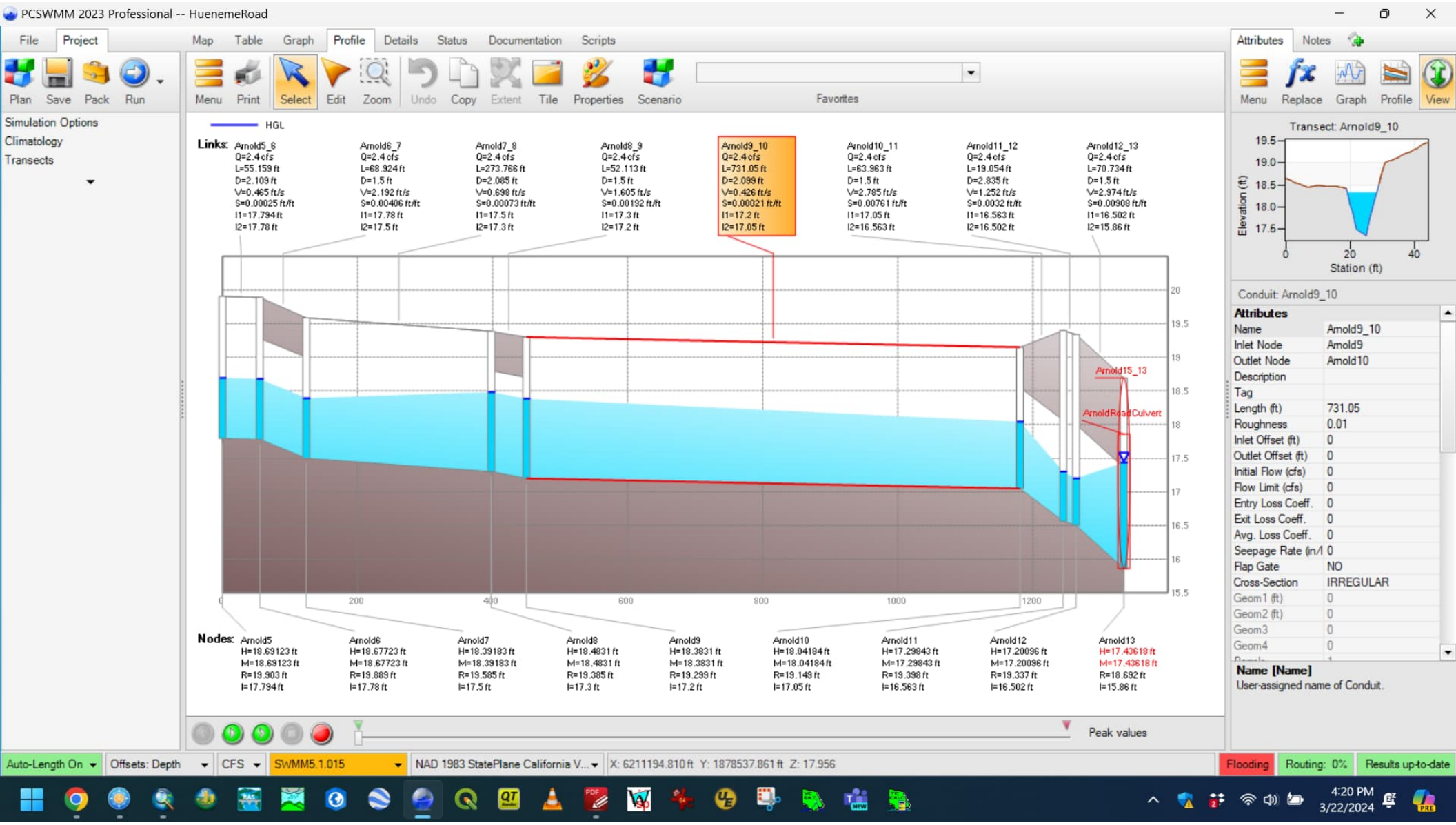
Hueneme Road Widening Project

West Drain Profile



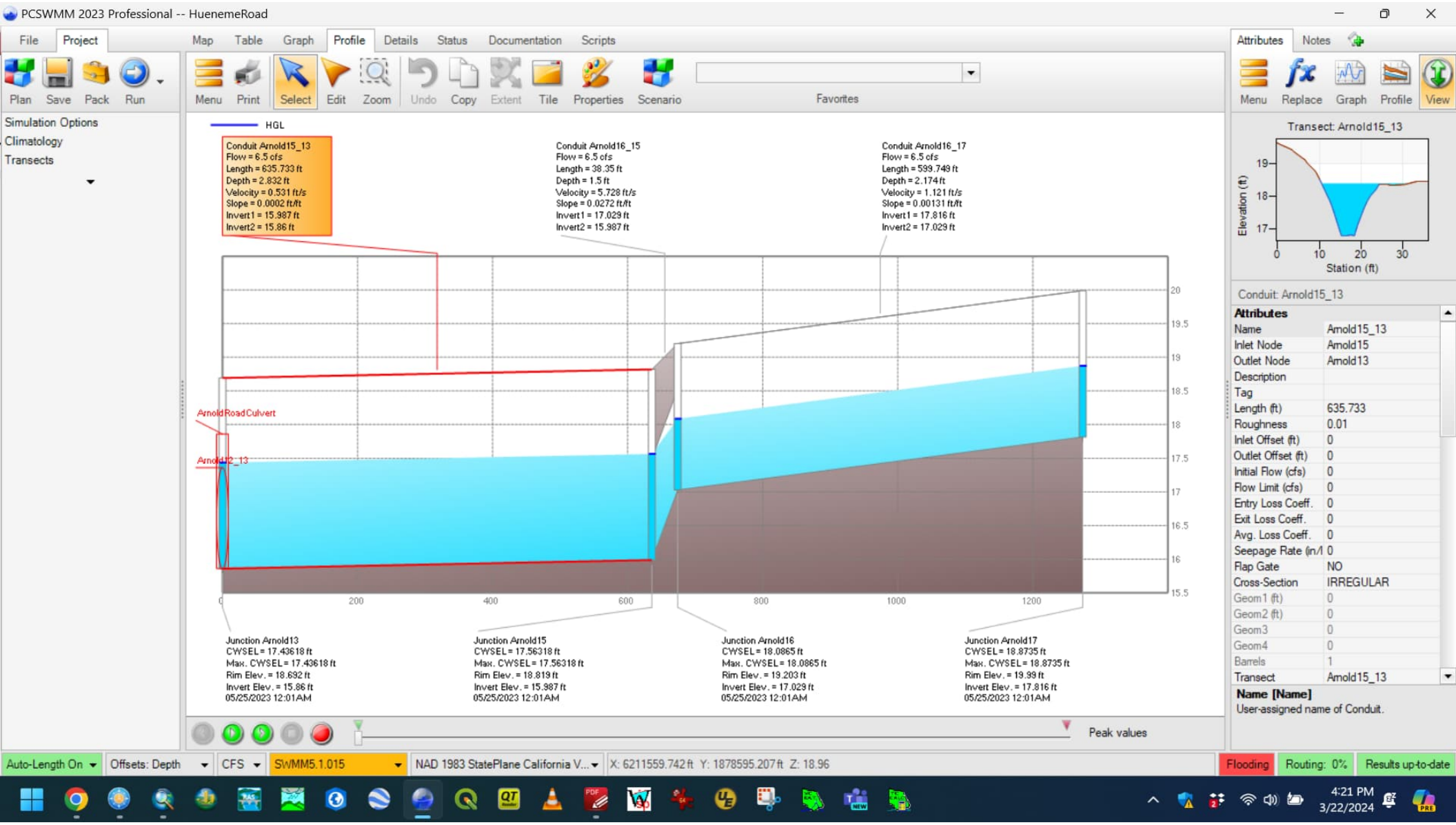
Hueneme Road Widening Project

Arnold Drain Plan View



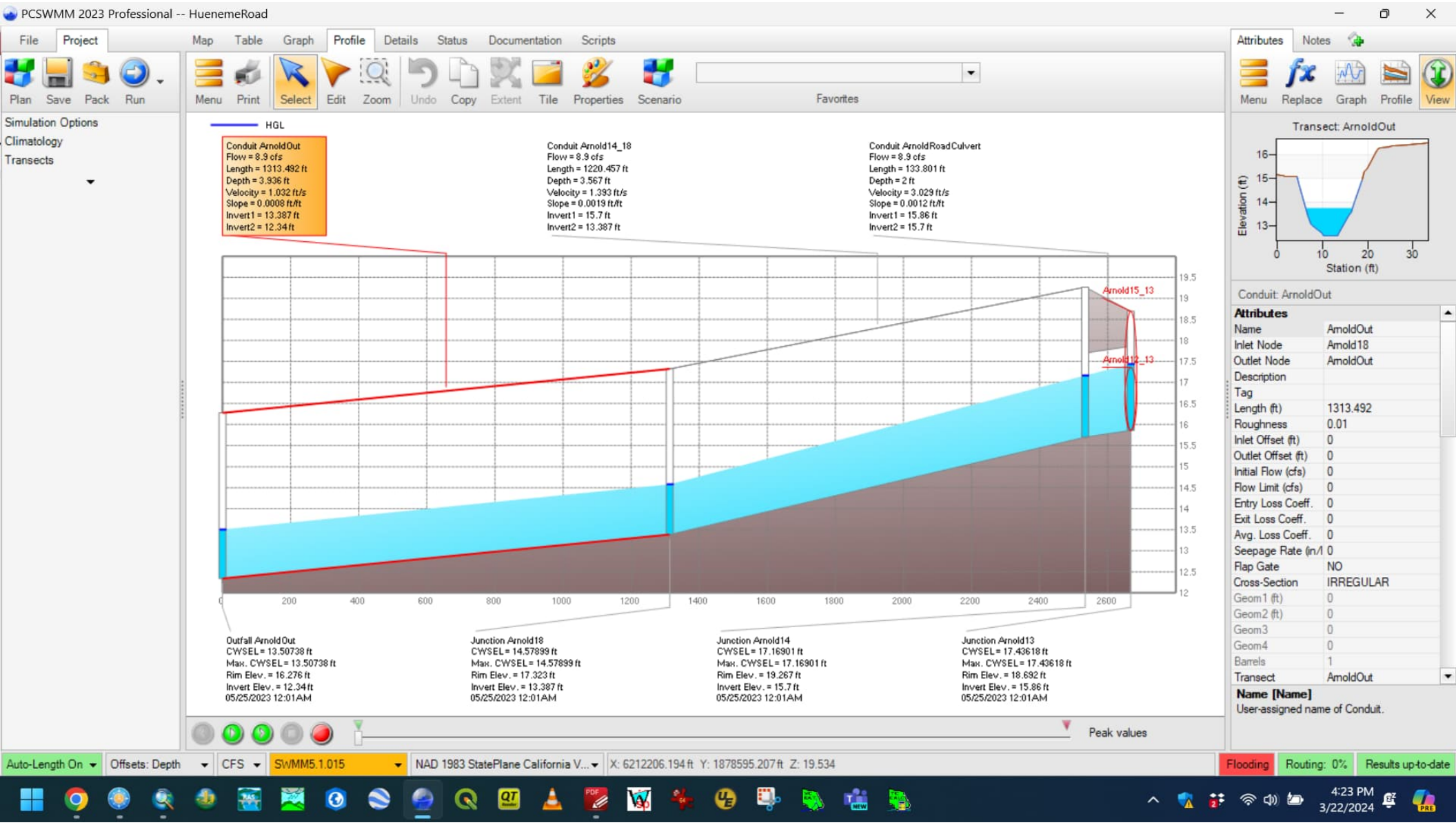
Hueneme Road Widening Project

Arnold Drain Profile-West



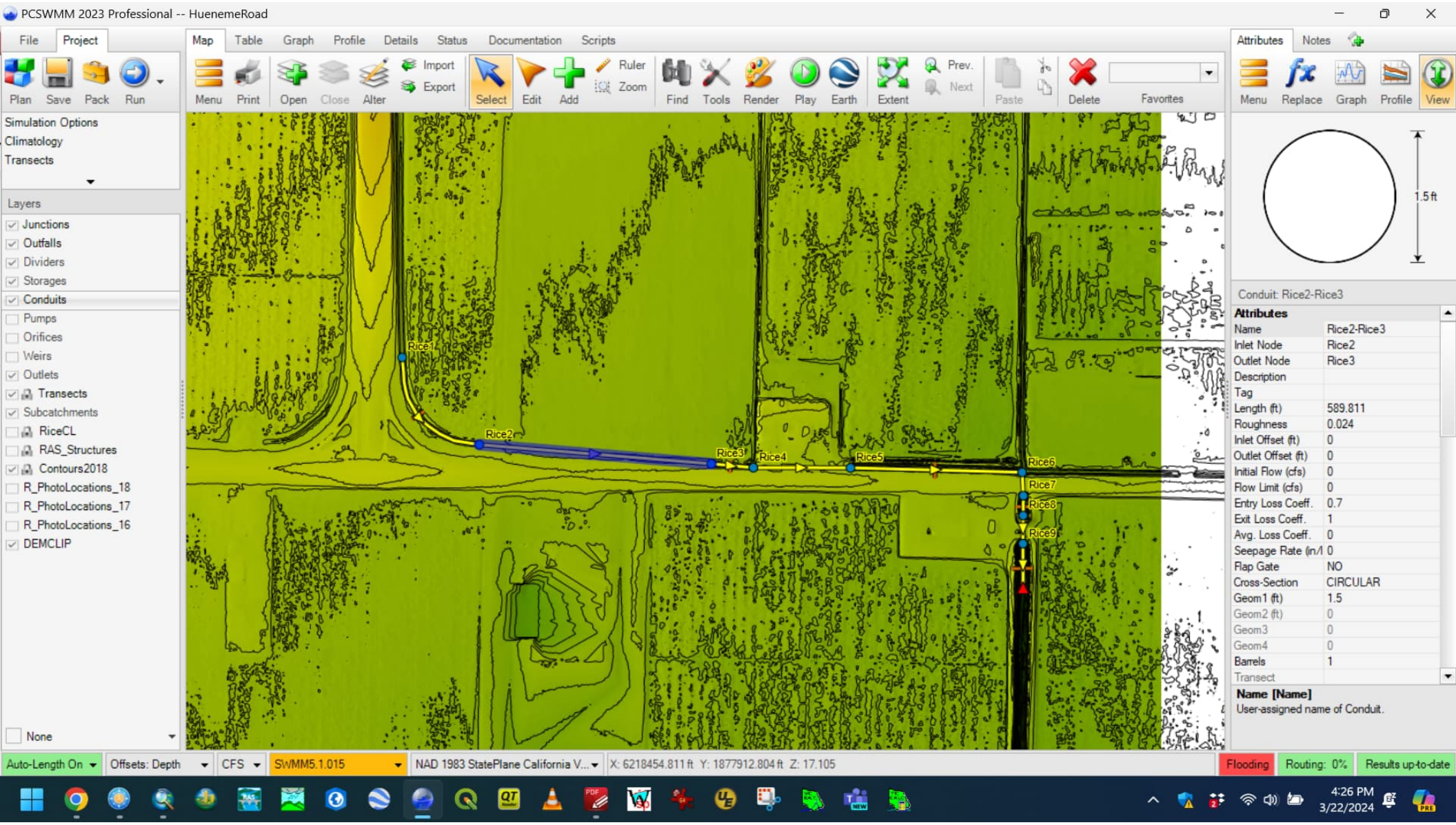
Hueneme Road Widening Project

Arnold Drain Profile-East



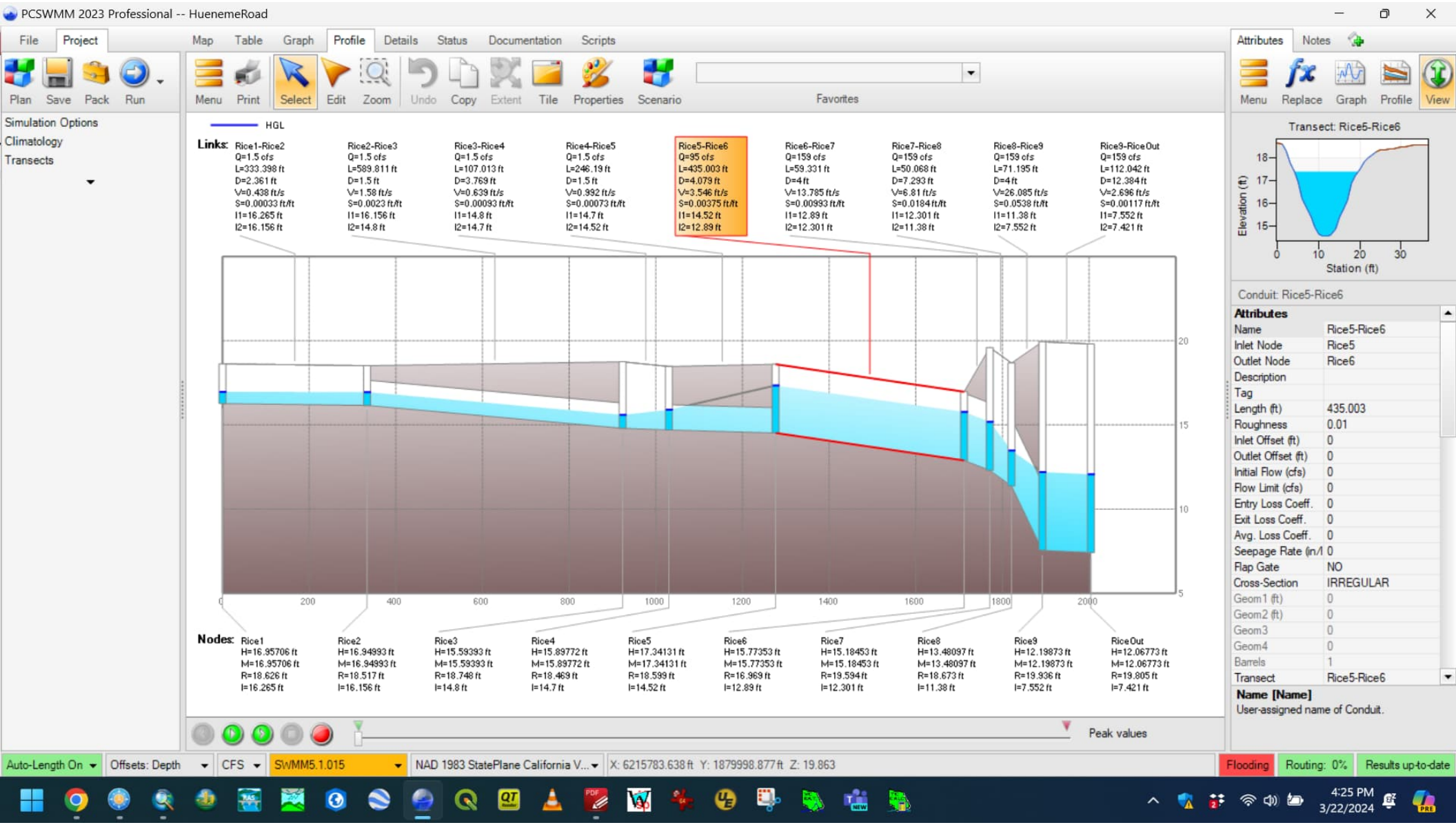
Hueneme Road Widening Project

Arnold Drain Profile-South



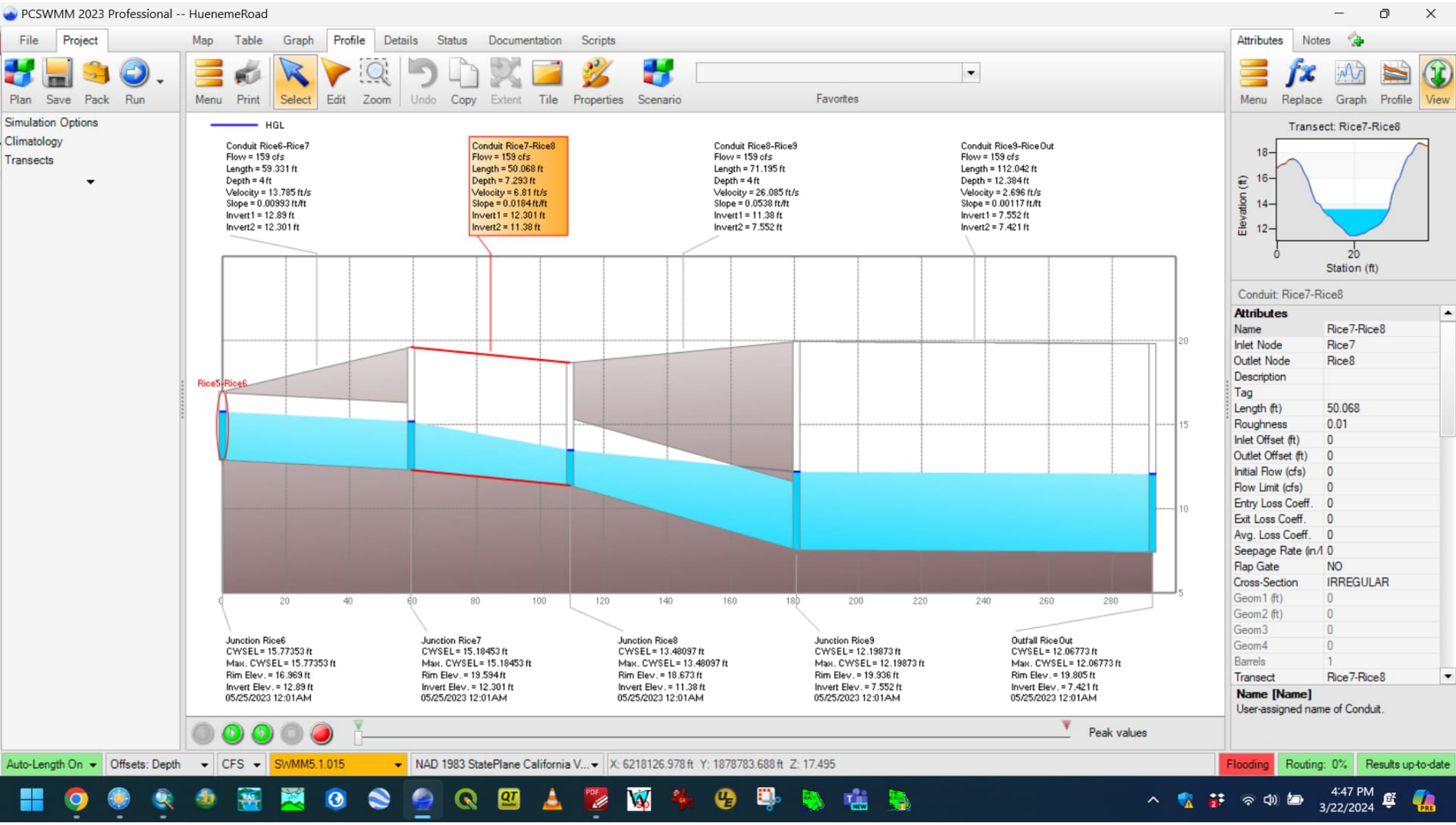
Hueneme Road Widening Project

Rice Drain Plan View



Hueneme Road Widening Project

Rice Drain Profile-West



Hueneme Road Widening Project

Rice Drain Profile-South

Appendix G: Water Quality Assessment Report

Water Quality Assessment Report
Hueneme Road Widening Project

Ventura County
Hueneme Road between Edison Drive and Rice Avenue
District 7-Ventura-Hueneme Road
HIPL—5952(215)

October 2024

For individuals with sensory disabilities, this document can be made available in Braille, in large print, on audiocassette, or on computer disk. To obtain a copy in one of these alternate formats, please call or write to Department of Transportation, Attn: Morris Zarbi, Local Assistance Department, 100 South Main Street, Los Angeles, CA 90012; (213) 266-3620 (Voice) or use the California Relay Service (800) 735-2929 (TTY to Voice), (800) 735-2922 (Voice to TTY) or 711.

Executive Summary

The County of Ventura (County) proposes to widen an approximate 1.93-mile portion of Hueneme Road, between Edison Drive and Rice Avenue, from a 2-lane roadway to a 4-lane roadway with buffered bike lanes, a paved median, and turn lanes (project). The purpose of the Water Quality Assessment Report (WQAR) is to fulfill the requirements of the National Environmental Policy Act (NEPA) and the California Environmental Quality Act (CEQA), and to provide information for National Pollutant Discharge Elimination System (NPDES) permitting.

This WQAR includes a discussion of the project, the physical setting of the project area, and the regulatory framework with respect to water quality. It also provides data on surface water and groundwater resources within the project area and existing water quality, describes water quality impairments and beneficial uses, identifies potential water quality impacts/benefits associated with the project, and recommends avoidance and/or minimization measures.

The hydrologic features within the project area includes a total of 11 drainage features and a small cattail marsh. These water features are within the Magu Lagoon Subwatershed of the Calleguas Creek Watershed.

During project construction, there is a potential for impacts on water quality as a result of pollutant releases (including oil, grease, and other chemicals) from construction equipment and activities, and erosion resulting from ground disturbance. After construction, the project area would be recontoured to pre-construction conditions and impacts from sediments and potential pollutants would be minimized with implementation of Best Management Practices (BMP) outlined in this report.

Relocation of drainages, drainage pipes, drainage inlets, and culvert extensions would result in permanent impacts on approximately 0.01 acre of non-wetland waters potentially under Regional Water Quality Control Board RWQCB jurisdiction and approximately 0.02 acre potentially under California Department of Fish and Wildlife (CDFW) jurisdiction. Project construction and operation would result in an increase of approximately 339,000 square feet of impervious surface within the project area. This could increase water runoff and pollutant levels in the drainages along Hueneme Road. However, with implementation of BMP and avoidance and minimization measures, and compliance with regulatory permits, potential impacts would be substantially minimized, and the project would not result in a violation of water quality standards or water quality objectives, or substantially impact the aquatic environment.

Table of Contents

1.0 INTRODUCTION 1
1.1 Approach to Water Quality Assessment 1
1.2 Project Description 1
2.0 REGULATORY SETTING 6
2.1 Federal Laws and Requirements 6
2.2 State Laws and Requirements 10
2.3 Regional and Local Requirements 11
3.0 AFFECTED ENVIRONMENT 12
3.1 General Environmental Setting 12
3.2 Water Quality Objectives/Standards and Beneficial Uses 24
4.0 ENVIRONMENTAL CONSEQUENCES 25
4.1 Potential Impacts to Water Quality 25
4.2 Impact Assessment Methodology 28
4.3 Cumulative Impacts 28
5.0 AVOIDANCE, MINIMIZATION, AND/OR MITIGATION MEASURES 29
6.0 REFERENCES 30
6.1 Preparer(s) Qualifications 32

ACRONYMS AND ABBREVIATIONS

AGR	Agricultural Supply
Basin Plan	Los Angeles Regional Water Quality Control Board Water Quality Control Plan
BIOL	Preservation of Biological Habitats
BMP	Best Management Practices
BRA	Biological Resource Assessment
Caltrans	California Department of Transportation
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CGP	Construction General Permit
COLD	Cold Freshwater Habitat
COMM	Commercial and Sport Fishing
County	County of Ventura (Lead Agency)
county	Ventura County (county)
CWA	Clean Water Act
EPA	Environmental Protection Agency
EST	Estuarine Habitat
F	Fahrenheit
FEMA	Federal Emergency Management Agency
General Plan	Ventura County 2040 General Plan
GPS	Global Positioning System
IND	Industrial Supply Service
MAR	Marine Habitat
MIGR	Migration of Aquatic Organisms
MS4	Municipal Separate Storm Sewer System
MUN	Municipal and Domestic Supply
NAV	Navigation
NEPA	National Environmental Policy Act
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System

OHWM	Ordinary High Water Mark
PROC	Industrial Process Supply
project	Hueneme Road Widening Project
QPE	Qualifying Precipitation Event
RARE	Rare, Threatened, or Endangered Species
RL	Risk Level
ROW	Right of Way
RWQCB	Regional Water Quality Control Board
SCE	Southern California Edison
SHELL	Shellfish Harvesting
SMARTS	Stormwater Multiple Application and Report Tracking System
SPWN	Spawning, Reproduction, and/or Early Development
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TCE	Temporary Construction Easements
U.S.	United States
U.S. EPA	United States Environmental Protection Agency
USACE	United States Army Corps of Engineers
USFWS	United States Fish and Wildlife Services
VCWPD	Ventura County Watershed Protection District
WARM	Warm Freshwater Habitat
WET	Wetland Habitat
WILD	Wildlife Habitat
WQAR	Water Quality Assessment Report

1.0 INTRODUCTION

1.1 Approach to Water Quality Assessment

This Water Quality Assessment includes a discussion of the proposed project, the general environmental setting of the project area, and the regulatory framework with respect to water quality. It also provides data on surface water and groundwater resources within the project area and the water quality of these waters, describes water quality impairments and beneficial uses, identifies potential water quality impacts/benefits associated with the proposed project, and recommends avoidance and/or minimization measures for potentially adverse impacts.

1.2 Project Description

1.2.1 Introduction

The County proposes to widen an approximate 1.93-mile portion of Hueneme Road, between Edison Drive Rice Avenue, from a 2-lane roadway to a 4-lane roadway with buffered bike lanes, a paved median, and turn lanes (see **Figure 1**, Regional Location Map and **Figure 2**, Project Location Map). The project is listed in the Southern California Association of Governments 2023 Federal Transportation Improvement Program for the fiscal years 2022/2023-2025/2026.

1.2.2 Project Purpose

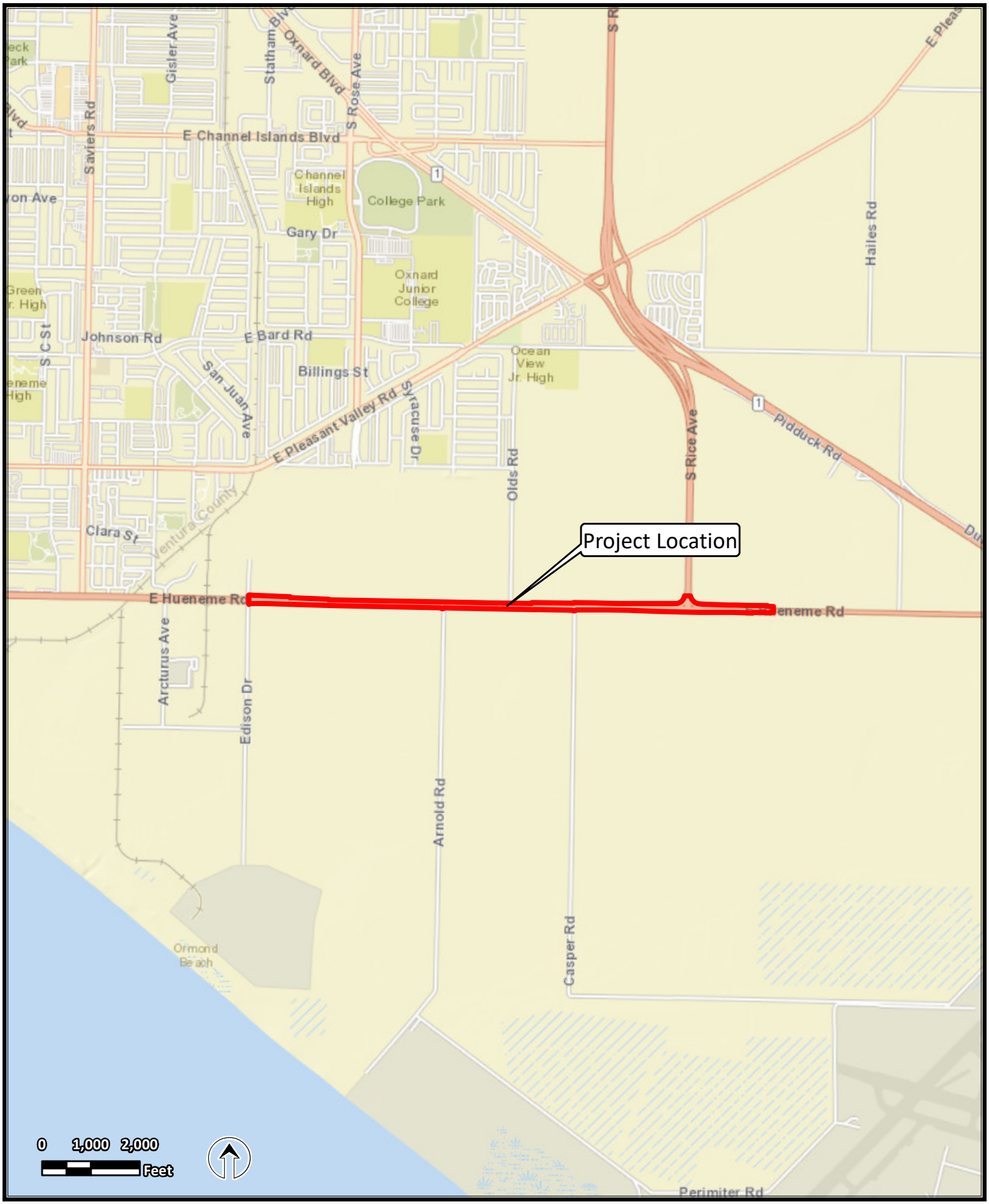
The purpose of this project is to improve vehicle and bicycle travel and safety, improve the freight movement corridor, increase connectivity for bicycle riders, and complete vehicle and bicycle improvements consistent with the Ventura County 2040 General Plan (General Plan) on Hueneme Road from Edison Drive to Rice Avenue.

1.2.3 Existing Conditions

According to the County of Ventura General Plan (General Plan), Hueneme Road is identified as an Other Principal Arterial and Major Collector and a City of Port Hueneme and City of Oxnard Commercial Vehicle Route within the project area (County of Ventura, 2020b). Between Edison Drive and Rice Avenue, Hueneme Road includes two vehicle travel lanes, one in the eastbound direction and one in the westbound direction. At the western terminus of the project, Hueneme Road intersects with Edison Drive; the current configuration includes four vehicle travel lanes on Hueneme Road west of Edison Drive, two vehicle travel lanes on Hueneme Road east of Edison Drive, and two vehicle travel lanes on Edison Drive to the north and south of Hueneme Road. There are dedicated left-turn lanes in each direction at the intersection of Hueneme Road and Edison Drive. At the eastern terminus of the project, Hueneme Road intersects with Rice Avenue, creating a “T” intersection, where Rice Avenue dead-ends at Hueneme Road and the existing through lanes turn into left- and right-turn lanes. The current configuration includes four vehicle travel lanes on Rice Avenue, north of the “T” intersection, two vehicle travel lanes on Hueneme Road west of Rice Avenue, and two vehicle travel lanes of Hueneme Road east of Rice Avenue.

Source: ESRI 2023

FIGURE 1. REGIONAL LOCATION
Hueneme Road Widening Project



Source: ESRI 2023

FIGURE 2. PROJECT LOCATION
Hueneme Road Widening Project

There is an existing drainage ditch on the north side of Hueneme Road, as well as several utility poles on the north and south sides of the roadway. There are several rows of trees tightly packed together adjacent to the roadway that are used as a wind break for crops and row crops/buildings located on parcels adjacent to the project area. According to the General Plan, adjacent land uses consist of Agriculture, Industrial, Commercial and Services, Transportation, Communications and Utilities, and Single-Family Residential. According to the California Department of Conservation Important Farmland Finder Map, land within the project area is designated as Prime Farmland, Farmland of Statewide Importance, and Urban & Built-Up Land (**see Figure 3**, Land Use Map).

1.2.4 No Build Alternative

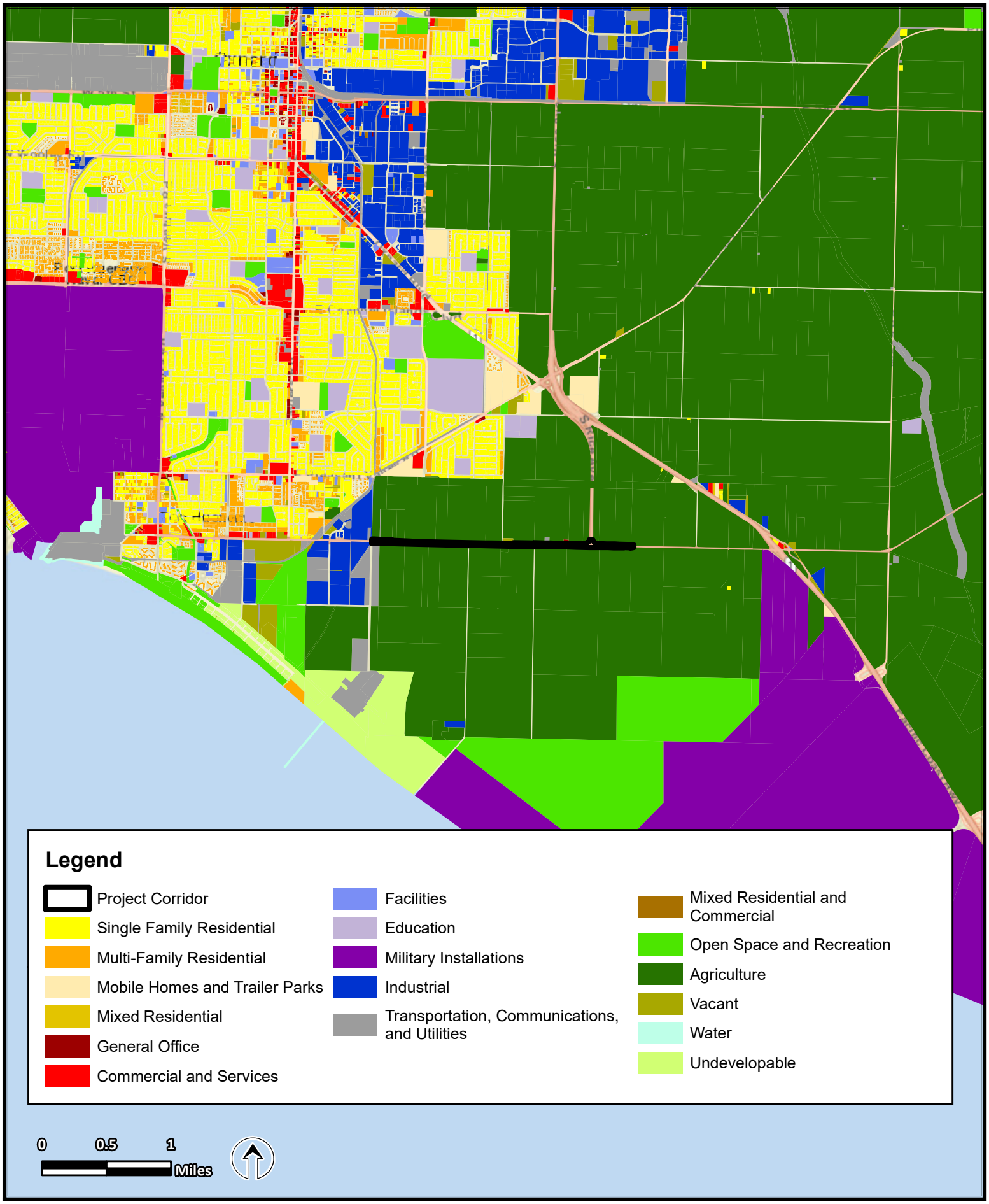
Under the No Build Alternative, the County would not conduct the roadway widening and additional improvements along Hueneme Road between Edison Drive and Rice Avenue. Therefore, existing conditions would remain unchanged.

1.2.5 Build Alternative

The project would include four 12-foot through lanes (two in the eastbound direction and two westbound direction), a 14-foot paved median, two 6-foot bicycle lanes on either side of the roadway with a 2-foot buffer between the bicycle lanes and the traffic lanes, and two 4-foot shoulders on either side of Hueneme Road between Edison Drive and Rice Avenue. All existing left-turn lanes would be retained as part of the project. The total width of the new roadway would vary between 63 to 72 feet. The widened roadway would taper to the existing configuration of one travel lane in each direction approximately 1,200 feet east of Rice Avenue.

The existing centerline of the road would be shifted as part of the roadway widening. Construction of the widened roadway would require a maximum ground disturbance of approximately 12-14 inches in depth to install the new roadbed. Widening of the roadway would result in approximately 339,000 square feet of increased impervious surface area. Surface runoff resulting from increased impervious surface area would sheet flow across the roadway, similar to existing conditions. It is anticipated that the conditions of the existing drainage ditch on the north side of the roadway would remain unchanged.

The project would require three traffic signal modifications, three drainage pipe and drainage inlet relocations, seven culvert extensions and relocations, 41 power pole relocations, and 10 irrigation and water facility relocations. The power poles along Hueneme Road are located within County ROW; however, coordination and preplanning would be needed with Southern California Edison (SCE) to relocate the poles prior to widening the roadway. The poles are approximately 55 feet in height. Additionally, Frontier Communications (Telecommunications) have facilities on the SCE overhead poles and underground lines along Hueneme Road. Sempra Utilities (Gas Company) has gas transmission mains along Hueneme Road near Edison Drive; the existing gas mains are not expected to be impacted. Signal pole relocations would require ground disturbance at a maximum depth of 16 feet. The project would not include the relocation of any water lines, recycled water lines, or sewer mains.



Sources: SCAG 2019; ESRI 2022.

FIGURE 3. LAND USE
Hueneme Road Widening Project

The project may include conforming 23 driveways located within the project area to the new roadway configuration. Construction would be staged to provide continuous access to each private parcel at all times. In addition, at least one lane would be open to provide continuous access for vehicles through the project area and no detours to adjacent roadways would be required. Due to traffic volumes in the area, night work is anticipated to avoid traffic impacts during construction.

The proposed improvements would require ROW and temporary construction easements (TCE). The project would require approximately 9.3 acres of permanent ROW from 30 properties. This would include 4.7 acres of Farmland of Statewide Importance, 4.5 acres of Prime Farmland, and 0.13 acres of Urban and Built-Up Land and Other Land. Additionally, the project would require TCEs from 3.53 acres of Prime Farmland, 3.73 Acres of Farmland of Statewide Importance, and 0.14 acres of Urban and Built-Up Land and Other Land.

Permanent ROW acquisition required to complete the project would include sliver takes from parcels adjacent to the project area; no full acquisitions are anticipated. The roadway widening may require removal of four buildings, including two fruit stands, one residence, and one garage. Vegetation removal would be required to accommodate the widening, and approximately 329 trees would also need to be removed. Tree removal would result in a vertical ground disturbance of approximately two feet below existing grade; a stump grinder would be used to remove the trunk and roots.

2.0 REGULATORY SETTING

2.1 Federal Laws and Requirements

2.1.1 Clean Water Act

The United States Army Corps of Engineers (USACE) Regulatory Program regulates activities within federal wetlands and waters of the United States (U.S.) pursuant to Section 404 of the Clean Water Act CWA. In recent years, the definition of waters of the U.S. has been in flux. The Environmental Protection Agency (EPA) and the Department of the Army issued a revised definition of waters of the U.S. in January 2023. However, the U.S. Supreme Court ruled in Sackett v. Environmental Protection Agency on May 25, 2023 that only wetlands and permanent bodies of water with a “continuous surface connection” to “traditional interstate navigable waters” are covered by the CWA, thus revoking the “significant nexus” standard and invalidating portions of the January 2023 rule. To conform with the Sackett decision, the EPA and Department of the Army issued a final revised rule on August 29, 2023 amending the January 2023 definition of waters of the U.S.

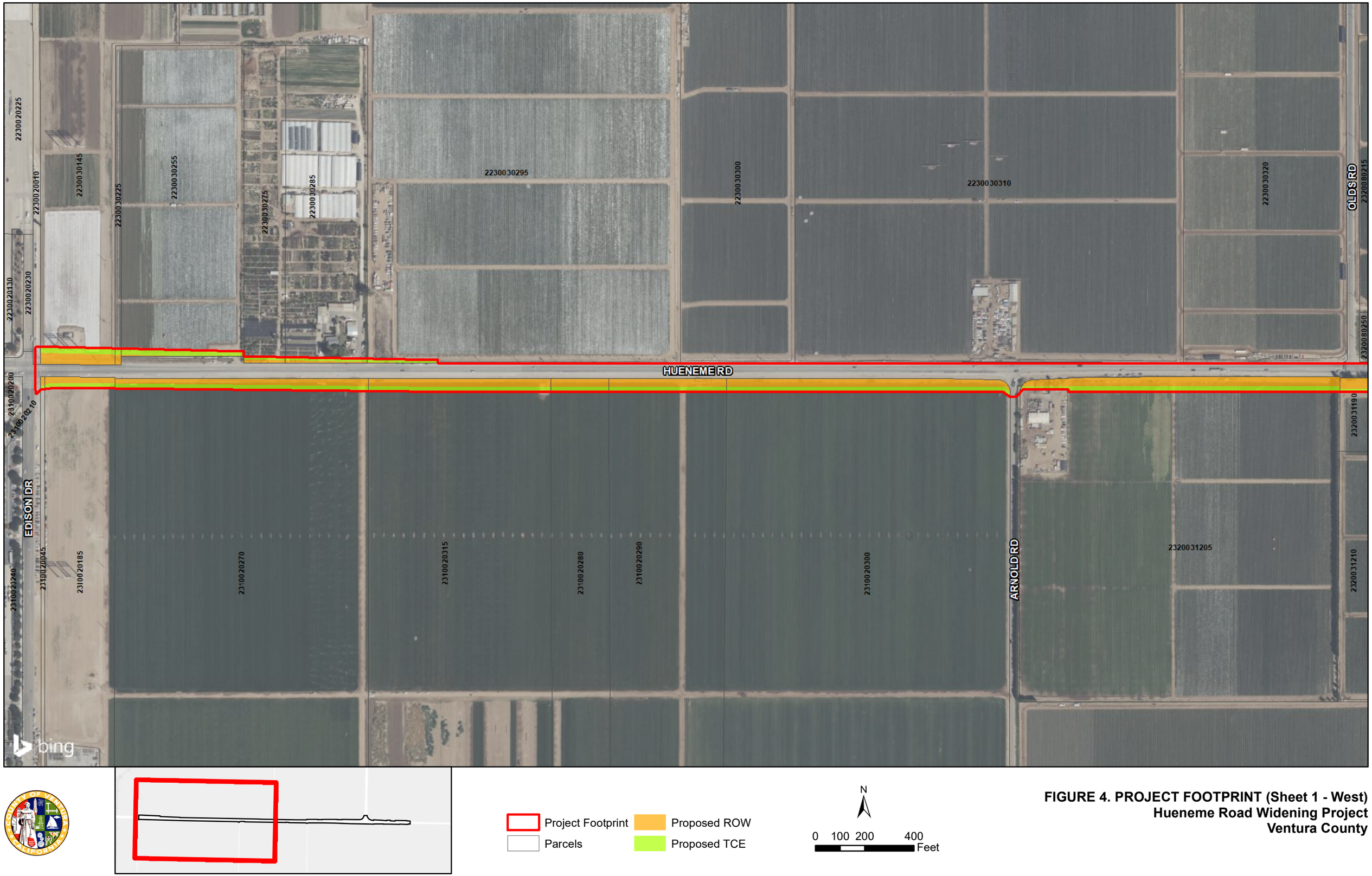
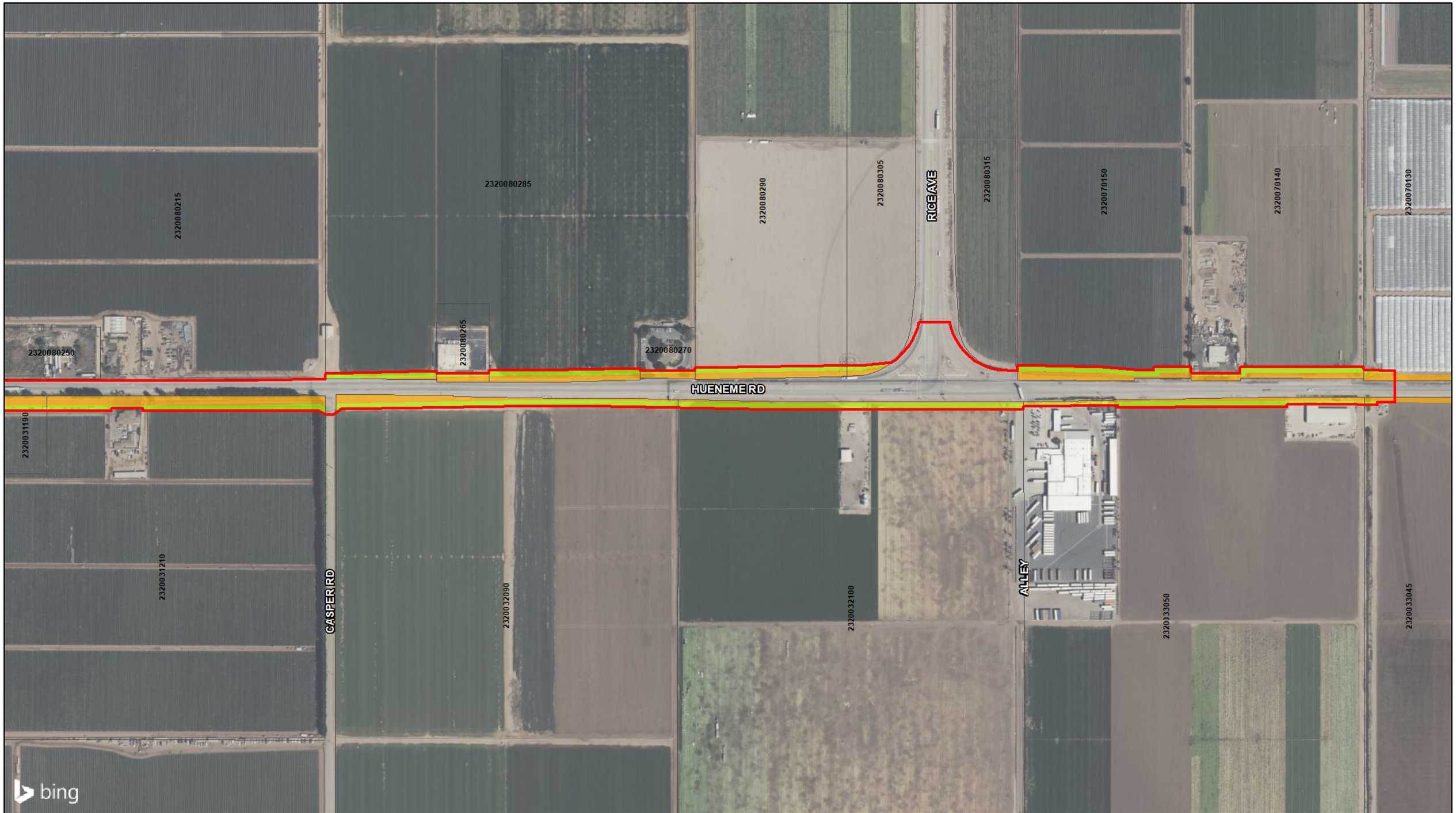
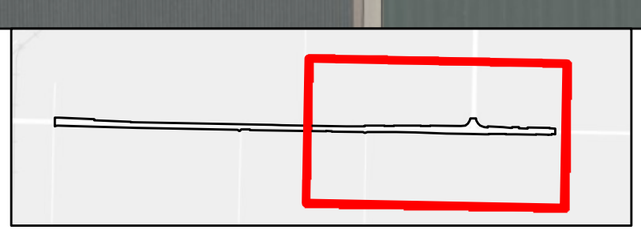


FIGURE 4. PROJECT FOOTPRINT (Sheet 1 - West)
Hueneme Road Widening Project
Ventura County





Project Footprint
Parcels
Proposed ROW
Proposed TCE

N

0 100 200 400 Feet

FIGURE 4. PROJECT FOOTPRINT (Sheet 2 - East)
Hueneme Road Widening Project
Ventura County

Under the August 2023 rule, waters of the U.S. include: 1) traditional navigable waters (i.e. waters that are subject to the ebb and flow of the tide and/or are presently used, have been used in the past, or may be susceptible for use for interstate or foreign commerce), the territorial seas, and interstate waters (collectively "qualifying waters"); 2) impoundments (e.g. reservoirs, retention ponds) of qualifying waters 3) tributaries to qualifying waters that are relatively permanent, standing, or continuously flowing bodies of water; 4) wetlands with a continuous surface connection to qualifying waters; and 5) intrastate lakes and ponds that are relatively permanent, standing or continuously flowing bodies of water with a continuous surface connection to qualifying waters (Code of Federal Regulations [CFR] 33 Section 328.3 and 40 CFR 120.2).

In streams and rivers where adjacent wetlands are absent, the USACE jurisdiction extends to the ordinary high-water mark (OHWM). The OHWM is defined as "the line on the shore established by the fluctuations of water and indicated by physical characteristics such as clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas." {33 CFR Section 328.3[c(3)]}. If the OHWM is not readily distinguishable, the USACE jurisdiction within streams extends to the "bankfull discharge" elevation, which is the level at which water begins to leave the channel and move into the floodplain (Rosgen, 1996). This level is reached at a discharge which generally has a recurrence interval of approximately 1.5 to two years on the annual flood series (Leopold, 1994).

Federal wetlands are transitional areas between well-drained upland habitats and permanently flooded (deepwater) aquatic habitats and are defined differently by different resource agencies. The USACE and the United States Environmental Protection Agency (U.S. EPA) define wetlands as "those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions" {33 CFR Section 328.3[c(1)]}.

Clean Water Act Section 404

The USACE Regulatory Program regulates activities within federal wetlands and waters of the U.S. pursuant to Section 404 of the CWA. No discharge of dredged or fill material into jurisdictional features is permitted unless authorized under an USACE Nationwide Permit or Individual Permit.

Clean Water Act Section 402

Activities within inland streams, wetlands, and riparian areas in California are regulated by agencies at the federal, state, and regional levels. The CWA establishes the basic structure for regulating discharges of pollutants into waters of the U.S. At the federal level, the U.S. EPA regulates construction-related stormwater discharges to surface waters through the NPDES program, pursuant to Section 402 of the federal CWA. Section 402 of the CWA requires that all construction sites disturbing one acre or greater of land, as well as municipal, industrial and commercial facilities discharging wastewater or stormwater directly from a point source (a pipe, ditch or channel) into a surface water of the U.S. (a lake, river, and/or ocean) must obtain permission under the NPDES permit. All NPDES permits are written to ensure the Nation's receiving waters will achieve specified Water Quality Standards.

Clean Water Action Section 401

The State Water Resources Control Board (SWRCB) and RWQCB are responsible for the administration of Section 401 of the CWA in the state of California. Under Section 401 of the CWA, applicants for federal licenses or permits must provide a Water Quality Certification that any discharges from a project will comply with the CWA, including state-established water quality standard requirements. For all work subject to an USACE Section 404 permit, project proponents must obtain a Water Quality Certification from the applicable RWQCB under CWA Section 401 stating that the project would comply with applicable water quality regulations.

2.2 State Laws and Requirements

2.2.1 Porter-Cologne Water Quality Control Act

The RWQCB asserts authority over waters of the state under the Porter-Cologne Act, which establishes a regulatory program to protect water quality and to protect beneficial uses of state waters. The Porter-Cologne Act empowers the RWQCB to formulate and adopt a Water Quality Control Plan that designates beneficial uses and establishes such water quality objectives that in its judgment will ensure reasonable protection of beneficial uses. Each RWQCB establishes water quality objectives that will ensure the reasonable protection of beneficial uses and the prevention of water quality degradation. Dredge or fill activities with the potential to affect water quality in these waters must comply with Waste Discharge Requirements issued by the RWQCB. The term “waters of the state,” under jurisdiction of the RWQCB, is defined by California Water Code as “any surface water or groundwater, including saline waters, within the boundaries of the state” (California Water Code Section 13050(e)).

2.2.2 National Pollutant Discharge Elimination System (NPDES) Permit

Section 402(p) of the CWA requires the issuance of NPDES permits for five categories of stormwater dischargers, including the Municipal Separate Storm Sewer System (MS4). The U.S. EPA defines an MS4 as “any conveyance or system of conveyances (roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, human-made channels, and storm drains) owned or operated by a state, city, town, county, or other public body having jurisdiction over stormwater, that are designed or used for collecting or conveying stormwater.” The SWRCB has identified the California Department of Transportation (Caltrans) as an owner/operator of an MS4 pursuant to federal regulations. Caltrans’ MS4 permit covers all Caltrans rights-of-way, properties, facilities, and activities in the state. The SWRCB or the RWQCB issues NPDES permits for five years, and permit requirements remain active until a new permit has been adopted.

Construction General Permit

The Construction General Permit (NPDES No. CAS000002, SWRCB Order No. 2022-0057-DWQ, was adopted on September 8, 2022) and effective on September 1, 2023. The permit regulates stormwater discharges from construction sites which result in a Disturbed Soil Area of one acre or greater, and/or are smaller sites that are part of a larger common plan of development.

- For all projects subject to the Construction General Permit (CGP), the applicant is required to hire a

Stormwater Pollution Prevention Plan (SWPPP) Qualified Stormwater Developer to develop and implement an effective SWPPP. A Qualified Stormwater Practitioner may be hired as well to assist in field work. All Project Registration Documents, including the SWPPP, Risk Level (RL) Determinations, site map and post-construction treatment documents are required to be uploaded into the SWRCB's on-line Stormwater Multiple Application and Report Tracking System (SMARTS). A Waste Discharge Identification Number is issued within 10 business days after the State Waterboard receives a complete Notice of Intent (NOI) package.

- The 2022 CGP requires post-construction treatment permit registration documents to be submitted in SMARTS with the NOI to include: (1) An attachment or web-source containing the NPDES MS4 post-construction requirements and (2) the post-construction plans and calculations (Preliminary post-construction plans and calculations may be submitted as a Permit Registration Document, as long as the approved plans and calculations are submitted within 14 days of approval by the municipal stormwater permittee, through a Change of Information in SMARTS). Additionally, a COI in SMARTS must be submitted for any revisions to post-construction plans and calculations prior to submitting the Notice of Termination (NOT).

Risk Level Inspection and Sampling Requirements

The CGP contains a risk-based permitting approach by establishing three levels of risk possible for a construction site. Risk levels are determined during the planning, design, and construction phases, and are based on project risk of generating sediments and receiving water risk of becoming impaired. Requirements apply according to the RL determined, with additional monitoring and reporting requirements for higher risk projects with detailed requirements listed in Attachment D of the CGP. Requirements include:

- Visual inspections weekly, prior to Qualifying Precipitation Events (QPE), during QPEs (every 24 hours) and post QPEs. A QPE is defined as a forecasted 50 percent probability of precipitation of 0.5 inch or more within a 24-hour period and continues on subsequent 24-hour periods when 0.25 inch or more is forecast.
- RL 2 and 3 projects have sampling requirement for pH and Turbidity.
- Additionally, sampling for Numeric Action Levels and Numeric Effluent Limits is required for all risk level projects for Total Maximum Daily Load-related non-visible pollutants listed in Attachment H of the CGP, if there is a discharge due to failure to implement a BMP, a container spill or leak, or a BMP breach or malfunction.

2.3 Regional and Local Requirements

2.3.1 Los Angeles Regional Water Quality Control Board Basin Plan

Section 13240 of the Porter-Cologne Water Quality Control Act requires each RWQCB to formulate and adopt water quality control plans, or basin plans, for all areas within the region. Water quality in the project area is regulated by the Los Angeles RWQCB through the *Water Quality Control Plan* (Basin Plan) (California Regional Water Quality Control Board, Los Angeles Region, 1994).

The Basin Plan lists the beneficial uses of surface waters and groundwaters in the region. Beneficial uses are uses that may be protected against quality degradation. These uses include and are not limited to domestic, municipal, agricultural, and industrial supply; power generation; recreation; aesthetic enjoyment; navigation; and preservation and enhancement of fish, wildlife, and other aquatic resources or preserves. The beneficial uses of surface waters and groundwaters in the basin are designated in the water quality control plans.

The Basin Plan also includes water quality objectives, which are the limits or levels of water quality constituents or characteristics. These objectives are for the reasonable protection of beneficial uses of water or the prevention of nuisance, such as injurious to health, offensive to the senses, or interfere with the enjoyment of life or property, within a specific area.

Ventura County Watershed Protection District Encroachment Permit

The Ventura County Watershed Protection District (VCWPD) provides for the control and conservation of flood and stormwaters, and for the protection and maintenance of watercourses, watersheds, and life and property within VCWPD jurisdiction from damage or destruction from storm flows or flooding (Ventura County Public Works, 2019). An encroachment permit is required from the VCWPD for any grading work that would be conducted within a channel under VCWPD jurisdiction.

Ventura County 2040 General Plan

The General Plan sets forth goals, policies, and programs that the County will implement to manage future growth and land uses within Ventura County (county). The following Water Resources goals and policies would apply to the project (County of Ventura Resource Management Agency Planning Division, 2020):

Goals:

- Inventory and monitor the quantity and quality of the County's water resources.
- Effectively manage the water resources of the County by adequately planning for the development, conservation, and protection of water resources for present and future generations.
- Maintain and where feasible, restore the chemical, physical, and biological integrity of surface and groundwater resources.
- Protect and, where feasible, enhance watersheds and aquifer recharge areas.

Policies:

- Discretionary development shall comply with all applicable County and State water regulations.
- Discretionary development shall not significantly impact the quantity or quality of water resources within watersheds, groundwater recharge areas or groundwater basins.

3.0 AFFECTED ENVIRONMENT

3.1 General Environmental Setting

3.1.1 Population and Land Use

The project is located on Hueneme Road within unincorporated Ventura County. The project is adjacent

to the limits of the City of Oxnard and the City of Port Hueneme from Edison Drive to Rice Avenue. According to the U.S. Census, the 2022 population estimate within the county was approximately 832,605 people and has slightly decreased since 2020 (United States Census Bureau, 2022). There are existing single-family dwellings along Hueneme Road. However, the majority of the land use surrounding the project area consists of agricultural land.

3.1.2 Topography

The elevation in the project area is approximately 19 feet above mean sea level and is located in a generally flat area with minimal sloping due to irrigation.

3.1.3 Precipitation and Climate

The project area experiences a mild climate with temperatures averaging in the 70s during the summer and 50s during the winter. August is the warmest month of the year with an average maximum temperature of approximately 71 degrees Fahrenheit (F) and December is the coldest month with an average minimum temperature of 53 degrees F. The average annual rainfall in the project area is approximately 10 inches with February being the wettest month of the year with an average rainfall of approximately three inches (Climate Data, 2019).

3.1.4 Hydrology

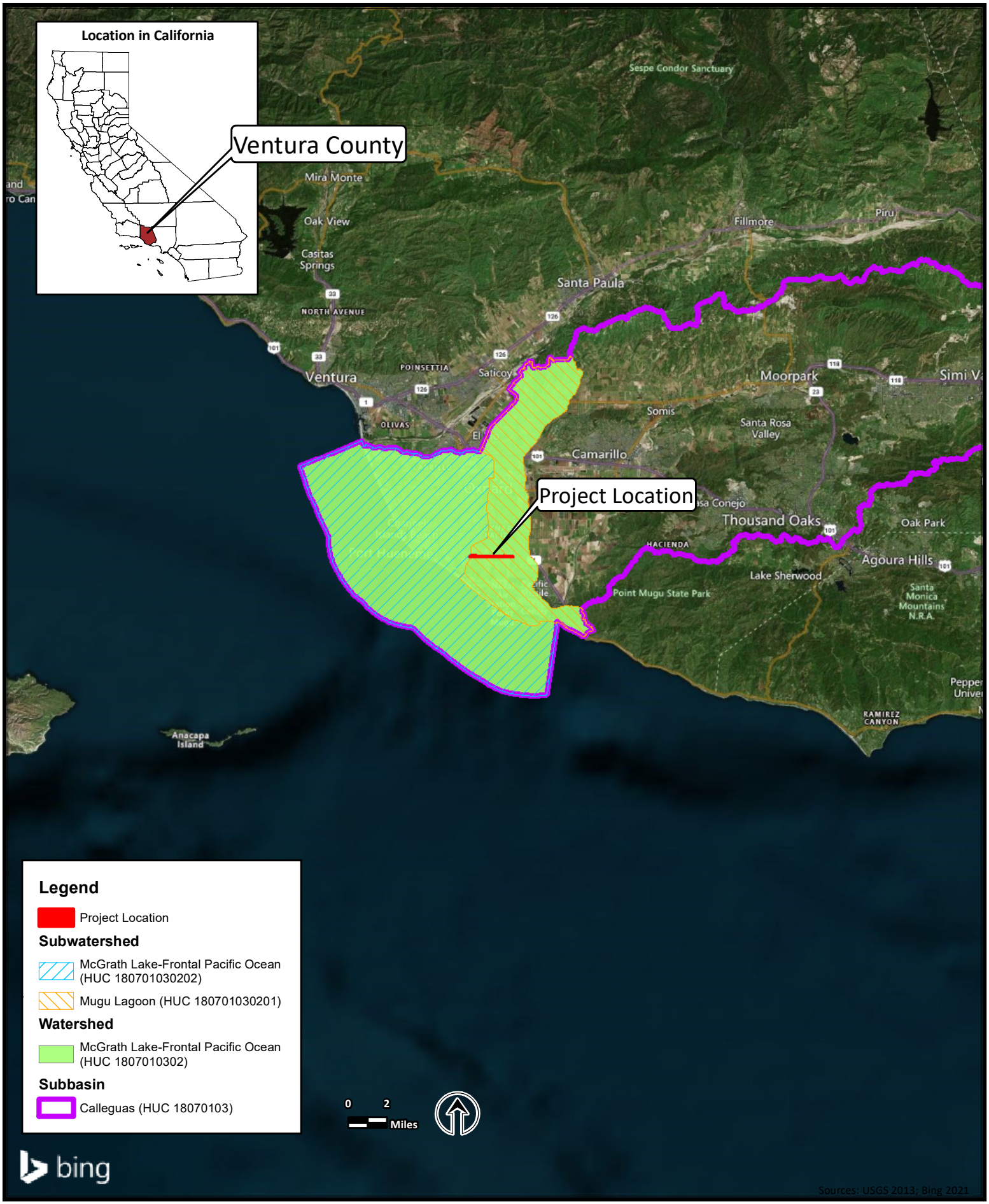
Regional Hydrology

The project area is within the Mugu Lagoon subwatershed (HUC 180701030201), itself part of the greater Calleguas Creek watershed (HUC 18070103). Major tributaries to Calleguas Creek include Revolon Slough, Arroyo Las Posas, Arroyo Conejo, Conejo Creek, Arroyo Santa Rosa, and Arroyo Simi (see **Figure 5**, Watershed Map) (Ventura County Public Works Agency Watershed Protection District, 2003). The Santa Susana Mountains, South Mountain, and Oak Ridge Mountains form the northern boundary of the watershed, and the Simi Hills and Santa Monica Mountains mark the southern boundary. The watershed, which drains 343 square miles in the southern county and a small portion of western Los Angeles County, outlets into the Pacific Ocean through Mugu Lagoon, one of the few remaining significant saltwater wetland habitats in southern California (California Regional Water Quality Control Board, Los Angeles Region, 2002).

Local Hydrology

Surface Waters

The Oxnard Plain, in which the project area is situated, supports a large variety of agricultural fields that drain into ditches. These agricultural ditches either enter the Mugu Lagoon directly, through Calleguas Creek and its tributaries, or drain into tile drain systems which then discharge to drains or creeks. A general assessment of the agricultural drainages adjacent to Hueneme Road included visual surveys and documentation of drainage features. Physical characteristics of drainage features such as width, flow conditions, and vegetation within the features were noted. Locations of structures associated with drainages, such as culverts, were noted, photographed, and recorded using sub-meter Global Positioning System (GPS).



Sources: USGS 2012; Bing 2023

FIGURE 5. WATERSHED MAP
Hueneme Road Widening Project

Bed and bank measurements of the observed drainage features were estimated, and GPS coordinates of culverts were recorded. Eleven drainage features and one freshwater marsh (Cattail Marsh) were observed within the project area (GPA Consulting, 2023) (see **Figure 6**, Drainage Features Map).

Connectivity of the 11 drainage features in the project area to a traditional navigable waterway was inferred using data from the literature review and field surveys as well as consultation with a hydrology engineer. The roadside drainages/ditches within the project area convey flows to one of four culverts, which discharge into the stormwater conveyance system (Kasraie Consulting, 2023).

The four culverts within the project area include one at Edison Drive which directs flow west towards Hueneme Road, one at Arnold Road which directs flow south towards Arnold Road, one at Olds Road which directs flow south, then west towards Arnold Road, and one east of Rice Road which directs flow to Mugu Drain.

The culvert at Edison Drive undergrounds beneath Edison Drive and appears to continue west, eventually connecting to the Oxnard Industrial Drain, which terminates in the Ormond Beach wetlands. The culverts at Arnold Road and Olds Road underground beneath Hueneme Road, daylighting south of Hueneme Road. From there, the drainage appears to connect to a mapped intermittent riverine system terminating at the Pacific Ocean. The culvert east of Rice Road, which connects to the Mugu Drain, eventually discharges into the western arm of Mugu Lagoon.

The Cattail Marsh observed north of Hueneme Road appeared to receive runoff from nearby agricultural fields and did not appear to convey flows.

Drainage Feature 1

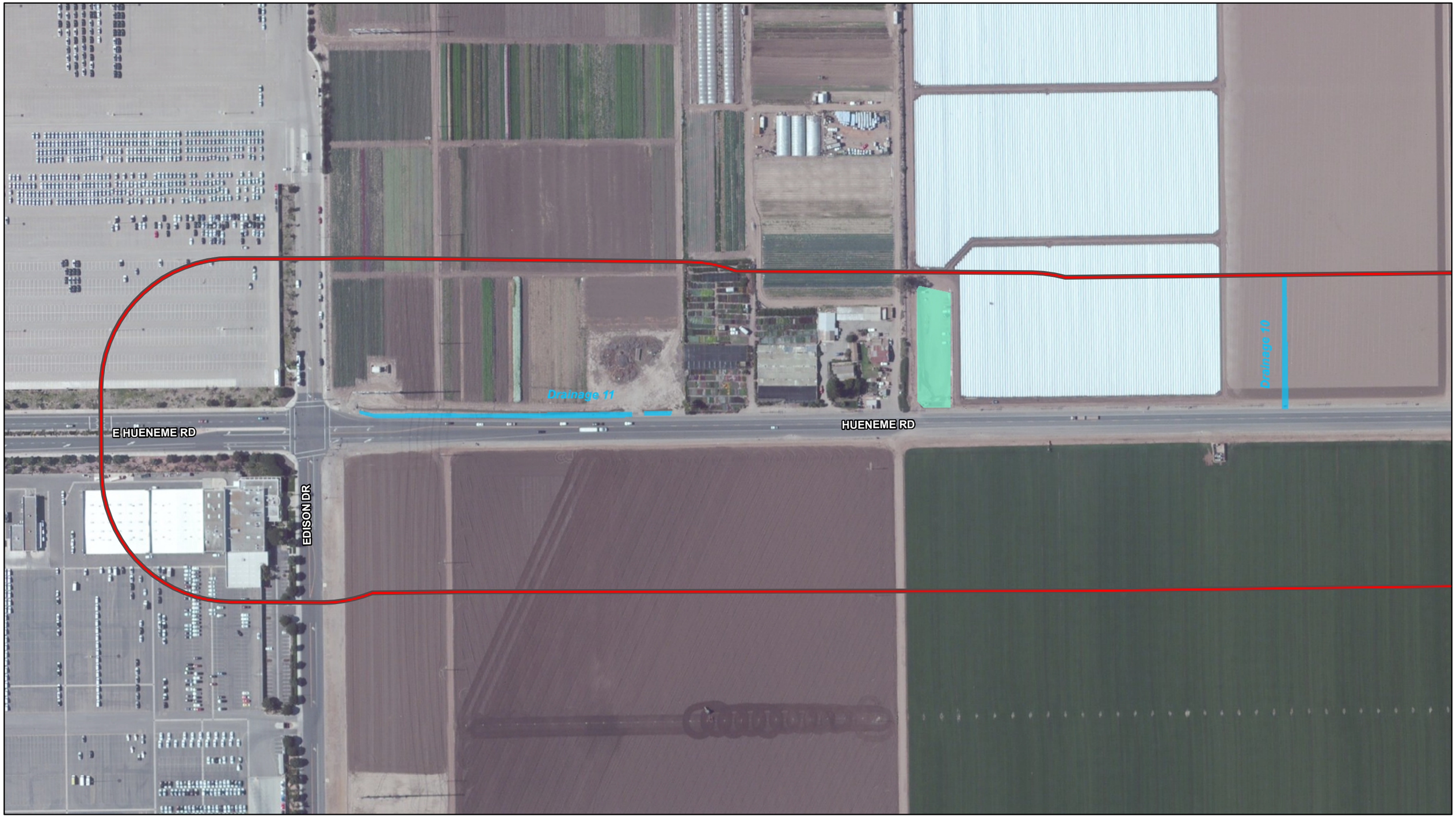
Drainage Feature 1 is a box culvert west of East Farms, a private business at 1850 Hueneme Road, and south of Hueneme Road. The drainage flows north to south on Arnold Road. A pump was observed on Hueneme Road which pumps water south to a pipe and into Drainage Feature 1. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 1 likely does not convey relatively permanent flows.

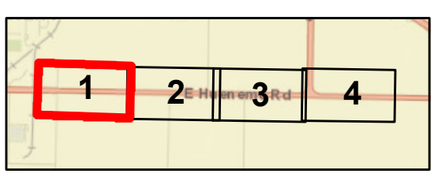
Drainage Feature 2

Drainage Feature 2 is a concrete pipe culvert at the intersection south of Olds Road and Hueneme Road. This drainage feature flows east to west for approximately 80 feet, before turning south into an agricultural field along a row of Lombardy poplars. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 2 likely does not convey relatively permanent flows.

Drainage Feature 3

Drainage Feature 3 (Mugu Drain) is an unlined agricultural drainage near mile marker 266 adjacent to 3250 Hueneme Road and east of Rice Avenue. This drainage feature originates north of the project area, traverses under Hueneme Road and daylights south of Hueneme Road, flows underground again within private property for approximately 30 feet south, then daylights again. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 3 likely does not convey relatively permanent flows.



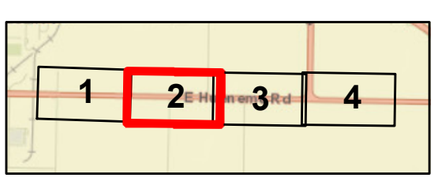


Biological Study Area
Drainages
Ponded Wetland

N

0 50 100 200
Feet

FIGURE 6. DRAINAGE FEATURES WITHIN THE BSA
Hueneme Road Widening Project
Ventura County
Sheet 1 of 4

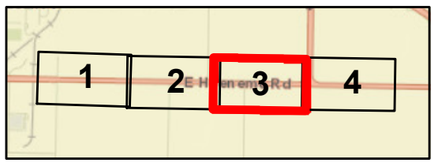


Biological Study Area
Drainages
Ponded Wetland

N

0 50 100 200
Feet

FIGURE 6. DRAINAGE FEATURES WITHIN THE BSA
Hueneme Road Widening Project
Ventura County
Sheet 2 of 4



Biological Study Area
Drainages
Ponded Wetland

N

0 50 100 200
Feet

FIGURE 6. DRAINAGE FEATURES WITHIN THE BSA
Hueneme Road Widening Project
Ventura County
Sheet 3 of 4

RICE AV

Drainage 5

Drainage 5

Drainage 6

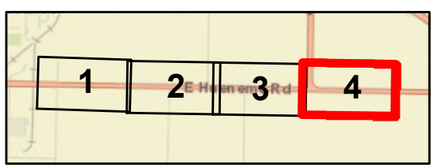
Drainage 5

Drainage 4

HUENEME RD

Drainage 3

ALLEY



Biological Study Area

Drainages

Ponded Wetland

N

0 50 100 200 Feet

FIGURE 6. DRAINAGE FEATURES WITHIN THE BSA
Hueneme Road Widening Project
Ventura County
Sheet 4 of 4

Drainage Feature 4

Drainage Feature 4 is an unlined roadside drainage at the eastern end of the project area, north of Hueneme Road, and flows east to west, parallel to Hueneme Road. This drainage feature connects to Drainage Feature 3. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 4 likely does not convey relatively permanent flows.

Drainage Feature 5

Drainage Feature 5 is an unlined roadside drainage that begins west of Rice Avenue, undergrounds below Rice Avenue, and continues to flow west to east parallel to Hueneme Road. Drainage 5 terminates where it joins Drainage Feature 3. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 5 likely does not convey relatively permanent flows.

Drainage Feature 6

Drainage Feature 6, in an unlined agricultural drainage located east of Rice Avenue and north of Hueneme Road. This drainage feature flows north to south and drains into Drainage Feature 5. Drainage Feature 6 is located west of 3121 Hueneme Road. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 6 likely does not convey relatively permanent flows.

Drainage Feature 7

Drainage Feature 7 is an unlined agricultural drainage northeast of Casper Road and Hueneme Road. Drainage Feature 7 appears to flow east to west and terminates near Laubacher Berry Farms. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 7 likely does not convey relatively permanent flows.

Drainage Feature 8

Drainage Feature 8 is an unlined roadside drainage on the northeast corner of the Olds Road and Hueneme Road intersection. This drainage feature flows roughly north to south and passes beneath Hueneme Road to connect with Drainage Feature 2 on the south side of Hueneme Road. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 8 likely does not convey relatively permanent flows.

Drainage Feature 9

Drainage Feature 9 is an unlined roadside drainage on the northwest corner of the Olds Road and Hueneme Road intersection. Drainage Feature 9 flows east to west and connects to Drainage Feature 1 north of Arnold Road. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 9 likely does not convey relatively permanent flows.

Drainage Feature 10

Drainage Feature 10 is an unlined agricultural drainage approximately 0.25 mile west of Drainage Feature 1. This drainage feature flows north to south. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 10 likely does not convey relatively permanent flows.

Drainage Feature 11

Drainage Feature 11 is an unlined roadside drainage located northeast of the Edison Drive and Hueneme Road intersection, with flows running east to west. As its purpose is to convey runoff from agricultural irrigation, Drainage Feature 11 likely does not convey relatively permanent flows.

Cattail Marsh

A small Cattail Marsh was observed just east of Teto's Produce stand at 1531 East Hueneme Road, Oxnard, CA 93033. Obligate and facultative wetland plants including bulrushes (*Schoenoplectus* spp.) and nutsedges (*Cyperus* spp.) were observed within the ponded area. A pipe was located east of this wetland which appears to contribute flows to the wetland. This feature is wholly constructed in uplands and would likely revert to upland if irrigation ceased.

Beneficial Uses

Beneficial uses establish and maintain or enhance water quality standards for different water channels. The designated inland surface water beneficial uses for the Mugu Lagoon subwatershed and the associated side channels (Coastal Watersheds of Los Angeles and Ventura Counties) are Navigation (NAV)--Commercial and Sport Fishing (COMM)--Estuarine Habitat (EST)--Marine Habitat (MAR)--Wildlife Habitat (WILD)--Preservation of Biological Habitats (BIOL)--Rare, Threatened, or Endangered Species (RARE)--Migration of Aquatic Organisms (MIGR)--Spawning, Reproduction, and/or Early Development (SPWN)--Shellfish Harvesting (SHELL)--and Wetland Habitat (WET).

Floodplains

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map Panel 06111C0918F and Panel 06111C0919F, the project area is located within Zone X (Federal Emergency Management Agency, 2021). Shaded Zone X areas are areas that have a 0.2 percent annual chance of flood, areas of one percent annual chance of flood with average depths of less than one foot or with drainage areas less than one square mile, and areas protected by levees from one percent annual chance of flood.

A Hydrology Memorandum was prepared for the project to document the waterways and drainage features (Kasraie Consulting, 2023). Field observations were conducted and indicate that the hydrological contribution within the project area is primarily by irrigation runoff and precipitation. Flows are conveyed from north to south and are captured in a drainage ditch located on the north side of Hueneme Road. Once the drainage ditch overflows, water sheet flows onto adjacent parcels to the south of Hueneme Road. This occasionally causes flows that flood Hueneme Road (GPA Consulting, 2023).

Municipal Supply

Municipal water supply for the project area, and the surrounding unincorporated communities, is provided by the Calleguas Municipal Water District. There are no Municipal Water supply sources located within the project area (Calleguas Municipal Water District, n.d.).

Groundwater Hydrology

The project area is within the Santa Clara River Valley Groundwater Basin (Basin) – Oxnard (California

Regional Water Quality Control Board, 2019). The Basin is approximately 57,888 acres in size with approximately 1,141 wells of which approximately 68 are water supply wells. The Oxnard subbasin adjoins the Mound and Santa Paula Subbasins and is defined by the Oak Ridge fault.

3.1.5 Geology/Soils

The United States Department of Agriculture Natural Resources Conservation Service Custom Soil Resource Report indicates that the project area is underlain by Camarillo Sandy Loam, 0 to 2 Percent Slopes, Camarillo Loam 0 to 2 Percent Slopes, Camarillo Loam, Loamy Substratum, 0 to 2 Percent Slopes, and Hueneme Loamy Fine Sand, 0 to 2 Percent Slopes (National Resources Conservation Service, 2019).

Camarillo Sandy Loam, 0 to 2 Percent Slopes

The Camarillo Sandy Loam, 0 to 2 Percent Slopes soil unit belongs to the Camarillo soil series. Camarillo soils are very deep, somewhat poorly drained soils found on flood plains and formed in alluvium derived from sedimentary rocks. The capacity of the most limiting layer in this soil unit to transmit water is moderately high to high. Depth to water table in this unit averages about 16 to 28 inches. Soils in this unit are considered nonsaline to very slightly saline and are not considered hydric. Within the project area, the Camarillo Sandy Loam, 0 to 2 Percent Slopes soils are comprised of 85 percent Camarillo and similar soils, 10 percent Hueneme soils, three percent Pacheco soils, and two percent Mocho soils.

Camarillo Loam, 0 to 2 Percent Slopes

The Camarillo Loam, 0 to 2 Percent Slopes soil unit also belongs to the Camarillo soil series. The capacity of the most limiting layer in this soil unit to transmit water is moderately high. Depth to water table in this unit averages about 20 to 35 inches. Soils in this unit are considered very slightly saline to moderately saline and are not considered hydric. Within the project area, the Camarillo Loam, 0 to 2 Percent Slopes soil unit is comprised of 80 percent Camarillo and similar soils, 10 percent Camarillo sandy loam, five percent Hueneme soils, three percent Pacheco soils, and two percent Mocho soils.

Camarillo Loam, Loamy Substratum, 0 to 2 Percent Slopes

The Camarillo Loam, Loamy Substratum, 0 to 2 Percent Slopes soil unit also belongs to the Camarillo soil series. The capacity of the most limiting layer in this soil unit to transmit water is moderately high to high. Depth to water table in this unit averages about 28 to 39 inches. Soils in this unit are considered nonsaline to very slightly saline and are not considered hydric. Within the project area, the Camarillo Loam, Loamy Substratum, 0 to 2 Percent Slopes soil unit is comprised of 85 percent Camarillo and similar soils, 10 percent Hueneme soils, three percent Pacheco soils, and two percent Mocho soils.

Hueneme Loamy Fine Sand, 0 to 2 Percent Slopes

The Hueneme Loamy Fine Sand, 0 to 2 Percent Slopes soil unit belongs to the Hueneme soil series. Hueneme soils are somewhat poorly drained, although many areas have been artificially drained. These soils are in nearly level alluvial plains and basins in stratified alluvium derived from alkaline sedimentary sources. The capacity of the most limiting layer in this soil unit to transmit water is moderately high to high. Depth to water table in this unit averages about 24 to 35 inches. Soils in this unit are considered nonsaline to very slightly saline and are not considered hydric. Within the project area, the Hueneme

loamy Fine Sand, 0 to 2 Percent Slopes soil unit is comprised of 95 percent Hueneme and similar soils; one percent Anacapa soils; one percent Metz soils; one percent Hueneme, loamy substratum soils; one percent Pico soils; and one percent Camarillo, sandy loam soils.

Soil Erosion Potential

The composition, moisture, and compaction of soil are all major factors in determining soil erosion potential. Sediments containing more clay tend to be more resistant to erosion than those with sand or silt, as clay helps bind soil particles together. In addition, soils with high levels of organic materials are often more resistant to erosion because the organic materials create a stronger, more stable soil structure (United States Department of Agriculture, Soil Conservation Service, 1990).

The soil erodibility K factor indicates the erodibility of whole soil. The estimates of the K factor are based primarily on percentage of silt, sand, and organic matter, and on soil structure and saturated hydraulic conductivity. Coarse textured soils have a K factor between 0.05 and 0.20 have a low runoff potential. Soils with a K factor between 0.25 and 0.40 indicate that the soils have a moderate potential for erosion because the soils are medium textured, and therefore have a moderate susceptibility to detachment and produce moderate runoff. Soils with a K factor greater than 0.4 are easily detached and have a high rate of runoff (Michigan State University, 2002). Values of the K factor in the project area range from 0.02 to 0.55 which indicates that the soils have low to high soil erosion potential (United States Department of Agriculture, 2019).

3.1.6 Biological Communities

Aquatic Habitat

According to the Biological Resource Assessment (BRA) prepared for this project, the drainages and cattail marsh in the project area are associated with roadways drainage and adjacent agricultural lands. The flows in these irrigation ditches and cattail marsh feature do not provide associated aquatic resource values for fish and wildlife species (GPA Consulting, 2023).

Special Status Species

According to the BRA, 23 special-status plant species have the potential to be in the project area based on recorded geographical distribution. Based on habitat requirements, no special-status plant species have potential to be in the project area. No special-status plant species were observed during the field survey, which was conducted during the typical blooming period for the majority of the species.

According to the BRA, 49 special-status wildlife species have the potential to be in the project area based on recorded geographical distribution. Based on habitat requirements, nine special-status wildlife species have potential to be in the project area, including American bumble bee (*Bombus pensylvanicus*), California legless lizard (*Anniellas* spp.), burrowing owl (*Athene cunicularia*), tricolored blackbird (*Agelaius tricolor*), white-tailed kite (*Elanus leucurus*), California horned lark (*Eremophila alpestris actia*), American peregrine falcon (*Falco peregrinus anatum*), pallid bat (*Antrozous pallidus*), and western mastiff bat (*Eumops perotis californicus*). None of these species were observed during the field surveys.

Stream/Riparian Habitats

According to the United States Fish and Wildlife Service (USFWS) National Wetlands Inventory Mapper, no streams and/or riparian habitats were identified within the project area (United States Fish and Wildlife Services, 2022). Additionally, according to the BRA, the drainage features within the project area are manmade and lack associated riparian habitat (GPA Consulting, 2023).

Wetlands

According to the USFWS National Wetlands Inventory Mapper, no wetlands were identified within the project area (United States Fish and Wildlife Services, 2022). Additionally, according to the BRA, no wetlands were delineated within the project area (GPA Consulting, 2023).

Fish Passage

As stated above, the drainages and cattail marsh in the project area are associated with roadway runoff and adjacent agricultural lands. The flows in these drainages do not provide associated aquatic resource values for fish species (GPA Consulting, 2023).

3.2 Water Quality Objectives/Standards and Beneficial Uses

3.2.1 Surface Waters

The Los Angeles RWQCB has established water quality objectives for inland surface waters. Water Quality objectives are intended to protect the public health and welfare and to maintain or enhance water quality in relation to the designated existing and potential beneficial uses of the water. Regional objectives for inland surface waters are included for ammonia, bioaccumulation, biochemical oxygen demand, biostimulatory substances, chemical constituents, chlorine, color, exotic vegetation, floating materials, methylene blue activated substances (MUN uses), mineral quality, nitrogen (nitrate, nitrite), oil and grease, dissolved oxygen (WARM, COLD, SPWN uses), potential of hydrogen, polychlorinated biphenyls, radioactive substances, solid, suspended, or settleable Materials, taste and odor, temperature (WARM and COLD uses), toxicity, and turbidity.

3.2.2 List of Impaired Waters

There is one drainage, Drainage Feature 3, within the project area that is listed as impaired in the CWA Section 303(d) list as provided by the 2020/2022 California Integrated Report (State Water Resources Control Board, 2020). Total Maximum Daily Loads, the total amount of a constituent that can be discharged while meeting water quality objectives and protecting beneficial uses, must be developed for waters listed as impaired. The project engineer would consider treatment controls and consult with the District NPDES Stormwater Coordinator.

3.2.3 Groundwater

The designated beneficial uses of groundwater in the Santa Clara River Valley Groundwater Basin – Oxnard include Municipal and Domestic Supply (MUN), Industrial Service Supply (IND), Industrial Process Supply (PROC), and Agricultural Supply (AGR). The Los Angeles RWCQB has established water quality objectives for groundwaters. Regional objectives for groundwaters are included for bacteria, chemical constituents

and radioactivity, mineral quality, nitrogen (nitrate, nitrite), and taste and odor.

4.0 ENVIRONMENTAL CONSEQUENCES

The section describes the anticipated changes to the environment and potential short-term, long-term, and cumulative impacts on water quality during construction and operation.

4.1 Potential Impacts to Water Quality

4.1.1 Anticipated changes to the Physical/Chemical Characteristics of the Aquatic Environment

No Build Alternative

Under the No Build Alternative, the County would not conduct the roadway widening and additional improvements along Hueneme Road between Edison Drive and Rice Avenue. Therefore, existing conditions would remain unchanged. However, this alternative would not meet the purpose and need of the project.

Build Alternative

Construction material, dust, and debris could potentially impact the water quality of the 11 drainages and cattail marsh identified in the project area. If construction material, dust and/or debris were to enter the waterways impacts would be temporary and would not result in a permanent change in water quality of these drainages. Construction activities could also result in increased erosion.

Widening of the roadway would result in approximately 339,000 square feet of increased impervious surface area; the additional surface runoff would drain as it does now, either into existing/relocated roadside drainages, or onto adjacent private farmlands. The widened roadway could also result in additional pollutant levels in runoff. Runoff would be expected to continue to flow into roadside drainages and, once drainages are full, continue to sheet flow across the existing road and onto adjacent parcels to the south; therefore, the project may result in additional water flowing into adjacent fields.

With the implementation of BMP and avoidance and minimization measures **WQ-1** to **WQ-6,** temporary construction impacts would be substantially minimized. In addition, the project would be conducted in compliance with applicable water quality regulations and regulatory permits that would minimize impacts related to water quality. Therefore, no substantial adverse changes to the physical/chemical characteristics of the aquatic environment are expected to result from the project.

4.1.2 Anticipated Changes to the Biological Characteristics of the Aquatic Environment

No Build Alternative

Under the No Build Alternative, the County would not conduct the roadway widening and additional improvements along Hueneme Road between Edison Drive and Rice Avenue. Therefore, existing conditions would remain unchanged. However, this alternative would not meet the purpose and need of

the project.

Build Alternative

Special-status plant species are not expected to be within the project area; therefore, no impacts are anticipated. There is potential for seven special-status wildlife species to be in the project area; however, none of these species are aquatic species. In addition, the flows in these irrigation ditches do not provide associated aquatic resource values for fish and wildlife species. Therefore, the project would not result in the loss of aquatic habitat and would not result in changes to waterways that would be expected to affect fish or local wildlife passage in the project area and no substantial adverse changes in the biological characteristics of the aquatic environment are expected to result from the project.

4.1.3 Anticipated Changes to the Human Use Characteristics of the Aquatic Environment

No Build Alternative

Under the No Build Alternative, the County would not conduct the roadway widening and additional improvements along Hueneme Road between Edison Drive and Rice Avenue. Therefore, existing conditions would remain unchanged. However, this alternative would not meet the purpose and need of the project.

Build Alternative

The existing drainages and cattail marsh are currently used for roadside runoff and agricultural purposes. The drainages are not used for water supply, recreational uses, aesthetics, scenic waterways, or other human uses. Some of the drainages would need to be shifted north to accommodate the widened road, and a portion of the cattail marsh would be impacted. During construction, relocation of these drainages could result in temporary interruption of drainage flows and increased turbidity. Construction activities could also result in increased erosion.

Relocation of drainages, drainage pipes, drainage inlets, and culvert extensions would result in permanent impacts on approximately 0.01 acre of non-wetland waters potentially under RWQCB jurisdiction and approximately 0.02 acre potentially under CDFW jurisdiction (GPA Consulting, 2023). However, following construction the relocated drainages would continue to provide the same functions for roadway runoff and agricultural uses.

Widening of the roadway would result in approximately 339,000 square feet of increased impervious surface area; the additional surface runoff would drain as it does now, either into the existing/relocated roadside drainages, or onto adjacent private farmlands. This could reduce the potential for groundwater recharge. Runoff would be expected to continue to flow into roadside drainages and, once drainages are full, continue to sheet flow across the existing road and onto adjacent parcels to the south; therefore, the project may result in additional water flowing into adjacent fields, which could impact agricultural activities.

With the implementation of BMPs and avoidance and minimization measures **WQ-1** to **WQ-6**, temporary construction, and long-term operational impacts would be substantially minimized. In addition, the

project would be conducted in compliance with applicable water quality regulations and required regulatory permits to minimize impacts related to human uses. Therefore, no substantial adverse changes in human use characteristics of the aquatic environment are expected to result from the project.

4.1.4 Temporary Impacts to Water Quality

No Build Alternative

Under the No Build Alternative, the County would not conduct the roadway widening and additional improvements along Hueneme Road between Edison Drive and Rice Avenue. Therefore, existing conditions would remain unchanged. However, this alternative would not meet the purpose and need of the project.

Build Alternative

During construction, modifications to several existing drainages and cattail marsh, and the use of construction equipment adjacent to these features, would have the potential to degrade water quality by increasing the amount of disturbed substrate.

Pollutants such as trash left at the construction sites and pollutants spilled from the equipment at the construction sites would have the potential to affect the chemical characteristics of the aquatic environment. Runoff associated with construction activities would have the potential to degrade water quality. However, impacts on water quality would be short-term and temporary.

With implementation of BMPs **WQ-1** to **WQ-6**, impacts from sediments and potential pollutants would be substantially minimized. In addition, the project would be conducted in compliance with applicable water quality regulations and required regulatory permits to minimize impacts related to water quality. Therefore, no substantial adverse temporary impacts on water quality are expected to result from the project.

4.1.5 Long-term Impacts During Operation and Maintenance

No Build Alternative

Under the No Build Alternative, the County would not conduct the roadway widening and additional improvements along Hueneme Road between Edison Drive and Rice Avenue. Therefore, existing conditions would remain unchanged. However, this alternative would not meet the purpose and need of the project.

Build Alternative

Long-term operation of the project would not result in any permanent impacts on the physical and chemical characteristics of the aquatic environment. There are no special-status aquatic species expected to be in the project area; therefore, long-term operation of the roadway would not result in any impacts on fish or wildlife passage, aquatic habitat, essential habitat for special-status species, or result in an increase in invasive species within the project area.

Widening of the roadway would result in approximately 339,000 square feet of increased impervious

surface area; the additional surface runoff would drain into existing/relocated roadside drainages, or onto adjacent farmlands. This could reduce the potential for groundwater recharge. The widened roadway could also result in additional pollutant levels in runoff. Runoff would be expected to continue to flow into roadside drainages and, once drainages are full, continue to sheet flow across the existing road and onto adjacent parcels to the south; therefore, the project may result in additional water flowing into adjacent fields.

Implementation of the project would result in permanent impacts on approximately 0.01 acre of non-wetland waters potentially under RWQCB jurisdiction and approximately 0.02 acre potentially under CDFW jurisdiction. However, this would represent a very small area and would not affect the functions of the roadway or agricultural drainages and would not result in impacts on water quality. In addition, the project would be conducted in compliance with applicable water quality regulations to minimize impacts related to water quality. Therefore, no substantial adverse long-term impacts on water quality are expected to result from the project.

4.2 Impact Assessment Methodology

A qualitative assessment of the project was conducted to determine the potential for water quality impacts and associated impacts on the aquatic environment. With the implementation of BMPs and standard measures, no substantial temporary (during construction) or long-term (during operation) impacts would result from the project.

4.3 Cumulative Impacts

The cumulative setting is considered the Magu Lagoon Subwatershed of the Calleguas Creek Watershed. Existing and continuing development and structures contribute to cumulative impact on water quality. During construction, the project could have the potential to result in increased erosion and construction-related pollutants and turbidity within the project area. Relocation of drainages, drainage pipes, drainage inlets, and culvert extensions would result in permanent impacts on approximately 0.01 acre of non-wetland waters potentially under RWQCB jurisdiction and approximately 0.02 acre potentially under CDFW jurisdiction. Construction of the project would result in an increase of 339,000 square feet of impervious surface.

With the implementation of BMPs and avoidance and minimization measures **WQ-1** to **WQ-6**, temporary construction impacts would be substantially minimized. In addition, the project would be conducted in compliance with applicable water quality regulations and required regulatory permits to minimize impacts related to human uses. Other projects in the watershed would be expected to implement similar measures. Therefore, no substantial or adverse impacts on water quality or the aquatic environment are anticipated to result from construction of the project. Therefore, the project's contribution to cumulative impacts would be less than cumulatively considerable.

5.0 AVOIDANCE, MINIMIZATION, AND/OR MITIGATION MEASURES

The following measures would be implemented during construction to avoid or minimize adverse effects on water quality within the drainages and marsh during construction:

WQ-1 Work areas would be reduced to the maximum extent feasible, and staging area would be located outside of jurisdictional features.

WQ-2 Erosion Control BMPs such as slit fencing, fiber rolls, straw bales or other measures would be implemented to minimize dust, dirt, and debris resulting from construction activities, and to protect water quality of the northern drainage. Silt fencing would be placed along the boundary of the work area and between the temporary impact area and the slough, and in other areas as appropriate to minimize impacts on the slough.

WQ-3 Following completion of construction activities, appropriate erosion control measures would be implemented to ensure that soils disturbed by construction are stabilized, to minimize non-stormwater water discharges across the roadway.

WQ-4 Appropriate hazardous material BMPs would be implemented to reduce the potential for chemical spills or contaminant releases into the slough including any non-stormwater discharge.

WQ-5 All equipment refueling and maintenance would be conducted at least 100 feet away from jurisdictional features. In addition, construction vehicles and equipment would be checked daily for fluid and fuel leaks, and drip pans would be placed under all equipment that is parked and not in operation.

WQ-6 Temporarily disturbed areas would be re-contoured and re-vegetated using native species. Any re-vegetation or erosion control implemented would be completed using non-invasive species.

6.0 References

California Regional Water Quality Control Board. (2019). *Water Quality Control Plan- Los Angeles Region*. Retrieved from https://www.waterboards.ca.gov/losangeles/water_issues/programs/basin_plan/basin_plan_documentation.html

California Regional Water Quality Control Board, Los Angeles Region. (1994, June 13). *Water Quality Control Plan, Los Angeles Region.* Retrieved July 8, 2015, from Basin Plan for the Coastal Watersheds of Los Angeles and Ventura Counties: http://www.waterboards.ca.gov/losangeles/water_issues/programs/basin_plan/basin_plan_documentation.shtml

California Regional Water Quality Control Board, Los Angeles Region. (2002). *Tissue, Sediment and Benthic Infauna Data Revolon Slough Main Branch: Mugu Lagoon to Central Avenue.* Retrieved September 11, 2023, from https://www.waterboards.ca.gov/losangeles/water_issues/programs/303d/2002/factsheet/revolon%20slough%20main%20branch-fact%20sheet.pdf

Calleguas Municipal Water District. (n.d.). *Water Resources and Quality*. Retrieved from https://www.calleguas.com/

Climate Data. (2019). *Ventura County Climate Data*. Retrieved from https://en.climate-data.org/north-america/united-states-of-america/california/ventura-1459/#google_vignette

County of Ventura. (2020). *County of Ventura General Plan- Circulation Element.*

County of Ventura Resource Management Agency Planning Division. (2020). *Ventura County General Plan*. Retrieved from https://vcrma.org/en/ventura-county-general-plan

Federal Emergency Management Agency. (2021). *Flood Insurance Rate Map*. Retrieved from https://msc.fema.gov/portal/search?AddressQuery=skyway%20dr%20and%20neal%20rd%2C%20paradise%2C%20ca#searchresultsanchor

GPA Consulting. (2023). *Biological Resource Assessment.*

GPA Consulting. (2023). *Hueneme Road Widening Project -- Waterways Investigation*.

Groundwater Exchange. (2019). *Santa Clara River Valley -- Oxnard*. Retrieved from https://www.google.com/search?q=Santa+Clara+River+Valley+Groundwater+Basin-+oxnard&sca_esv=561755169&rlz=1C1GCEA_enUS1000US1000&sxsrf=AB5stBjxY16lY-CysmIdbs0UTKpfvomsIA%3A1693519611332&ei=-w7xZPjyE_rjkPIPq7OBmAY&ved=0ahUKEwi43OmW9IeBAxX6MUQIHatZAGMQ4dUDCB

Kasraie Consulting. (2023). *Hueneme Road Widening - Phase 1 Hydrology Study.* Retrieved May 30, 2023

Leopold, L. B. (1994). *A View of the River.* Cambridge, MA: Harvard University Press.

Michigan State University. (2002). *K Factor*. Retrieved from Revised Universal Soil Loss Equation (RUSLE), On Line Soil Erosion Assessment Tool: http://www.iwr.msu.edu/rusle/kfactor.htm

National Resources Conservation Service. (2019). Retrieved from https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm

Rosgen, D. L. (1996). *Applied River Morphology.* Pagosa Springs, CO: Wildland Hydrology Books.

State Water Resources Control Board. (2020). *California Integrated Report.*

United States Census Bureau. (2022). *Quick Facts*. Retrieved from https://www.census.gov/quickfacts/fact/table/venturacountycalifornia,US/PST120222

United States Department of Agriculture. (2019). *Web Soil Survey*. Retrieved from https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx

United States Department of Agriculture, Soil Conservation Service. (1990). *Soil Survey of Merced County, California, Western Part.* Retrieved from http://www.nrcs.usda.gov/Internet/FSE_MANUSCRIPTS/california/CA647/0/merced.pdf

United States Fish and Wildlife Services. (2022). *National Wetlands Inventory*. Retrieved from https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/

United States Geological Survey. (2023). *Watershed Map*. Retrieved from https://apps.nationalmap.gov/viewer/

Ventura County Public Works. (2019). *Watershed Protection District*. Retrieved from https://www.vcpublicworks.org/wpd/

Ventura County Public Works. (2020). *Santa Clara River*. Retrieved from https://www.vcpublicworks.org/wp/santa-clara-river/

Ventura County Public Works Agency Watershed Protection District. (2003). *Calleguas Creek Watershed Hydrology Study Present Condition.* Retrieved September 11, 2023, from https://s29422.pcdn.co/wp-content/uploads/2021/01/CC_Hydrology_Present_VCWPD.pdf

6.1 Preparer(s) Qualifications

Marieka Schrader, Senior Associate Environmental Planner/Biologist
B.A. Environmental Studies
Work Experience: 23 years

Riley Vera, Environmental Planner
B.A. Environmental Studies
Work Experience: 1 year

Appendix H: Noise Study Report

NOISE STUDY REPORT

Hueneme Road Widening Project

Hueneme Road Widening Project

County of Ventura, CA

07 – VEN - Hueneme Road

VEN011202

August 2025

For individuals with sensory disabilities, this document is available in alternative formats. To obtain a copy in one of these alternate formats, use the California Relay Service 1 (800) 735-2929 (TTY to voice), 1 (800) 735-2922 (voice to TTY), 1 (800) 855-3000 (Spanish TTY to voice and voice to TTY) 1-(800) 854-7784 (Spanish & English speech to speech), or 711.

NOISE STUDY REPORT

Hueneme Road Widening Project

County of Ventura, CA

07 – VEN – Hueneme Road

VEN011202

August 2025

Prepared by: _____ Date: 08/29/2025

Kurt Legleiter, Principal
Ambient Air Quality & Noise Consulting, LLC
75 Higuera Street, Suite 105
San Luis Obispo, CA 93401

Concurred By: Andrew Yoon Date: 9/16/25

Andrew Yoon, Senior Transportation Engineer
Caltrans District 7
Office of Environmental Engineering
100 South Main Street
Los Angeles, California 90012
(213) 266-6892

Summary

The purpose of this noise study report (NSR) is to evaluate noise impacts and abatement under the requirements of Title 23, Part 772 of the Code of Federal Regulations (23 CFR 772) "Procedures for Abatement of Highway Traffic Noise." 23 CFR 772 provides procedures for preparing operational and construction noise studies and evaluating noise abatement considered for federal and Federal-aid highway projects. According to 23 CFR 772.3, all highway projects that are developed in conformance with this regulation are deemed to be in conformance with Federal Highway Administration (FHWA) noise standards. Compliance with 23 CFR 772 provides compliance with the noise impact assessment requirements of the National Environmental Policy Act (NEPA).

The Caltrans Traffic Noise Analysis Protocol for New Highway Construction, Reconstruction, and Retrofit Barrier Projects (Protocol) (Caltrans 2020) provides Caltrans policy for implementing 23 CFR 772 in California. The Protocol outlines the requirements for preparing NSRs. Noise impacts associated with the Hueneme Road Widening Project under the California Environmental Quality Act (CEQA) are evaluated separately in the Project's environmental document.

The Hueneme Road Widening Project (Project) is located in the County of Ventura, CA (County).

The Project is intended to serve existing transportation demand, improve freight movement corridor, and improve vehicle and bicycle travel and safety. The Project will provide new Class II buffered bicycle lanes along Hueneme Road between Edison Drive and Rice Avenue (Kimley Horn, 2023). In addition, the Project is included in the County's General Plan as a segment of the proposed multi-modal coastal trail. Proposed improvements, such as the addition of buffered bike lanes, would support the County's goal "To provide a continuous trail route along coastal areas of Ventura County that forms a part of the statewide California Coastal Trail system and provides access to other trails, the shoreline, public recreational opportunities, and coastal points of interest" (County of Ventura 2021, Kimley Horn 2023).

Two alternatives are being considered for evaluation as part of this proposed Project. The proposed alternatives include a Build Alternative (Alternative 1) with the proposed widening of Hueneme Road and a No-Build Alternative (Alternative 2).

The Build Alternative includes the widening of an approximate 1.93-mile portion of Hueneme Road, between Edison Drive and Rice Avenue, from a two-lane roadway to a four-lane roadway with buffered bike lanes, a paved median, and turn lanes (Project). The purpose of

this Project is to improve vehicle and bicycle travel and safety between the Cities of Oxnard and Camarillo. Construction of the Project is anticipated to take place over a 12-month period, between approximately Summer 2030 and Summer 2031.

The No-Build Alternative would not include any construction or result in changes to existing conditions and there would be no improvements to traffic and bicycle travel/safety or improvements in regional connectivity. The No-Build Alternative would not address the purpose or need of the Project, and serves mainly as a baseline to compare with the Build Alternative.

Nearby land uses consist predominantly of agriculture, commercial office, and residential. Two residential land uses are located on the north side of Hueneme Road. The terrain in the Project area is generally flat.

Table E-1 summarizes existing and predicted design-year (2050) with and without the Project noise levels for each land use activity category. As depicted under existing and design year without Project conditions noise levels at Activity Category B modeled receivers range from 65-67 dBA dBA $L_{eq}^{(h)}$. Under existing and design-year without project conditions Activity Category B modeled receiver MR-1 is approaching the applicable Noise Abatement Criteria (NAC) of 67 dBA dBA $L_{eq}^{(h)}$. As defined in the Traffic Noise Protocol a traffic noise impact occurs when "design-year build condition noise levels approach or exceed the noise abatement criteria (NAC) listed in Table 4-1 for the future build condition; or design-year build condition noise levels that create a substantial noise increase over existing noise levels.

In California a noise level is considered to approach the NAC for a given Activity Category if it is within 1 dBA of the NAC. A substantial noise increase occurs when the project's predicted worst-hour design-year noise level exceeds the existing worst-hour noise level by 12 dBA or more." (Caltrans 2020). As depicted in Table E-1, implementation of the Project would not result in a substantial increase in traffic noise levels at nearby modeled land uses. However, design year noise levels Activity Category B modeled receiver MR-1 would be 66 dBA $L_{eq}^{(h)}$, which would approach the NAC of 67 dBA $L_{eq}^{(h)}$. As a result, noise abatement must be considered for this residential land use. Access to this property is provided via driveways connecting to Hueneme Road. A noise barrier placed between this residential land use and Hueneme Road would prevent access to the site. As a result, noise abatement at modeled receiver MR-1 was deemed infeasible. Predicted design year noise levels with the Project at all other modeled land uses would not approach or exceed their applicable NAC.

No adverse noise impacts from construction are anticipated because construction would be conducted in accordance with Caltrans Standard Specifications Section 14.8-02. Construction noise would be short-term, intermittent, and overshadowed by local traffic noise.

Table E-1. Summary of Modeled Taffic Noise Levels and Noise Impacts

Land Uses	Activity Category	NAC	Existing Noise Level Range, dBA	Modeled Design-Year With Project Noise Level Range, dBA		Number of Traffic Noise Impacted Receptors[1]
				No-Build Conditions	Build Conditions	
Residential	B	67	65 to 67	65 to 67	64 to 66	1
Commercial Office	E	72	63	63 to 64	65 to 66	0
Agriculture Utility Warehouse	F	NA	61 to 67	61 to 67	63 to 67	0

1. *Traffic noise impacts are considered to occur when predicted design-year noise levels for build conditions are 12 dB, or more, than existing noise levels, or where predicted design-year noise levels for build conditions approach or exceed the noise-abatement criteria (NAC) for the applicable activity category under future design-year conditions, with Project implementation.*

Table of Contents

Chapter 1. Introduction 1
1.1. Purpose of the Noise Study Report 1
1.2. Project Purpose and Need 1
Chapter 2. Project Description 2
2.1. Build Alternative 2
2.2. No-Build Alternative 3
Chapter 3. Fundamentals of Traffic Noise 8
3.1. Sound, Noise, and Acoustics 8
3.2. Frequency 8
3.3. Sound Pressure Levels and Decibels 8
3.4. Addition of Decibels 9
3.5. A-Weighted Decibels 9
3.6. Human Response to Changes in Noise Levels 10
3.7. Noise Descriptors 11
3.8. Sound Propagation 11
3.9. Geometric Spreading 11
3.9.1 Ground Absorbtion 12
3.9.2 Atmospheric Effects 12
3.9.3 Shielding by Natural or Human-Made Features 12
Chapter 4. Federal Regulations and State Policies 13
4.1. Federal Regulations 13
4.1.1. 23 CFR 772 13
4.1.2. Protocol 14
4.2. State Regulations and Policies 15
4.2.1. CEQA 15
4.2.2. Section 216 of the California Streets and Highways Code 16
Chapter 5. Study Methods and Procedures 17
5.1. Methods for Identifying Land Uses and Selecting Noise Measurement and Modeling Receiver Locations 17
5.2. Field Measurement Procedures 17
5.2.1. Short-Term Measurements 18
5.2.2. Long -Term Measurements 22
5.3. Traffic Noise Levels Prediction Methods 22
5.4. Methods for Identifying Traffic Noise Impacts and Consideration of Abatement 23
Chapter 6. Existing Noise Environment 25
6.1. Existing Land Uses 25
6.2. Noise Measurement Results 26
6.2.1. Short-Term Noise Measurements 26
6.2.2. Long-Term Noise Measurements 26
6.2.3. Traffic Noise Model Calibration 30
Chapter 7. Future Noise Environment, Impacts, and Considered Abatement 31
7.1. Future Noise Environment and Impacts 31

7.2. Preliminary Noise Abatement Analysis 32
7.2.1. Activity Category B (Residential Land Uses) 33
7.2.2. Activity Category E (Commercial Office Land Uses) 33
7.2.3. Activity Category F (Agriculture, Utility Warehouse Land Uses) 33
Chapter 8. Construction Noise 34
Chapter 9. References 35
Appendix A Traffic Data 36
Appendix B Predicted Future Noise Levels and Noise Barrier Analysis 40
Appendix C Supplemental Data 42

List of Figures

Figure 2-1. Project Regional Location 4
Figure 2-2. Project Location 5
Figure 2-3. Project Limits West 6
Figure 2-4. Project Limits East 7
Figure 5-1. Monitoring Positions, Modeling Positions, and Land Uses, Sheet 1 of 3 19
Figure 5-2. Monitoring Positions, Modeling Positions, and Land Uses, Sheet 2 of 3 20
Figure 5-3. Monitoring Positions, Modeling Positions, and Land Uses, Sheet 3 of 3 21
Figure 6-1. Long-Term Measurement at Location LT1, March 19–20, 2024 28
Figure 6-2 Long-Term Measurement at Location LT2, March 19–20, 2024 30

List of Tables

Table E-1. Summary of Modeled Traffic Noise Levels and Noise Impacts iii
Table 3-1. Typical A-Weighted Noise Levels 10
Table 4-1. Activity Categories and Noise Abatement Criteria (23 CFR 772) 15
Table 6-1. Summary of Short-Term Noise Measurements 26
Table 6-2. Summary of Long-Term Measurement at Location LT1 27
Table 6-3. Summary of Long-Term Measurement at Location LT2 29
Table 6-4. Comparison of Measured to Modeled Noise Levels in the TNM Model 30
Table 8-1. Typical Construction Equipment Noise Levels 34
Table A-1. Traffic Data for Existing Conditions 37
Table A-2. Traffic Data for No-Project Conditions 2050 37
Table A-3. Traffic Data for Design Year 2050 with Project Conditions 39
Table B-1. Predicted Design Year 2050 Noise and Barrier Analysis 41
Table C-1. Predicted 2030 Noise With and Without the Project (For CEQA Purposes) 47

Acronyms and Abbreviations

Term	Definition
Caltrans	California Department of Transportation
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CNEL	Community Noise Equivalent Level
County	County of Ventura
dB	Decibels
FHWA	Federal Highway Administration
HOT	High-Occupancy Toll
HOV	High-Occupancy Vehicle
Hz	Hertz
L_{eq}	Equivalent Sound Level
L_{eq} (h)	Equivalent Sound Level over one hour
LT	Long-term
L_{max}	Maximum Sound Level
L_{xx}	Percentile-Exceeded Sound Level
mPa	Micro-Pascals
Mph	Miles per Hour
MR	Modeled Receiver
NAC	Noise Abatement Criteria
NADR	Noise Abatement Decision Report
NEPA	National Environmental Policy Act
NSR	Noise Study Report
Protocol	Caltrans Traffic Noise Analysis Protocol for New Highway Construction, Reconstruction, and Retrofit Barrier Projects
ROW	Right of way
SCE	Southern California Edison Company
SPL	Sound Pressure Level
ST	Short-term
TCE	Temporary Construction Easement
TeNS	Caltrans' Technical Noise Supplement
TNM 2.5	FHWA Traffic Noise Model Version 2.5

Chapter 1. Introduction

1.1. Purpose of the Noise Study Report

The purpose of this NSR is to evaluate noise impacts and abatement under the requirements of Title 23, Part 772 of 23 Code of Federal Regulations (CFR) 772 "Procedures for Abatement of Highway Traffic Noise." 23 CFR 772 provides procedures for preparing operational and construction noise studies and evaluating noise abatement considered for federal and Federal-aid highway projects. According to 23 CFR 772.3, all highway projects that are developed in conformance with this regulation are deemed to be in conformance with FHWA noise standards. Compliance with 23 CFR 772 provides compliance with the noise impact assessment requirements of the NEPA.

The Caltrans Traffic Noise Analysis Protocol for New Highway Construction, Reconstruction, and Retrofit Barrier Projects (Protocol) (Caltrans 2020) provides Caltrans policy for implementing 23 CFR 772 in California. The Protocol outlines the requirements for preparing NSRs. Noise impacts associated with this Project under CEQA are evaluated separately in the Project's environmental document.

1.2. Project Purpose and Need

Roadways in the County facilitate the movement of goods throughout the region and state. Hueneme Road serves as the primary freight route to and from the Port of Hueneme, and there is a large percentage of truck traffic from the Oxnard city limit to Rice Avenue. Goal one of the Circulation, Transportation, and Mobility Element in the County's General Plan states "To ensure the design, construction, and maintenance of a safe and efficient roadway system for the movement of persons and goods." The Project is intended to serve existing transportation demand, improve freight movement corridor, and improve vehicle and bicycle travel and safety. The Project will provide new Class II buffered bicycle lanes along Hueneme Road between Edison Drive and Rice Avenue. In addition, the Project is included in the County's General Plan as a segment of the proposed multi-modal coastal trail. Proposed improvements, such as the addition of buffered bike lanes, would support the County's goal "To provide a continuous trail route along coastal areas of the County that forms a part of the statewide California Coastal Trail system and provides access to other trails, the shoreline, public recreational opportunities, and coastal points of interest" (County of Ventura 2021, Kimley Horn 2023).

Chapter 2. Project Description

2.1. Build Alternative

The Project would include four 12-foot through lanes (two in the eastbound direction and two in the westbound direction), a 14-foot paved median, two 6-foot bike lanes on either side of the roadway with a 2-foot buffer between the bicycle lanes and the traffic lanes, and two 4-foot shoulders on either side of Hueneme Road between Edison Drive and Rice Avenue. All existing left-turn lanes would be retained as part of the Project. The total width of the new roadway would vary between 63 to 72 feet. The widened roadway would taper to the existing configuration of one travel lane in each direction approximately 1,200 feet east of Rice Avenue.

The existing centerline of the road would be shifted as part of the roadway widening. Construction of the widened roadway would require a maximum ground disturbance of approximately 12 to 14 inches to install the new roadbed. Widening of the roadway would result in approximately 339,000 square feet of increased impervious surface area. It is anticipated that the existing drainage ditch on the north side of the roadway would be shifted north to accommodate the widening of the road. The limits of the relocated ditch would not extend beyond the new County right-of-way (ROW) line.

The Project would require three traffic signal modifications, drainage pipe and drainage inlet relocations, culvert extensions and relocations, 41 power pole relocations, and 10 irrigation and water facility relocations. The power poles along Hueneme Road are located within County ROW; however, coordination and preplanning would be needed with Southern California Edison (SCE) to relocate the poles prior to widening the roadway. It is anticipated that SCE would install the poles using auger drilling. Additionally, Frontier Communications (Telecommunications) are located on the SCE overhead poles and have underground lines along Hueneme Road. Sempra Utilities (Gas Company) has gas transmission mains along Hueneme Road near Edison Drive; the existing gas main may be impacted where drainage and/or water facilities are relocated. Signal pole relocations would require ground disturbance at a maximum depth of 16 feet. The Project would not include the relocation of any water lines, recycled water lines, or sewer mains.

The Project may include minor work related to 23 driveways located within the Project area; this work would be limited to conforming the driveway to the new roadway configuration. Construction would be staged to provide continuous access to each private parcel at all times. In addition, at least one lane would be open to provide continuous access for vehicles

through the Project area and no detours to adjacent roadways would be required. Due to traffic volumes in the area, night work is anticipated to avoid traffic impacts during construction. Construction of the Project is anticipated to take place over a 12-month period, between approximately Summer 2030 and Summer 2031.

The proposed improvements would require ROW and temporary construction easements (TCE). The Project would require permanent ROW of approximately 9.3 acres from 30 properties. This would include approximately 4.7 acres of Farmland of Statewide Importance, 4.5 acres of Prime Farmland, and 0.13 acres of Urban and Built-Up Land and Other Land. Additionally, the Project would require TCE from 3.73 acres of Farmland of Statewide Importance, 3.53 acres of Prime Farmland, and 0.14 acres of Urban and Built-Up Land and Other Land. The total area of disturbance would be approximately 7.8 acres.

Permanent ROW acquisition required to complete the Project would include sliver takes from parcels adjacent to the Project area; no full acquisitions are anticipated. The roadway widening would require removal of four buildings, including one fruit stand, one auxiliary building, one residence, and one garage. The location of this residence to be removed is depicted in Figure 5-1. Vegetation removal would be required to accommodate the widening, and approximately 329 eucalyptus trees would also need to be removed. Tree removal would result in a vertical ground disturbance of approximately 2 feet below existing grade; a stump grinder would be used to remove the trunk and roots.

Project regional location and Project location are depicted in Figures 2-1 and 2-2, respectively. Project limits are depicted in Figures 2-3 and 2-4.

2.2. No-Build Alternative

The No-Build Alternative would not include any construction or result in changes to existing conditions; the existing roadway would remain the same, and there would be no improvements to traffic or vehicle/pedestrian safety. The No-Build Alternative would not address the purpose and need of the Project and serves mainly as a baseline to compare with the Build Alternative.

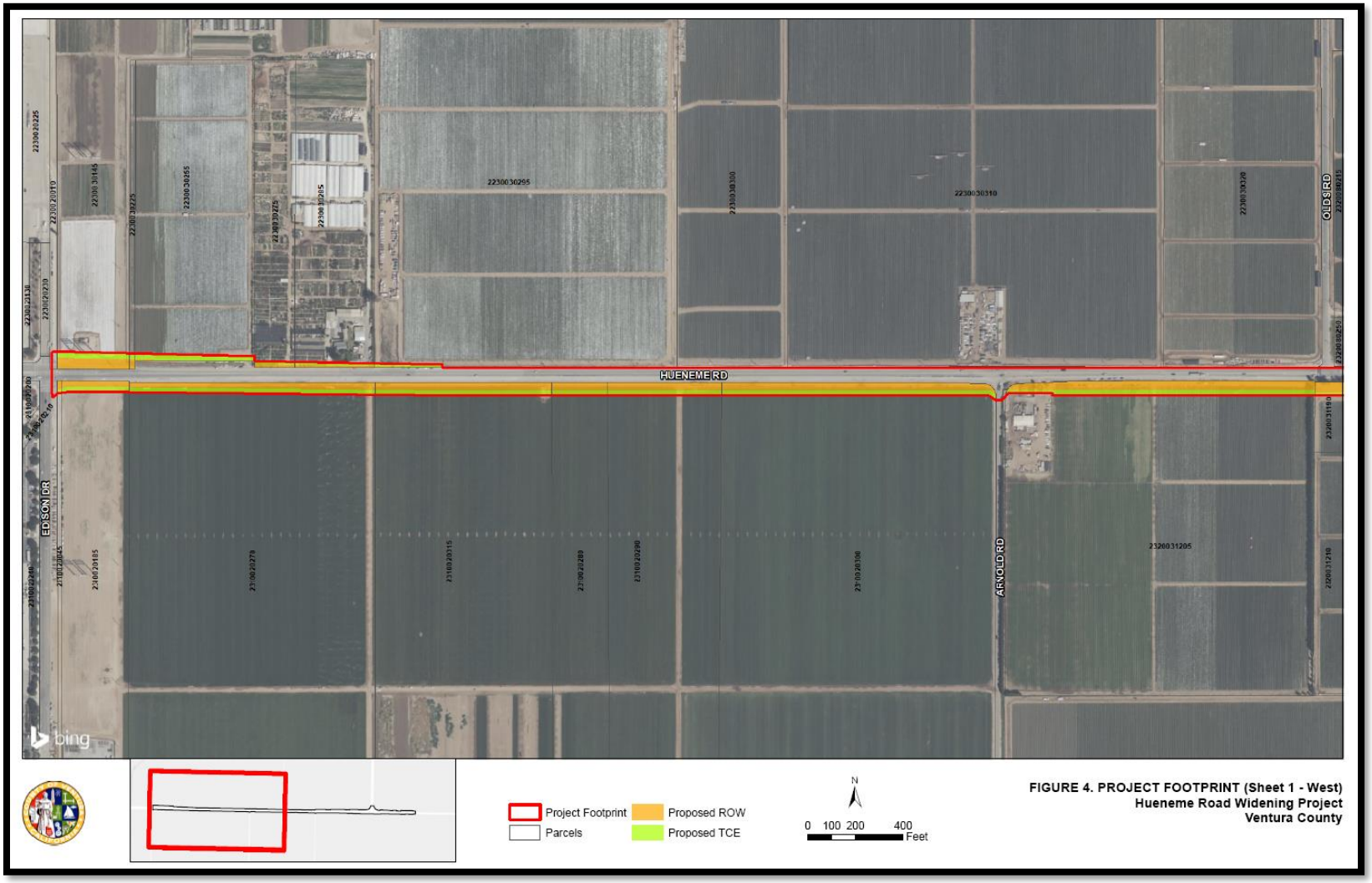
Figure 2-1. Project Regional Location

Not to scale. Locations are approximate.

Figure 2-2. Project Location

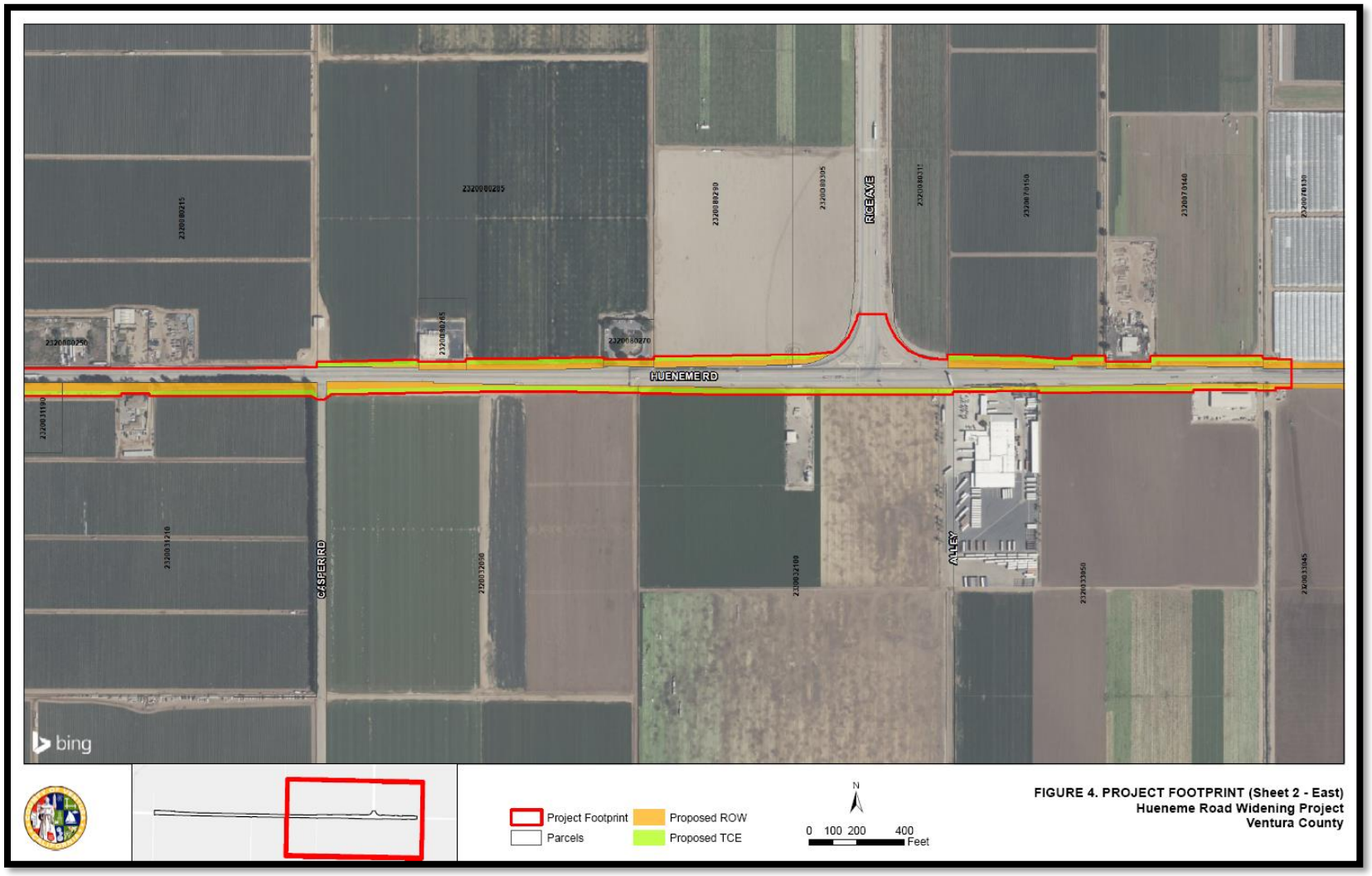
Not to scale. Locations are approximate.

Figure 2-3. Project Limits West



Not to scale. Locations are approximate.

Figure 2-4. Project Limits East



Not to scale. Locations are approximate.

Chapter 3. Fundamentals of Traffic Noise

The following is a brief discussion of fundamental traffic noise concepts. For a detailed discussion, please refer to Caltrans' Technical Noise Supplement (TeNS) (Caltrans 2013), a technical supplement to the Protocol that is available on Caltrans Website (http://www.dot.ca.gov/hq/env/noise/pub/TeNS_Sept_2013B.pdf).

3.1. Sound, Noise, and Acoustics

Sound can be described as the mechanical energy of a vibrating object transmitted by pressure waves through a liquid or gaseous medium (e.g., air) to a hearing organ, such as a human ear. Noise is defined as loud, unexpected, or annoying sound.

In the science of acoustics, the fundamental model consists of a sound (or noise) source, a receptor, and the propagation path between the two. The loudness of the noise source and obstructions or atmospheric factors affecting the propagation path to the receptor determine the sound level and characteristics of the noise perceived by the receptor. The field of acoustics deals primarily with the propagation and control of sound.

3.2. Frequency

Continuous sound can be described by frequency (pitch) and amplitude (loudness). A low-frequency sound is perceived as low in pitch. Frequency is expressed in terms of cycles per second, or Hertz (Hz) (e.g., a frequency of 250 cycles per second is referred to as 250 Hz). High frequencies are sometimes more conveniently expressed in kilohertz (kHz), or thousands of Hertz. The audible frequency range for humans is generally between 20 Hz and 20,000 Hz.

3.3. Sound Pressure Levels and Decibels

The amplitude of pressure waves generated by a sound source determines the loudness of that source. Sound pressure amplitude is measured in micro-pascals (mPa). One mPa is approximately one hundred billionths (0.00000000001) of normal atmospheric pressure. Sound pressure amplitudes for different kinds of noise environments can range from less than 100 to 100,000,000 mPa. Because of this huge range of values, sound is rarely expressed in terms of mPa. Instead, a logarithmic scale is used to describe sound pressure level (SPL) in terms of decibels (dB). The threshold of hearing for young people is about 0 dB, which corresponds to 20 mPa.

3.4. Addition of Decibels

Because decibels are logarithmic units, SPL cannot be added or subtracted through ordinary arithmetic. Under the decibel scale, a doubling of sound energy corresponds to a 3 dB increase. In other words, when two identical sources are each producing sound of the same loudness, the resulting sound level at a given distance would be 3 dB higher than one source under the same conditions. For example, if one automobile produces an SPL of 70 dB when it passes an observer, two cars passing simultaneously would not produce 140 dB — rather, they would combine to produce 73 dB. Under the decibel scale, three sources of equal loudness together produce a sound level 5 dB louder than one source.

3.5. A-Weighted Decibels

The decibel scale alone does not adequately characterize how humans perceive noise. The dominant frequencies of a sound have a substantial effect on the human response to that sound. Although the intensity (energy per unit area) of the sound is a purely physical quantity, the loudness or human response is determined by the characteristics of the human ear.

Human hearing is limited in the range of audible frequencies as well as in the way it perceives the SPL in that range. In general, people are most sensitive to the frequency range of 1,000 to 8,000 Hz and perceive sounds within that range better than sounds of the same amplitude in higher or lower frequencies. To approximate the response of the human ear, sound levels of individual frequency bands are weighted, depending on the human sensitivity to those frequencies. Then, an “A-weighted” sound level (expressed in units of dBA) can be computed based on this information.

The A-weighting network approximates the frequency response of the average young ear when listening to most ordinary sounds. When people make judgments of the relative loudness or annoyance of a sound, their judgments correlate well with the A-scale sound levels of those sounds. Other weighting networks have been devised to address high noise levels or other special problems (e.g., B-, C-, and D-scales), but these scales are rarely used in conjunction with highway-traffic noise. Noise levels for traffic noise reports are typically reported in terms of A-weighted decibels or dBA. Table 3-1 describes typical A-weighted noise levels for various noise sources.

Table 3-1. Typical A-Weighted Noise Levels

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
	— 110 —	Rock band
Jet fly-over at 1000 feet		
	— 100 —	
Gas lawn mower at 3 feet		
	— 90 —	
Diesel truck at 50 feet at 50 mph		Food blender at 3 feet
	— 80 —	Garbage disposal at 3 feet
Noisy urban area, daytime		
Gas lawn mower, 100 feet	**— 70 —**	Vacuum cleaner at 10 feet
Commercial area		Normal speech at 3 feet
Heavy traffic at 300 feet	**— 60 —**	
		Large business office
Quiet urban daytime	**— 50 —**	Dishwasher next room
Quiet urban nighttime	**— 40 —**	Theater, large conference room (background)
Quiet suburban nighttime		
	— 30 —	Library
Quiet rural nighttime		Bedroom at night, concert hall (background)
	— 20 —	
		Broadcast/recording studio
	— 10 —	
Lowest threshold of human hearing	**— 0 —**	Lowest threshold of human hearing

Source: Caltrans 2013.

3.6. Human Response to Changes in Noise Levels

As discussed above, doubling sound energy results in a 3 dB increase in sound. However, given a sound level change measured with precise instrumentation, the subjective human perception of a doubling of loudness will usually be different than what is measured.

Under controlled conditions in an acoustical laboratory, the trained, healthy human ear is able to discern 1 dB changes in sound levels, when exposed to steady, single-frequency ("pure-tone") signals in the midfrequency (1,000 Hz to 8,000 Hz) range. In typical noisy environments, changes in noise of 1 to 2 dB are generally not perceptible. However, it is widely accepted that people are able to begin to detect sound level increases of 3 dB in typical noisy environments. Further, a 5 dB increase is generally perceived as a distinctly noticeable increase, and a 10 dB increase is generally perceived as a doubling of loudness. Therefore, a doubling of sound energy (e.g., doubling the volume of traffic on a highway) that would result in a 3 dB increase in sound, would generally be perceived as barely detectable.

3.7. Noise Descriptors

Noise in our daily environment fluctuates over time. Some fluctuations are minor, but some are substantial. Some noise levels occur in regular patterns, but others are random. Some noise levels fluctuate rapidly, but others slowly. Some noise levels vary widely, but others are relatively constant. Various noise descriptors have been developed to describe time-varying noise levels. The following are the noise descriptors most commonly used in traffic noise analysis.

- **Equivalent Sound Level (L_{eq}):** L_{eq} represents an average of the sound energy occurring over a specified period. In effect, L_{eq} is the steady-state sound level containing the same acoustical energy as the time-varying sound that occurs during the same period. The 1-hour A-weighted equivalent sound level (L_{eq}[h]) is the energy average of A-weighted sound levels occurring during a 1-hour period and is the basis for noise abatement criteria (NAC) used by Caltrans and FHWA.
- **Percentile-Exceeded Sound Level (L_{xx}):** L_{xx} represents the sound level exceeded for a given percentage of a specified period (e.g., L_{10} is the sound level exceeded 10 percent of the time, and L_{90} is the sound level exceeded 90 percent of the time).
- **Maximum Sound Level (L_{max}):** L_{max} is the highest instantaneous sound level measured during a specified period.
- **Day-Night Level (L_{dn}):** L_{dn} is the energy average of A-weighted sound levels occurring over a 24-hour period, with a 10-dB penalty applied to A-weighted sound levels occurring during nighttime hours between 10:00 p.m. and 7:00 a.m.
- **Community Noise Equivalent Level (CNEL):** Similar to L_{dn}, CNEL is the energy average of the A-weighted sound levels occurring over a 24-hour period, with a 10-dB penalty applied to A-weighted sound levels occurring during the nighttime hours between 10:00 p.m. and 7:00 a.m., and a 5-dB penalty applied to the A-weighted sound levels occurring during evening hours between 7:00 p.m. and 10:00 p.m.

3.8. Sound Propagation

When sound propagates over a distance, it changes in level and frequency content. The manner in which noise reduces with distance depends on the following factors.

3.9. Geometric Spreading

Sound from a localized source (i.e., a point source) propagates uniformly outward in a spherical pattern. The sound level attenuates (or decreases) at a rate of 6 dB for each

doubling of distance from a point source. Highways consist of several localized noise sources on a defined path and hence can be treated as a line source, which approximates the effect of several point sources. Noise from a line source propagates outward in a cylindrical pattern, often referred to as cylindrical spreading. Sound levels attenuate at a rate of 3 dB for each doubling of distance from a line source.

3.9.1. Ground Absorption

The propagation path of noise from a highway to a receptor is usually very close to the ground. Noise attenuation from ground absorption and reflective-wave canceling add to the attenuation associated with geometric spreading. Traditionally, the excess attenuation has also been expressed in terms of attenuation per doubling of distance. This approximation is usually sufficiently accurate for distances of less than 200 feet. For acoustically hard sites (i.e., sites with a reflective surface between the source and the receptor, such as a parking lot or body of water), no excess ground attenuation is assumed. For acoustically absorptive or soft sites (i.e., those sites with an absorptive ground surface between the source and the receptor, such as soft dirt, grass, or scattered bushes and trees), an excess ground-attenuation value of 1.5 dB per doubling of distance is normally assumed. When added to the cylindrical spreading, the excess ground attenuation results in an overall drop-off rate of 4.5 dB per doubling of distance.

3.9.2. Atmospheric Effects

Receptors located downwind from a source can be exposed to increased noise levels relative to calm conditions, whereas locations upwind can have lowered noise levels. Sound levels can be increased at large distances (e.g., more than 500 feet) from the highway due to atmospheric temperature inversion (i.e., increasing temperature with elevation). Other factors such as air temperature, humidity, and turbulence can also have significant effects.

3.9.3. Shielding by Natural or Human-Made Features

A large object or barrier in the path between a noise source and a receptor can substantially attenuate noise levels at the receptor. The amount of attenuation provided by shielding depends on the size of the object and the frequency content of the noise source. Natural terrain features (e.g., hills and dense woods) and human-made features (e.g., buildings and walls) can substantially reduce noise levels. Walls are often constructed between a source and a receptor specifically to reduce noise. A barrier that breaks the line of sight between a source and a receptor will typically result in at least 5 dB of noise reduction. Taller barriers provide increased noise reduction. Vegetation between the highway and the receptor is rarely effective in reducing noise because it does not create a solid barrier.

Chapter 4. Federal Regulations and State Policies

This report focuses on the requirements of 23 CFR 772, as discussed below.

4.1. Federal Regulations

4.1.1. 23 CFR 772

23 CFR 772 provides procedures for preparing operational and construction noise studies and evaluating noise abatement considered for federal and Federal-aid highway projects. Under 23 CFR 772.7, projects are categorized as Type I, Type II, or Type III projects.

FHWA defines a Type I project as a proposed federal or federal-aid highway project for the construction of a highway on a new location or the physical alteration of an existing highway which significantly changes either the horizontal or vertical alignment of the highway. The following projects are also considered to be Type I projects:

- The addition of a through-traffic lane(s). This includes the addition of a through-traffic lane that functions as a high-occupancy vehicle (HOV) lane, high-occupancy toll (HOT) lane, bus lane, or truck climbing lane,
- The addition of an auxiliary lane, except for when the auxiliary lane is a turn lane,
- The addition or relocation of interchange lanes or ramps added to a quadrant to complete an existing partial interchange,
- Restriping existing pavement for the purpose of adding a through traffic lane or an auxiliary lane,
- The addition of a new or substantial alteration of a weigh station, rest stop, ride-share lot, or toll plaza.

If a project is determined to be a Type I project under this definition, the entire project area as defined in the environmental document is a Type I project.

A Type II project is a noise barrier retrofit project that involves no changes to highway capacity or alignment. A Type III project is a project that does not meet the classifications of Type I or Type II project. Type III projects do not require a noise analysis.

Under 23 CFR 772.11, noise abatement must be considered for Type I projects if the project is predicted to result in a traffic noise impact. In such cases, 23 CFR 772 requires that the project sponsor “consider” noise abatement before adoption of the final NEPA document. This process involves identification of noise abatement measures that are reasonable,

feasible, and likely to be incorporated into the project, and of noise impacts for which no apparent solution is available. This Project is categorized as a Type I project.

Traffic noise impacts, as defined in 23 CFR 772.5, occur when the predicted noise level in the design-year approaches or exceeds the NAC specified in 23 CFR 772, or a predicted noise level substantially exceeds the existing noise level (a "substantial" noise increase) with project implementation. 23 CFR 772 does not specifically define the terms "substantial increase" or "approach"; these criteria are defined in the Protocol, as described below.

Table 4-1 summarizes NAC corresponding to various land use activity categories. Activity categories and related traffic noise impacts are determined based on the actual or permitted land use in a given area.

4.1.2. Protocol

The Protocol specifies the policies, procedures, and practices to be used by agencies that sponsor new construction or reconstruction of federal or Federal-aid highway projects (Caltrans 2020). The Protocol defines a noise increase as substantial when the predicted noise levels with project implementation exceed existing noise levels by 12 dBA or more. The Protocol also states that a noise level is considered to approach NAC level when the noise level is within 1 dB of the NAC identified in 23 CFR 772 (e.g., 66 dBA is considered to approach the NAC of 67 dBA, but 65 dBA is not).

The TeNs provides detailed technical guidance for the evaluation of highway traffic noise (Caltrans 2013). This includes field measurement methods, noise modeling methods, and report preparation guidance.

Table 4-1. Activity Categories and Noise Abatement Criteria (23 CFR 772)

Activity Category	Activity L_{eq}[h][1]	Evaluation Location	Description of Activities
A	57	Exterior	Lands on which serenity and quiet are of extraordinary significance and serve an important public need and where the preservation of those qualities is essential if the area is to continue to serve its intended purpose.
B[2]	67	Exterior	Residential.
C[2]	67	Exterior	Active sport areas, amphitheaters, auditoriums, campgrounds, cemeteries, day care centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, recreation areas, Section 4(f) sites, schools, television studios, trails, and trail crossings.
D	52	Interior	Auditoriums, day care centers, hospitals, libraries, medical facilities, places of worship, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, schools, and television studios.
E	72	Exterior	Hotels, motels, offices, restaurants/bars, and other developed lands, properties, or activities not included in A–D or F.
F			Agriculture, airports, bus yards, emergency services, industrial, logging, maintenance facilities, manufacturing, mining, rail yards, retail facilities, shipyards, utilities (water resources, water treatment, electrical), and warehousing.
G			Undeveloped lands that are not permitted.

1. The L_{eq}(h) activity criteria values are for impact determination only and are not design standards for noise abatement measures. All values are A-weighted decibels (dBA).
2. Includes undeveloped lands permitted for this activity category.

4.2. State Regulations and Policies

4.2.1. CEQA

Noise analysis under CEQA may be required regardless of whether or not the project is a Type I project. The CEQA noise analysis is completely independent of the 23 CFR 772 analysis done for NEPA. Under CEQA, the baseline noise level is compared to the build noise level. The assessment entails looking at the setting of the noise impact and then how large or perceptible any noise increase would be in the given area. Key considerations include: the uniqueness of the setting, the sensitive nature of the noise receptors, the magnitude of the noise increase, the number of residences affected, and the absolute noise level.

The significance of noise impacts under CEQA are addressed in the environmental document rather than the NSR. Even though the NSR (or noise technical memorandum) does not

specifically evaluate the significance of noise impacts under CEQA, it must contain the technical information that is needed to make that determination in the environmental document.

4.2.2. Section 216 of the California Streets and Highways Code

Section 216 of the California Streets and Highways Code relates to the noise effects of a proposed freeway project on public and private elementary and secondary schools. Under this code, a noise impact occurs if, as a result of a proposed freeway project, noise levels exceed 52 dBA L_{eq}(h) in the interior of public or private elementary or secondary classrooms, libraries, multipurpose rooms, or spaces. This requirement does not replace the "approach or exceed" NAC criterion for FHWA Activity Category E for classroom interiors, but it is a requirement that must be addressed in addition to the requirements of 23 CFR 772.

If a project results in a noise impact under this code, noise abatement must be provided to reduce classroom noise to a level that is at or below 52 dBA L_{eq}(h). If the noise levels generated from freeway and roadway sources exceed 52 dBA L_{eq}(h) prior to the construction of the proposed freeway project, then noise abatement must be provided to reduce the noise to the level that existed prior to construction of the project.

Chapter 5. Study Methods and Procedures

5.1. Methods for Identifying Land Uses and Selecting Noise Measurement and Modeling Receiver Locations

A field investigation was conducted to identify land uses that could be subject to traffic and construction noise impacts from the Project. Existing land uses in the Project area were categorized by land use type and activity category as defined in Table 4-1, and the extent of frequent human use. As stated in the Protocol, noise abatement is only considered where frequent human use occurs and where a lowered noise level would be of benefit. Although all land uses are evaluated in this analysis, the focus is on locations of frequent human use that would benefit from a lowered noise level. Accordingly, this impact analysis focuses on locations with defined outdoor activity areas, such as residential backyards. The geometry of the Project relative to nearby existing and land uses was also identified.

Short-term measurement locations were selected to represent each major developed area within the Project area. Two long-term measurement sites were selected to capture the diurnal traffic noise level pattern in the Project area. Several other non-measurement locations were selected as modeling locations.

The noise measurement sites were selected taking into consideration the following general site requirements:

1. Sites were acoustically representative of areas and conditions of interest. They were located at areas of human use.
2. Sites were clear of major obstructions between source and receiver. Microphone positions were more than 10 feet away from reflecting surfaces.
3. Sites were free of noise contamination by sources other than those of interest. Sites were not located near barking dogs, lawn mowers, pool pumps, air conditioners, etc.
4. Sites were not exposed to prevailing meteorological conditions that are beyond the constraints discussed in the TeNs.

5.2. Field Measurement Procedures

A field noise study was conducted in accordance with recommended procedures in TeNS. The following is a summary of the procedures used to collect short-term and long-term noise level data.

5.2.1. Short-Term Measurements

Short-term (ST) measurements were conducted at five locations (ST1-ST5) on Tuesday, March 19, 2024. Noise measurements were conducted using Larson Davis Model LxT Precision Type 1 noise level meters. The calibration of the meters was checked before and after the measurement using a Larson Davis Model CAL 200 calibrator and a Larson Davis CA250 Calibrator. Measurements were taken over a 10-minute period at each site. Short-term measurements were conducted at Activity Categories B, E, and F land uses. Short-term measurement locations are identified in Figures 5-1 through 5-3.

In addition to the above measurements, a short-term background noise measurement was also conducted to determine noise levels within the surrounding community, excluding traffic noise generated by Project roadways. Background noise levels are routinely measured to determine the feasibility of noise abatement and to ensure that noise reduction goals can be achieved. Noise abatement cannot reduce traffic noise levels to below background noise levels. Based on the measurements conducted, community background noise was approximately 50.2 dBA L_{eq}(h). These levels are lower than noise levels on Hueneme Road used for calibration of the noise model by 10 dB, or more. As a result, background noise levels would not significantly contribute to predicted noise levels at modeled receiver locations evaluated for this Project. Short-term, long-term, and background noise measurement locations and measurement data have been included in Appendix C.

During the short-term measurements, field staff attended each meter. L_{eq} values during the measurement period were collected and logged manually. Dominant noise sources observed were also identified and logged. Temperature, wind speed, and humidity were recorded manually during the short-term measurement session using a Kestrel Model 5500 weather meter. During the short-term measurements, wind speeds typically ranged from 2 to 7 miles per hour (mph). Temperatures ranged from 17 to 18°C (63 to 65°F), with relative humidity typically 66 to 72 percent.

Traffic on Hueneme Road was classified and counted during ST noise measurements, where feasible. Vehicles were classified as automobiles, medium-duty trucks, heavy-duty trucks, buses, and motorcycles. An automobile was defined as a vehicle with two axles and four tires that are designed primarily to carry passengers. Small vans and light trucks were included in this category. Medium-duty trucks included all cargo vehicles with two axles and six tires. Heavy-duty trucks included all vehicles with three or more axles. Vehicle speeds were measured using radar and driving a vehicle through the Project area at the prevailing speed. The posted speed limit on Hueneme Road was 55 mph.

Figure 5-1. Monitoring Positions, Modeling Positions, and Land Uses, Sheet 1 of 3

Not to scale. Locations are approximate.

Figure 5-2. Monitoring Positions, Modeling Positions, and Land Uses, Sheet 2 of 3

Not to scale. Locations are approximate.

Figure 5-3. Monitoring Positions, Modeling Positions, and Land Uses, Sheet 3 of 3

Not to scale. Locations are approximate.

5.2.2. Long-Term Measurements

Long-term (LT) measurement was conducted at locations LT1 and LT2 using a SoftdB Piccolo II Type 2 Integrating and Datalogger noise level meter (refer to Figures 5-1 through 5-3). The purpose of this measurement was to identify variations in noise levels throughout the day. The long-term noise level data was collected over 24-hour periods at both locations.

5.3. Traffic Noise Levels Prediction Methods

Traffic noise levels were predicted using the FHWA Traffic Noise Model Version 2.5 (TNM 2.5). TNM 2.5 is a computer model based on two FHWA reports: FHWA-PD-96-009 and FHWA-PD-96-010 (FHWA 1998a, 1998b). Key inputs to the traffic noise model were the locations of roadways, traffic mix, and speed, shielding features (e.g., topography and buildings), noise barriers, ground type, and receptors. Three-dimensional representations of these inputs were developed using CAD drawings, aerials, and topographic contours provided by the Project engineer.

Traffic noise was evaluated under existing conditions (2023) and design-year (2050) with and without the Project for the loudest hour of the day. The loudest hour is generally characterized by free-flowing traffic at the highway design speed (i.e., LOS C or better). The loudest hour noise level measured during long-term measurements occurred during the A.M. hours of 7:00 and 8:00. The long-term measured noise levels for the loudest hours coincided with the peak traffic hour period of 6:00 to 9:00 identified in the traffic report prepared for this Project (Kimley Horn 2023). Therefore, A.M. peak hour traffic volumes were used in the model Tables A-1, A-2, and A-3 in Appendix A summarize the traffic volumes and assumptions used for modeling existing and design-year conditions with and without the Project alternative.

To validate the accuracy of the model calculations, TNM 2.5 was used to compare measured traffic noise levels to modeled noise levels at field measurement locations. Traffic volumes counted during the short-term measurement periods were normalized to 1-hour volumes. These normalized volumes were assigned to the corresponding Project area roadways to simulate the noise source strength at the roadways during the actual measurement period. Modeled and measured noise levels were then compared to determine the accuracy of the model and if additional adjustment of the model was necessary. Because the measured loudest hours coincided with peak traffic hours, no additional adjustments to modeled traffic noise levels were applied.

5.4. Methods for Identifying Traffic Noise Impacts and Consideration of Abatement

Traffic noise impacts are considered to occur at receptor locations where predicted design-year noise levels for the build scenario are 12 dB or more than existing noise levels, or where predicted design-year noise levels for the build scenario approach or exceed the NAC for the applicable activity category. Where traffic noise impacts are identified, noise abatement must be considered for reasonableness and feasibility as required by 23 CFR 772 and the Protocol.

According to the Protocol, abatement measures are considered acoustically feasible if a minimum noise reduction of 5 dB at impacted receptor locations is predicted with implementation of the abatement measures. In addition, barriers should be designed to intercept the line-of-sight from the exhaust stack of a truck to the first tier of receptors, as required by the *Highway Design Manual*, Chapter 1100. Other factors that affect feasibility include topography, access requirements for driveways and ramps, presence of local cross streets, utility conflicts, other noise sources in the area, and safety considerations.

The overall reasonableness of noise abatement is determined by the following three factors:

- The noise reduction design goal.
- The cost of noise abatement.
- The viewpoints of benefited receptors (including property owners and residents of the benefited receptors).

The Caltrans' acoustical design goal is that a barrier must be predicted to provide at least 7 dB of noise reduction at one benefited receptor. This design goal applies to any receptor and is not limited to impacted receptors.

The Protocol defines the procedure for assessing reasonableness of noise barriers from a cost perspective. Based on 2023 construction costs an allowance of $146,000 is provided for each benefited receptor (i.e., receptors that receive at least 5 dB of noise reduction from a noise barrier). The total allowance for each barrier is calculated by multiplying the number of benefited receptors by $146,000. If the estimated construction cost of a barrier is less than the total calculated allowance for the barrier, the barrier is considered reasonable from a cost perspective. The viewpoints of benefits receptors are determined by a survey that is typically conducted after completion of the NSR. The process for conducting the survey is described in detail In the Protocol.

The NSR identifies traffic noise impacts and evaluates noise abatement for acoustical feasibility. It also reports information that will be used in the reasonableness analysis including if the 7 dB design goal reduction in noise can be achieved and the abatement allowances. The NSR does not make any conclusions regarding reasonableness. The feasibility and reasonableness of noise abatement are reported in the Noise Abatement Decision Report.

Chapter 6. Existing Noise Environment

6.1. Existing Land Uses

A field investigation was conducted to identify land uses that could be subject to traffic and construction noise impacts from the Project. The following land uses were identified in the Project area:

- Residential Dwelling (Activity Category B)
- Commercial Office (Activity Category E)
- Agriculture, Utility, Warehouse (Activity Category F)

Land uses near the Project site are depicted in Figures 5-1 through 5-3. The Project site is generally flat. Although all developed land uses are addressed under the Protocol, noise abatement is only considered for areas of frequent human use that would benefit from a lowered noise level. Accordingly, this impact analysis focuses on locations with defined outdoor activity areas, such as residential backyards (Activity Category B), and outdoor activity areas at commercial buildings (Activity Category E). Category F land uses were also included for informational purposes.

Activity Category B (Residential Land uses)

Activity Category B land uses in the Project area include residential uses. Residential land uses are identified as Modeled Receptor 1 (MR-1) and MR-6 (Refer to Figures 5-1 through 5-3). The NAC for Activity Category B land uses is an exterior threshold of 67 dB Leq(h). No sound barriers or topographical shielding occur between Hueneme Road and land uses in this category.

Activity Category E (Commercial Office Land Uses)

Activity Category E land uses in the Project area include commercial office land uses. Commercial office land uses in the Project area are identified as MR-7 and MR-9 (Refer to Figures 5-1 through 5-3). The NAC for Activity Category E is an exterior threshold of 72 dB Leq(h). No sound barriers or topographical shielding occur between Hueneme Road and land uses in this category.

Activity Category F (Agriculture, Utility Warehouse Land Uses)

Activity Category F land uses in the Project area include agriculture, utility, and warehouse land uses. These land uses are identified as MR-2, MR-3, MR-4, MR-8, MR-10, MR-11, MR-12, and MR-1. Activity Category F does not include a NAC. No sound barriers or topographical shielding occur between Hueneme Road and receivers in this category.

6.2. Noise Measurement Results

The existing noise environment in the Project area is characterized below based on the short- and long-term noise measurements conducted.

6.2.1. Short-Term Noise Measurements

Table 6-1 summarizes the results of the ST noise measurements conducted in the Project area (Refer to Figures 5-1 through 5-3 for noise measurement locations).

Table 6-1. Summary of Short-Term Noise Measurements

Position	Location	Measurement Dates	Start Time & End Time	Measured $L_{eq}(h)$, dBA
ST-1	Hueneme Road, west of Arnold Avenue, east of Edison north side of road ~26 ft from the road centerline	3/19/2024	5:39	79.5
			5:50	
ST-2	Hueneme Road, west of Olds Road, east of Arnold north side of road ~28 ft from the road centerline	3/19/2024	5:22	78.4
			5:33	
ST-3	Hueneme Road, west of Rice Avenue, east of Casper Road north side of road ~30 ft from the road centerline	3/19/2024	5:06	77.9
			5:17	
ST-4	Hueneme Road, east of Rice Avenue, south side of road ~27 ft from the road centerline	3/19/2024	10:43	74.2
			10:53	
ST-5	Hueneme Road, east of Rice Avenue, north side of road ~28 ft from the road centerline	3/19/2024	10:20	75.9
			10:35	

6.2.2. Long-Term Noise Measurements

Two LT noise measurements were conducted over a 24-hour period beginning on March 19th. Noise measurement location LT1 was located on Hueneme Road east of Olds Road west of Casper Road. The measurement was located on the south side of the road approximately 29 feet from the Hueneme Road centerline (refer to Figures 5-1 through 5-3). Noise measurement location LT2 was located on Hueneme Road east of Rice Ave west of Nauman Road on the north side of the road (Refer to Figures 5-1 through 5-3). The loudest average-hourly noise levels measured at LT1 and LT2 occurred during the hours of 7:00 a.m. and 8:00 a.m., respectively. The loudest measured average-hourly noise levels coincided with the AM peak traffic hours of 6:00 a.m. to 9:00 a.m., identified in the traffic report prepared for this project (Kimley Horn 2023).

Long-Term Noise Measurement 1

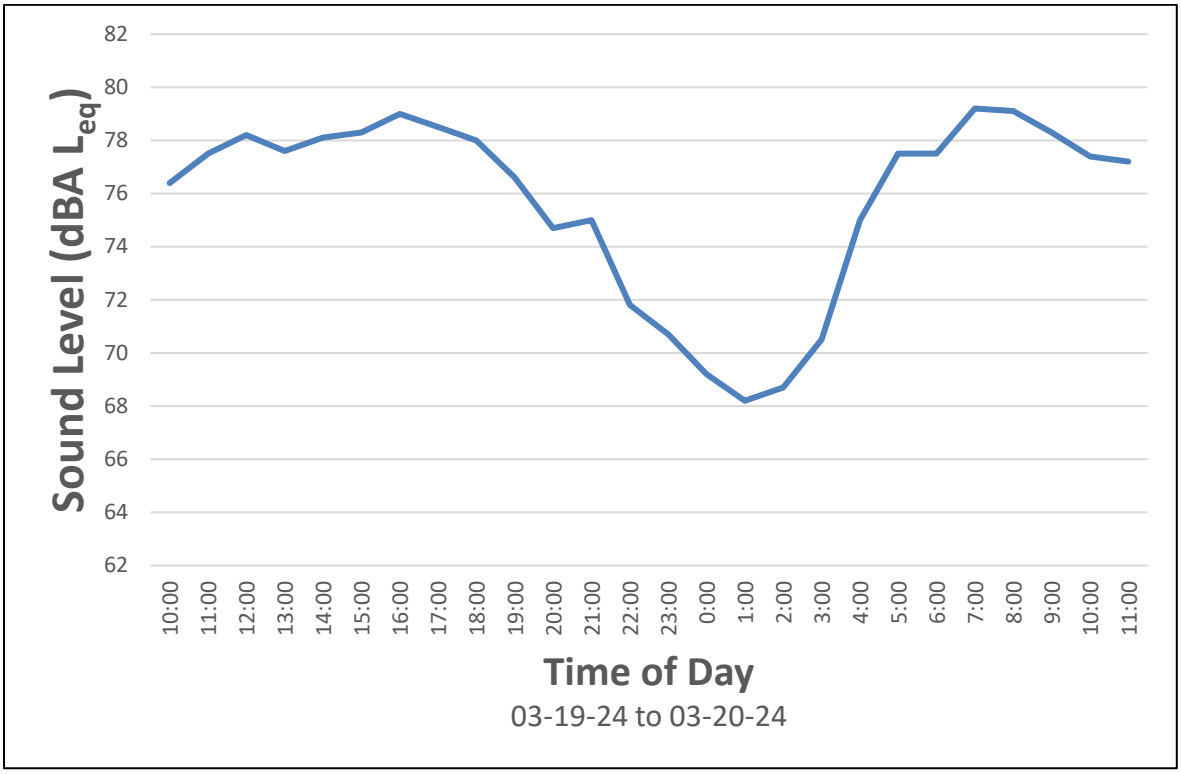
The loudest average-hourly noise level measured at LT1 was 79.2 dBA L_{eq}(h) which occurred between 7:00 and 8:00 a.m. Table 6-2 and Figure 6-1 summarize the noise measurement results obtained at LT1.

Table 6-2. Summary of Long-Term Measurement at Location LT1

Hour Beginning	Average (dBA L_{eq}[h])	Difference from Loudest Hour (dB)
10:00	76.4	-2.8
11:00	77.5	-1.7
12:00	78.2	-1
13:00	77.6	-1.6
14:00	78.1	-1.1
15:00	78.3	-0.9
16:00	79.0	-0.2
17:00	78.5	-0.7
18:00	78.0	-1.2
19:00	76.6	-2.6
20:00	74.7	-4.5
21:00	75.0	-4.2
22:00	71.8	-7.4
23:00	70.7	-8.5
0:00	69.2	-10
1:00	68.2	-11
2:00	68.7	-10.5
3:00	70.5	-8.7
4:00	75.0	-4.2
5:00	77.5	-1.7
6:00	77.5	-1.7
7:00	**79.2**	0
8:00	79.1	-0.1
9:00	78.3	-0.9
10:00	77.4	-1.8

Note: Based on measurements conducted on March 19-20, 2024. The worst noise hour noise level is bolded.
dBA Leq(h) = A-weighted decibels hourly equivalent noise level; dB = decibels

Figure 6-1. Long-Term Measurement at Location LT1, March 19–20, 2024



Long-Term Noise Measurement 2

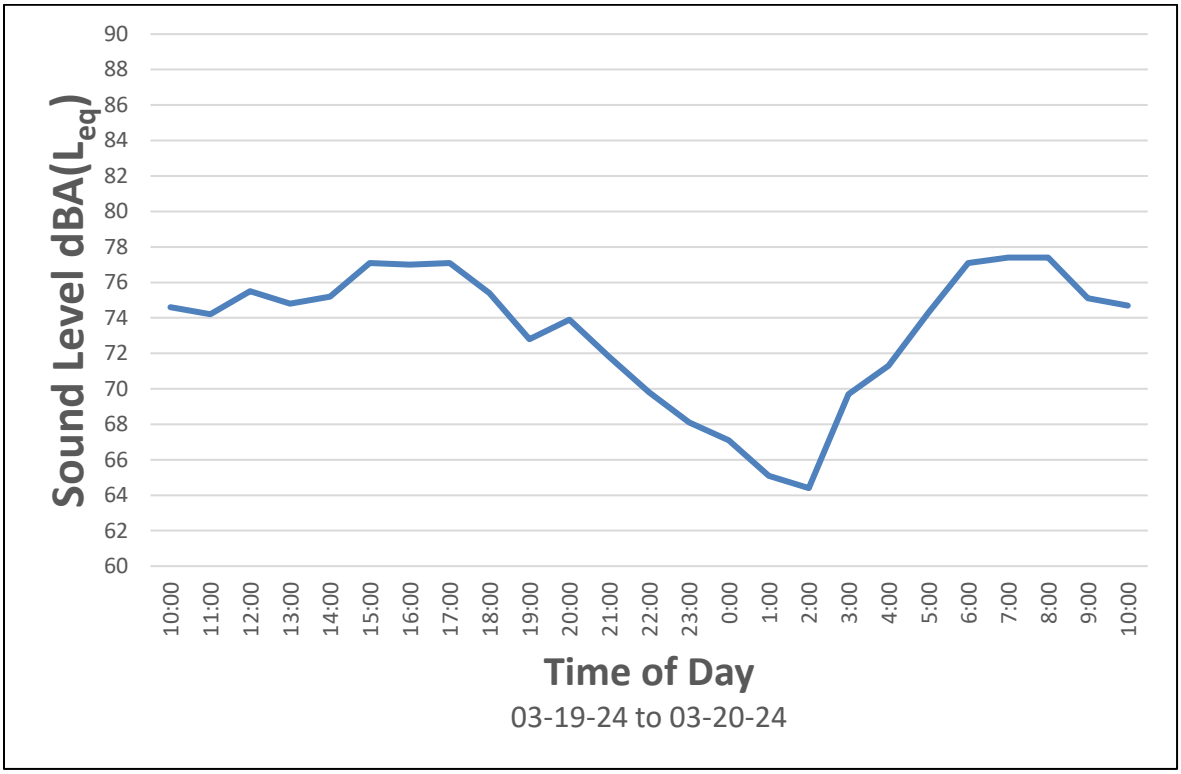
The loudest average-hourly noise level measured was 77.4 dBA L_{eq}(h) which occurred between 8:00 a.m. and 9:00 a.m. Table 6-3 and Figure 6-2 summarize the noise measurement results obtained at LT2.

Table 6-3. Summary of Long-Term Measurement at Location LT2

Hour Beginning	Average (dBA L_{eq}[h])	Difference from Loudest Hour (dB)
10:00	74.6	-2.8
11:00	74.2	-3.2
12:00	75.5	-1.9
13:00	74.8	-2.6
14:00	75.2	-2.2
15:00	74.8	-2.6
16:00	77.1	-0.3
17:00	77.0	-0.4
18:00	77.1	-0.3
19:00	75.4	-2
20:00	72.8	-4.6
21:00	73.9	-3.5
22:00	71.8	-5.6
23:00	69.8	-7.6
0:00	68.1	-9.3
1:00	67.1	-10.3
2:00	65.1	-12.3
3:00	64.4	-13
4:00	69.7	-7.7
5:00	71.3	-6.1
6:00	74.3	-3.1
7:00	77.1	-0.3
8:00	**77.4**	0
9:00	75.1	-2.3
10:00	74.7	-2.7

Note: Based on measurements conducted on March 19-20, 2024. The worst noise hour noise level is bolded. dBA Leq(h) = A-weighted decibels hourly equivalent noise level; dB = decibels

Figure 6-2. Long-Term Measurement at Location LT2, March 19–20, 2024



6.2.3. Traffic Noise Model Calibration

TNM 2.5 was used to compare measured traffic noise levels to modeled noise levels at field measurement locations. Table 6-4 compares measured and modeled noise levels at each calibration measurement location. The predicted noise levels are within 2 dB of the measured noise levels and are, therefore, considered to be in reasonable agreement with the measured noise levels. Therefore, no further adjustment of the model was necessary.

Table 6-4. Comparison of Measured to Modeled Noise Levels in the TNM Model

Measurement Position	Measured Noise Level (dBA)	Modeled Noise Level (dBA)	Measured Minus Modeled (dB)
ST-2	78.4	76.7	1.7
ST-3	77.9	76.3	1.6
ST-4	74.2	74.2	0.0

Chapter 7. Future Noise Environment, Impacts, and Considered Abatement

7.1. Future Noise Environment and Impacts

Table B-1 in Appendix B summarizes the traffic noise modeling results for existing conditions and design-year 2050 conditions with (Build) and without (No-Build) the Project. Predicted design-year 2050 traffic noise levels under the Build conditions are compared to existing conditions and to design-year 2050 conditions under the No-Build Alternative. The comparison to existing conditions is included in the analysis to identify traffic noise impacts as defined under 23 CFR 772. The comparison to the No-Build conditions indicates the direct effect of the Project.

As stated in the TeNS, modeling results are rounded to the nearest decibel before comparisons are made. In some cases, this can result in relative changes that may not appear intuitive. An example would be a comparison between calculated noise levels of 64.4 and 64.5 dBA. The difference between these two values is 0.1 dB. However, after rounding, the difference is reported as 1 dB.

Table B-1 in Appendix B presents existing, design year 2050 with and without Project noise levels at each receptor. Traffic noise modeling results in Appendix B indicate the following:

Activity Category B (Residential Land uses)

Modeled receivers in Activity Category B include residential land uses MR-1 and MR-6, both residential homes are located on the north side of Hueneme Road. Access to these land uses is provided via Hueneme Road. As per the Traffic Noise Protocol, receivers were placed at the primary outdoor use area of each dwelling unit. The traffic noise modeling results in Table B-1 indicate that design-year 2050 noise levels with the Project are predicted to be in the range of 64 to 66 dBA L_{eq}(h) at residences in Activity Category B. Predicted noise levels in the design-year 2050 with the Project are predicted to approach the NAC of 67 dBA L_{eq}(h) at modeled receiver MR-1. As a result, noise abatement must be considered for modeled receiver MR-1.

Activity Category E (Commercial Office Land Uses)

Modeled receivers in Activity Category E include commercial office land uses MR-7 and MR-9. As per the Traffic Noise Protocol, MR-7 was placed in the rear courtyard. No defined outdoor activity area was identified at MR-9. In accordance with the noise protocol, a receiver was placed within the property no closer than 100 feet from the edge of the outside traffic lane in the area that best represents the highest expected noise level. The traffic noise

modeling results in Table B-1 indicate that design-year 2050 noise levels with the Project are predicted to be 66 dBA L_{eq}(h) at MR-7 and 65 dBA L_{eq}(h) at MR-9. Predicted noise levels in the design-year 2050 are not predicted to approach or exceed the NAC of 72 dBA L_{eq}(h) or result in a substantial increase in noise at these land uses. No traffic noise impacts are predicted at Activity Category E land uses.

Activity Category F (Agriculture, Utility Warehouse Land Uses)

Modeled receivers in Activity Category F consist primarily of agricultural storage/ maintenance facilities, as well as a utility building and warehouse. As per the Traffic Noise Protocol, receivers for Category F land uses were placed within their property no closer than 100 feet from the edge of the outside traffic lane in the area that best represents the highest expected noise level. The traffic noise modeling results in Table B-1 indicate that design-year 2050 noise levels with the Project are predicted to range from 63 to 67 dBA L_{eq}(h) at land uses in Activity Category F. There is no NAC for Activity Category F land uses. In addition, the proposed Project would not result in a substantial increase in noise at these land uses. No traffic noise impacts are predicted at Activity Category F land uses.

7.2. Preliminary Noise Abatement Analysis

Noise abatement is considered where noise impacts are predicted in areas of frequent human use that would benefit from a lowered noise level. According to 23 CFR 772(13)(c) and 772(15)(c), federal funding may be used for the following abatement measures:

- Construction of noise barriers, including acquisition of property rights, either within or outside the highway ROW.
- Traffic management measures including, but not limited to, traffic control devices and signing for prohibition of certain vehicle types, time-use restrictions for certain vehicle types, modified speed limits, and exclusive lane designations.
- Alteration of horizontal and vertical alignments.
- Acquisition of real property or interests therein (predominantly unimproved property) to serve as a buffer zone to preempt development which would be adversely impacted by traffic noise.
- Noise insulation of Activity Category D land use facilities listed in Table 4-1. Post-installation maintenance and operational costs for noise insulation are not eligible for Federal-aid funding.

For any noise barrier to be considered reasonable from a cost perspective, the estimated cost of the noise barrier should be equal to or less than the total cost allowance calculated for the barrier. The cost calculations of the noise barrier must include all items appropriate and

necessary for the construction of the barrier, such as traffic control, drainage modification, retaining walls, landscaping for graffiti abatement, and ROW costs. Construction cost estimates are not provided in this NSR but are presented in the noise abatement decision report (NADR). The NADR is a design responsibility and is prepared to compile information from the NSR, other relevant environmental studies, and design considerations into a single, comprehensive document. The NADR is prepared by the Project engineer after completion of the NSR and prior to Project approval. The NADR includes noise abatement construction cost estimates that have been prepared and signed by the Project engineer based on site-specific conditions. Construction cost estimates are compared to reasonableness allowances in the NADR to identify which wall configurations are reasonable from a cost perspective.

The following is a discussion of noise abatement considered for each activity category where traffic noise impacts are predicted.

7.2.1. Activity Category B (Residential Land uses)

In comparison to future design year 2050 no-project conditions, implementation of the proposed project would not result in a substantial increase in traffic noise levels at Activity Category B land uses. However, under future design-year 2050 with project conditions, predicted noise levels at the residential land use represented by receiver MR-1 would be 66 dBA L_{eq}(h), which would approach within 1 dBA of the NAC of 67 dBA L_{eq}(h). As a result, noise abatement must be considered for this residential land use. Access to this residential land use is provided via driveways connecting to Hueneme Road. A noise barrier placed between this residential land use and Hueneme Road would prevent access to the site. As a result, noise abatement for this residential land uses is deemed infeasible.

7.2.2. Activity Category E (Commercial Office Land Uses)

Predicted noise levels in the design-year 2050 with the Project are not predicted to approach or exceed the NAC of 72 dBA L_{eq}(h) or result in a substantial increase in noise at Activity Category E land uses. No traffic noise impacts are predicted for Activity Category E land uses within the Project area. Accordingly, noise abatement does not need to be considered for Activity Category E.

7.2.3. Activity Category F (Agriculture, Utility Warehouse Land Uses)

There is no NAC for Activity Category F land uses. In addition, the proposed Project would not result in a substantial increase in noise at these land uses. No traffic noise impacts are predicted for Activity Category F land uses within the Project area. Accordingly, noise abatement does not need to be considered for Activity Category F.

Chapter 8. Construction Noise

During the construction of the Project, noise from construction activities may intermittently dominate the noise environment in the immediate area of construction. Noise associated with construction is controlled by Caltrans Standard Specification Section 14-8.02, "Noise Control," which states the following:

- Do not exceed 86 dBA L_{max} at 50 feet from the job site activities from 9:00 PM to 6:00 AM.
- Equip an internal combustion engine with the manufacturer-recommended muffler. Do not operate an internal combustion engine on the job site without the appropriate muffler.

Table 8-1 summarizes typical noise levels produced by construction equipment that is commonly used on roadway construction Projects. Construction equipment is expected to generate noise levels ranging from 80 to 101 dB at a distance of 50 feet, and noise produced by construction equipment would be reduced over distance at a rate of about 6 dB per doubling of distance.

Table 8-1. Typical Construction Equipment Noise Levels

Equipment	Maximum Noise Level (dBA at 50 feet)
Scrapers	89
Bulldozers	85
Heavy Trucks	88
Backhoe	80
Pneumatic Tools	85
Vibratory Pile Driver	101
Concrete Pump	82
Source: Federal Transit Administration, 2018.	

No adverse noise impacts from construction are anticipated because construction would be conducted in accordance with Caltrans Standard Specifications Section 14.8-02. Construction noise would be short-term, intermittent, and overshadowed by local traffic noise.

Chapter 9. References

Caltrans. 2020. *Traffic Noise Analysis Protocol for New Highway Construction, Reconstruction, and Retrofit Barrier Projects*. Sacramento, CA. Available at website url: https://dot.ca.gov.

———. 2013. *Technical Noise Supplement*. Sacramento, CA: Environmental Program, Noise, Air Quality, and Hazardous Waste Management Office. Sacramento, CA. Available at website url: https://dot.ca.gov/programs/environmentalanalysis/ noise-vibration.

County of Ventura. January 2021. *Preliminary Environmental Study (PES) HIPL-5952(215)*.

Federal Highway Administration. 2011. *Highway Traffic Noise: Analysis and Abatement Guidance*. Washington D.C. FHWA-HEP-10-025. Available at website url: http://www.fhwa.dot.gov/environment/noise/regulations_and_guidance/analysis_and_abatement_guidance/revguidance.pdf.

———. 1998a. *FHWA Traffic Noise Model, Version 1.0 User's Guide*. FHWA-PD-96-009. Washington D.C.

———. 1998b. *FHWA Traffic Noise Model, Version 2.5*. FHWA-PD-96-010. Washington D.C.

Federal Transit Administration. 2018. *Transit Noise and Vibration Impact Assessment*. (DOT-T-95-16.) Office of Planning, Washington, DC. Prepared by Harris Miller Miller & Hanson, Inc. Burlington, MA.

Kimley Horn. 2023. *Hueneme Road Widening Project Traffic Impact Study*.

Appendix A Traffic Data

This appendix contains tables presenting the traffic data for existing conditions, design-year conditions without the Project, and design-year conditions with the Project.

Table A-1. Traffic Data for Existing Conditions

East Bound Roadway Segments	No. of Lanes	Total Volume AM-Peak Hour	Automobiles		Medium-Duty Trucks		Heavy-Duty Trucks		Buses		Motorcycles		Speed (mph)
			%	Volume	%	Volume	%	Volume	%	Volume	%	Volume	
Hueneme Rd., West of Edison Dr.	1	735	88.7%	652	1.2%	9	7.2%	53	0.0%	0	2.9%	21	55
Hueneme Rd., Edison to Arnold Rd.	1	691	88.7%	613	1.2%	8	7.2%	50	0.0%	0	2.9%	20	55
Hueneme Rd., Arnold Rd. to Olds Rd.	1	703	88.7%	624	1.2%	8	7.2%	51	0.0%	0	2.9%	20	55
Hueneme Rd., Olds Rd. to Casper Rd.	1	684	88.7%	607	1.2%	8	7.2%	49	0.0%	0	2.9%	20	55
Hueneme Rd., Casper Rd. to Rice Ave.	1	684	88.7%	607	1.2%	8	7.2%	49	0.0%	0	2.9%	20	55
Hueneme Rd., East of Rice Ave.	1	574	91.6%	526	1.2%	7	7.2%	41	0.0%	0	0.0%	0	55
West Bound Roadway Segments	**No. of Lanes**	**Total Volume AM-Peak Hour**	**Automobiles**		**Medium-Duty Trucks**		**Heavy-Duty Trucks**		**Buses**		**Motorcycles**		**Speed (mph)**
			%	Volume	%	Volume	%	Volume	%	Volume	%	Volume	
Hueneme Rd., West of Edison Dr.	1	471	88.7%	418	1.2%	5	7.2%	34	0.0%	0	2.9%	14	55
Hueneme Rd., Edison Dr. to Arnold Rd.	1	494	88.7%	438	1.2%	6	7.2%	36	0.0%	0	2.9%	14	55
Hueneme Rd., Arnold Rd. to Olds Rd.	1	502	88.7%	445	1.2%	6	7.2%	36	0.0%	0	2.9%	15	55
Hueneme Rd., Olds Rd. to Casper Rd.	1	493	88.7%	437	1.2%	6	7.2%	35	0.0%	0	2.9%	14	55
Hueneme Rd., Casper Rd. to Rice Ave.	1	503	91.6%	461	1.2%	6	7.2%	36	0.0%	0	0.0%	0	55
Hueneme Rd., East of Rice Ave.	1	417	91.6%	382	1.2%	5	7.2%	30	0.0%	0	0.0%	0	55

Traffic volumes based on AM peak-hour conditions. Based on traffic data derived from the traffic analysis prepared for this project (Kimley Horn 2023).

Table A-2. Traffic Data for Design Year 2050 Conditions - Without Project

East Bound Roadway Segments	No. of Lanes	Total Volume AM-Peak Hour	Automobiles		Medium-Duty Trucks		Heavy-Duty Trucks		Buses		Motorcycles		Speed (mph)
			%	Volume	%	Volume	%	Volume	%	Volume	%	Volume	
Hueneme Rd., West of Edison Dr.	1	776	88.7%	689	1.2%	9	7.2%	56	0.0%	0	2.9%	23	55
Hueneme Rd., Edison to Arnold Rd.	1	750	88.7%	666	1.2%	9	7.2%	54	0.0%	0	2.9%	22	55
Hueneme Rd., Arnold Rd. to Olds Rd.	1	733	88.7%	650	1.2%	9	7.2%	53	0.0%	0	2.9%	21	55
Hueneme Rd., Olds Rd. to Casper Rd.	1	746	88.7%	662	1.2%	9	7.2%	54	0.0%	0	2.9%	22	55
Hueneme Rd., Casper Rd. to Rice Ave.	1	793	88.7%	704	1.2%	9	7.2%	57	0.0%	0	2.9%	23	55
Hueneme Rd., East of Rice Ave.	1	615	91.6%	564	1.2%	7	7.2%	44	0.0%	0	0.0%	0	55
West Bound Roadway Segments	**No. of Lanes**	**Total Volume AM-Peak Hour**	**Automobiles**		**Medium-Duty Trucks**		**Heavy-Duty Trucks**		**Buses**		**Motorcycles**		**Speed (mph)**
			%	**Volume**	**%**	**Volume**	**%**	**Volume**	**%**	**Volume**	**%**	**Volume**	
Hueneme Rd., West of Edison Dr.	1	471	88.7%	418	1.2%	5	7.2%	34	0.0%	0	2.9%	14	55
Hueneme Rd., Edison Dr. to Arnold Rd.	1	495	88.7%	439	1.2%	6	7.2%	36	0.0%	0	2.9%	14	55
Hueneme Rd., Arnold Rd. to Olds Rd.	1	502	88.7%	445	1.2%	6	7.2%	36	0.0%	0	2.9%	15	55
Hueneme Rd., Olds Rd. to Casper Rd.	1	505	88.7%	448	1.2%	6	7.2%	36	0.0%	0	2.9%	15	55
Hueneme Rd., Casper Rd. to Rice Ave.	1	608	91.6%	557	1.2%	7	7.2%	44	0.0%	0	0.0%	0	55
Hueneme Rd., East of Rice Ave.	1	560	91.6%	513	1.2%	6	7.2%	40	0.0%	0	0.0%	0	55

Traffic volumes based on AM peak-hour conditions. Based on traffic data derived from the traffic analysis prepared for this project (Kimley Horn 2023).

Table A-3. Traffic Data for Design Year 2050 Conditions – With Project

East Bound Roadway Segments	No. of Lanes	Total Volume AM-Peak Hour	Automobiles		Medium-Duty Trucks		Heavy-Duty Trucks		Buses		Motorcycles		Speed (mph)
			%	Volume	%	Volume	%	Volume	%	Volume	%	Volume	
Hueneme Rd., West of Edison Dr.	2	817	88.7%	725	1.2%	9	7.2%	59	0.0%	0	2.9%	24	55
Hueneme Rd., Edison to Arnold Rd.	2	773	88.7%	686	1.2%	9	7.2%	56	0.0%	0	2.9%	22	55
Hueneme Rd., Arnold Rd. to Olds Rd.	2	792	88.7%	703	1.2%	9	7.2%	57	0.0%	0	2.9%	23	55
Hueneme Rd., Olds Rd. to Casper Rd.	2	789	88.7%	700	1.2%	9	7.2%	57	0.0%	0	2.9%	23	55
Hueneme Rd., Casper Rd. to Rice Ave.	2	836	88.7%	742	1.2%	10	7.2%	60	0.0%	0	2.9%	24	55
Hueneme Rd., East of Rice Ave.	2	658	91.6%	603	1.2%	8	7.2%	47	0.0%	0	0.0%	0	55
West Bound Roadway Segments	**No. of Lanes**	**Total Volume AM-Peak Hour**	**Automobiles**		**Medium-Duty Trucks**		**Heavy-Duty Trucks**		**Buses**		**Motorcycles**		**Speed (mph)**
			%	Volume	%	Volume	%	Volume	%	Volume	%	Volume	
Hueneme Rd., West of Edison Dr.	2	472	88.7%	419	1.2%	5	7.2%	34	0.0%	0	2.9%	14	55
Hueneme Rd., Edison Dr. to Arnold Rd.	2	496	88.7%	440	1.2%	6	7.2%	36	0.0%	0	2.9%	14	55
Hueneme Rd., Arnold Rd. to Olds Rd.	2	504	88.7%	447	1.2%	6	7.2%	36	0.0%	0	2.9%	15	55
Hueneme Rd., Olds Rd. to Casper Rd.	2	506	88.7%	449	1.2%	6	7.2%	36	0.0%	0	2.9%	15	55
Hueneme Rd., Casper Rd. to Rice Ave.	2	615	91.6%	564	1.2%	7	7.2%	44	0.0%	0	0.0%	0	55
Hueneme Rd., East of Rice Ave.	2	567	91.6%	520	1.2%	7	7.2%	41	0.0%	0	0.0%	0	55

Traffic volumes based on AM peak-hour conditions. Based on traffic data derived from the traffic analysis prepared for this project (Kimley Horn 2023).

Appendix B Predicted Future Noise Levels and Noise Barrier Analysis

Table B-1. Predicted Design Year 2050 Noise and Barrier Analysis

Receptor I.D.	Barrier I.D.	Land Use	Number of Benefited Receptors	Parcel Number	Hueneme Road Widening Project Worst-Hour Modeled Noise Levels - $L_{eq}(h)$, dBA							Noise Prediction with Barrier, Barrier Insertion Loss (I.L.), and Number of Benefited Receptors (NBR)																	
												6 feet			8 feet			10 feet			12 feet			14 feet			16 feet		
					Existing Noise Level $L_{eq}(h)$, dBA	Design Year Noise Level without Project $L_{eq}(h)$, dBA	Design Year Noise Level with Project $L_{eq}(h)$, dBA	Design Year Noise Level Without Project Minus Existing Conditions	Design Year Noise Level With Project Minus No Project Conditions $L_{eq}(h)$, dBA	Activity Category (NAC)	Impact Type[1]	$L_{eq}(h)$	I.L.	NBR	$L_{eq}(h)$	I.L.	NBR	$L_{eq}(h)$	I.L.	NBR	$L_{eq}(h)$	I.L.	NBR	$L_{eq}(h)$	I.L.	NBR	$L_{eq}(h)$	I.L.	NBR
MR-1	-	Residential	1	223003028	67	67	66	0	-1	B(67)	A/E[1]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MR-2	-	Agriculture (Maintenance/ Storage)	1	223003028	67	67	66	0	-1	F(-)	None	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MR-3	-	Agriculture (Maintenance/ Storage)	1	223003031	66	66	66	0	0	F(-)	None	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MR-4	-	Agriculture (Maintenance/ Storage)	1	232003120	62	63	65	1	2	F(-)	None	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MR-5	-	Maintenance	1	232008025	67	67	66	0	-1	F(-)	None	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MR-6	-	Residential	1	232008021	65	65	64	0	-1	B(67)	None	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MR-7	-	Commercial (Office)	1	232003121	63	63	66	0	3	E(72)	None	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MR-8	-	Utility	1	232008026	66	67	67	1	0	F(-)	None	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MR-9	-	Commercial (Office)	1	232008027	63	64	65	1	1	E(72)	None	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MR-10	-	Agriculture (Maintenance/ Storage)	1	232003210	63	64	65	1	1	F(-)	None	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MR-11	-	Warehouse	1	232003305	61	61	63	0	2	F(-)	None	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MR-12	-	Agriculture (Maintenance/ Storage)	1	232007014	63	64	65	1	1	F(-)	None	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MR-13		Agriculture (Maintenance/ Storage)	1	232003305	63	64	66	1	2	F(-)	None																		

Notes: All NAC are exterior unless noted. Traffic noise impacts are considered to occur when predicted design-year noise levels for build conditions are 12 dB, or more, than existing noise levels, or where predicted design-year noise levels for build conditions approach or exceed the noise-abatement criteria (NAC) for the applicable activity category. A/E=Approach/Exceeds NAC.

1. *Noise abatement considered infeasible due to site access restrictions.*

Appendix C Supplemental Data

NOISE MEASUREMENT SURVEY FORM

SHEET	1	OF	1

DATE:	3/19/2024
PROJECT:	HUENEME RD WIDENING
MONITORING STAFF:	KURT LEGLEITER

Not to scale. Locations are approximate.

NOISE MEASUREMENT CONDITIONS & EQUIPMENT

MET CONDITIONS & MONITORING EQUIPMENT:	TEMP: 63-65 F. | HUMIDITY: 66-68% | WIND SPEED: 2-5 MPH | GROUND: DRY			
	D COVER BY CLASS (OC=OVERCAST):	3	(1. HEAVY OC, 2. LIGHT OC, 3. SUNNY, 4. CLEAR NIGHT, 5. OC NIGHT)	
	MET. METER:	KESTREL 2500		
NOISE MONITORING EQUIPMENT:	LARSON DAVIS SLM MODEL:	PICCOLO TYPE II (LT), LD LXT TYPE 1 (ST)		
	CALIBRATOR:	REED		
NOISE MONITORING SETUP:	WITHIN 10 FT OF REFLECTIVE SURFACE?:	NO	MICROPHONE HEIGHT AGL (FT):	5
	CALIBRATED PRIOR TO AND UPON COMPLETION OF MEASUREMENTS:	YES	METER SETTINGS: A-WHT	SLOW

NOISE & TRAFFIC MEASUREMENTS

MEASUREMENT		DURATION			MEASURED NOISE LEVELS		
LOCATION	DATE/TIME	(Minutes)	MEASUREMENT LOCATION	PRIMARY NOISE SOURCES NOTED	LEQ		
2 - LT	3/19-3/20	LT	HUENEME RD, EAST OF RICE AVE., NORTH SIDE OF ROAD~29 FT FROM RD CENTERLINE	VEHICLE TRAFFIC ON HUENEME RD. PRIMARY	REFER TO LONG-TERM MONITORING SHEETS		
1 - ST	3/19; 10:20	15	HUENEME RD, EAST OF RICE AVE., NORTH SIDE OF ROAD~28 FT FROM RD CENTERLINE	VEHICLE TRAFFIC ON HUENEME RD. PRIMARY, TRUCKS HITTING RUMBLE STRIPS	75.9		
2 - ST	3/19; 10:43	10	HUENEME RD, EAST OF RICE AVE., SOUTH SIDE OF ROAD~27 FT FROM RD CENTERLINE	VEHICLE TRAFFIC ON HUENEME RD. PRIMARY	74.2		
3 - ST	3/19; 11:00	10	HUENEME RD, EAST OF RICE AVE., SOUTH SIDE OF ROAD~25 FT FROM RD CENTERLINE	VEHICLE TRAFFIC ON HUENEME RD. PRIMARY, TRACTORS IN ADJACENT FIELD BACKGROUND	76.1		

AMBIENT
AIR QUALITY & NOISE CONSULTING

NOISE MEASUREMENT SURVEY FORM

SHEET	2	OF	3

DATE:	3/19/2024
PROJECT:	HUENEME RD WIDENING
MONITORING STAFF:	KURT LEGLEITER

SITE PHOTO(S): (Refer to data sheet for noise measurement locations)

MEASUREMENT LOCATION 1	MEASUREMENT LOCATION 2
MEASUREMENT LOCATION 3	

AMBIENT
AIR QUALITY & NOISE CONSULTING

NOISE MEASUREMENT SURVEY FORM

SHEET	1	OF	3

DATE:	3/19/2024
PROJECT:	HUENEME RD WIDENING
MONITORING STAFF:	Dylan Mick

NOISE MEASUREMENT CONDITIONS & EQUIPMENT

MET CONDITIONS & MONITORING EQUIPMENT:	TEMP: 63-65 F. | HUMIDITY: 66-72% | WIND SPEED: 2-5 MPH | GROUND: DRY			
	D COVER BY CLASS (OC=OVERCAST):	3	(1. HEAVY OC, 2. LIGHT OC, 3. SUNNY, 4. CLEAR NIGHT, 5. OC NIGHT)	
	MET. METER:	KESTREL 2500		
NOISE MONITORING EQUIPMENT:	LARSON DAVIS SLM MODEL:	PICCOLO TYPE II (LT), LD LXT TYPE 1 (ST)		
	CALIBRATOR:	CAL 200		
NOISE MONITORING SETUP:	WITHIN 10 FT OF REFLECTIVE SURFACE?:	NO	MICROPHONE HEIGHT AGL (FT):	5
	CALIBRATED PRIOR TO AND UPON COMPLETION OF MEASUREMENTS:	YES	METER SETTINGS:	A-WHT SLOW

NOISE & TRAFFIC MEASUREMENTS

MEASUREMENT		DURATION			MEASURED NOISE LEVELS		
LOCATION	DATE/TIME	(Minutes)	MEASUREMENT LOCATION	PRIMARY NOISE SOURCES NOTED	LEQ		
1-LT	3/19-3/20	LT	HUENEME RD. EAST OF OLDS RD., WEST OF CASPER RD. SOUTH SIDE OF THE ROAD ~28 FT FROM RD CENTERLINE	VEHICLE TRAFFIC ON HUENEME RD. PRIMARY	REFER TO LONG-TERM MONITORING SHEETS		
BACKGROUND MEASUREMENT	3/19; 6:17	10	SOUTHLAND SOD DR. WEST OF CASPER RD EAST OF ARNOLD RD, NORTH SIDE OF THE ROAD	BIRDS IN DISTANCE	50.2		
1-ST	3/19; 5:06	10	HUENEME RD, RICE AVE., EAST OF CASPER RD. NORTH SIDE OF ROAD ~30 FT FROM RD CENTERLINE	VEHICLE TRAFFIC ON HUENEME RD. PRIMARY, BIRDS	77.9		
2-ST	3/19; 5:22	10	HUENEME RD, WEST OF OLDS RD., EAST OF ARNOLD NORTH SIDE OF ROAD ~28 FT FROM RD CENTERLINE	VEHICLE TRAFFIC ON HUENEME RD. PRIMARY	78.4		
3-ST	3/19; 5:39	10	HUENEME RD, WEST OF ARNOLD AVE., EAST OF EDISON NORTH SIDE OF ROAD ~26 FT FROM RD CENTERLINE	VEHICLE TRAFFIC ON HUENEME RD. PRIMARY, TRACTORS IN ADJACENT FIELD	79.5		

AMBIENT
AIR QUALITY & NOISE CONSULTING

NOISE MEASUREMENT SURVEY FORM

SHEET	2	OF	3

DATE:	3/19/2024
PROJECT:	HUENEME RD WIDENING
MONITORING STAFF:	Dylan Mick

SITE PHOTO(S): (Refer to data sheet for noise measurement locations)

MEASUREMENT LOCATION 1

MEASUREMENT LOCATION 2

MEASUREMENT LOCATION 3

Table C-1. Predicted Year 2030 Noise Levels With and Without the Project (For CEQA Purposes)

Receptor I.D.	Land Use	Number of Benefited Receptors	Parcel Number	Year 2030 Worst Hour Noise Levels - L_{eq}(h), dBA		
				Opening Year Noise Level without Project L_{eq}(h), dBA	Opening Year Noise Level with Project L_{eq}(h), dBA	Noise Level with Project minus noise Level without Project L_{eq}(h), dBA
MR-1	Residential	1	223003028	67	66	-1
MR-2	Agriculture (Maintenance/ Storage)	1	223003028	67	66	-1
MR-3	Agriculture (Maintenance/ Storage)	1	223003031	66	66	0
MR-4	Agriculture (Maintenance/ Storage)	1	232003120	62	65	3
MR-5	Maintenance	1	232008025	67	66	-1
MR-6	Residential	1	232008021	65	64	-1
MR-7	Commercial (Office)	1	232003121	63	66	3
MR-8	Utility	1	232008026	66	66	0
MR-9	Commercial (Office)	1	232008027	63	65	2
MR-10	Agriculture (Maintenance/ Storage)	1	232003210	63	65	2
MR-11	Warehouse	1	232003305	61	63	2
MR-12	Agriculture (Maintenance/ Storage)	1	232007014	63	65	2
MR-13	Agriculture (Maintenance/ Storage)	1	232003305	63	65	2

Note: All NAC are exterior unless noted.

Appendix I: Traffic Study Report

VEHICLE MILES TRAVELED ANALYSIS MEMORANDUM

To:	Erinn Silva, Principal Environmental Planner GPA Consulting
From:	Mehul Champaneri, PTP Kimley-Horn and Associates, Inc.
Date:	October 12, 2023
Subject:	Vehicle Miles Traveled Analysis in Support of Environmental Services Hueneme Road Widening Federal Project HIPL-5952(215)

INTRODUCTION

This technical memorandum documents the Vehicle Miles Traveled (VMT) analysis conducted for the proposed Hueneme Road Widening Phase I Project ("Project"), located in unincorporated Ventura County. With the passage of SB 743, VMT has become an important indicator for determining if a roadway capacity project will result in a "significant transportation impact" under the California Environmental Quality Act (CEQA). This memorandum summarizes the VMT analysis and resultant findings for the Project.

The VMT analysis was conducted in a manner consistent with the methodology and guidelines provided in the Transportation Analysis Framework (TAF) and Transportation Analysis under CEQA (TAC) documents (September 2020) prepared by Caltrans to evaluate transportation impacts of State Highway System projects. This memorandum also discusses the applicability of the VMT analysis process, based on the guidelines provided in the TAC and TAF documents, in evaluating transportation impacts of the Project.

PROJECT DESCRIPTION

The County of Ventura (County) proposes to widen an approximate 1.93-mile portion of Hueneme Road, between Edison Drive and Rice Avenue, from a 2-lane roadway to a 4-lane roadway with Class II buffered bike lanes, a paved median, and turn lanes. The Project would include four 12-foot through lanes (two in the eastbound direction and two westbound direction), a 14-foot paved median, two 6-foot bike lanes on either side of the roadway with a 2-foot buffer between the bicycle lanes and the traffic lanes, and two 4-foot shoulders on either side of Hueneme Road between Edison Drive and Rice Avenue. All existing left-turn lanes would be retained as part of the Project. The total width of the new roadway would vary between 63 to 72 feet. The widened roadway would taper to the existing configuration of one travel lane in each direction approximately 1,200 feet east of Rice Avenue. The Project vicinity is illustrated in **Figure 1**.

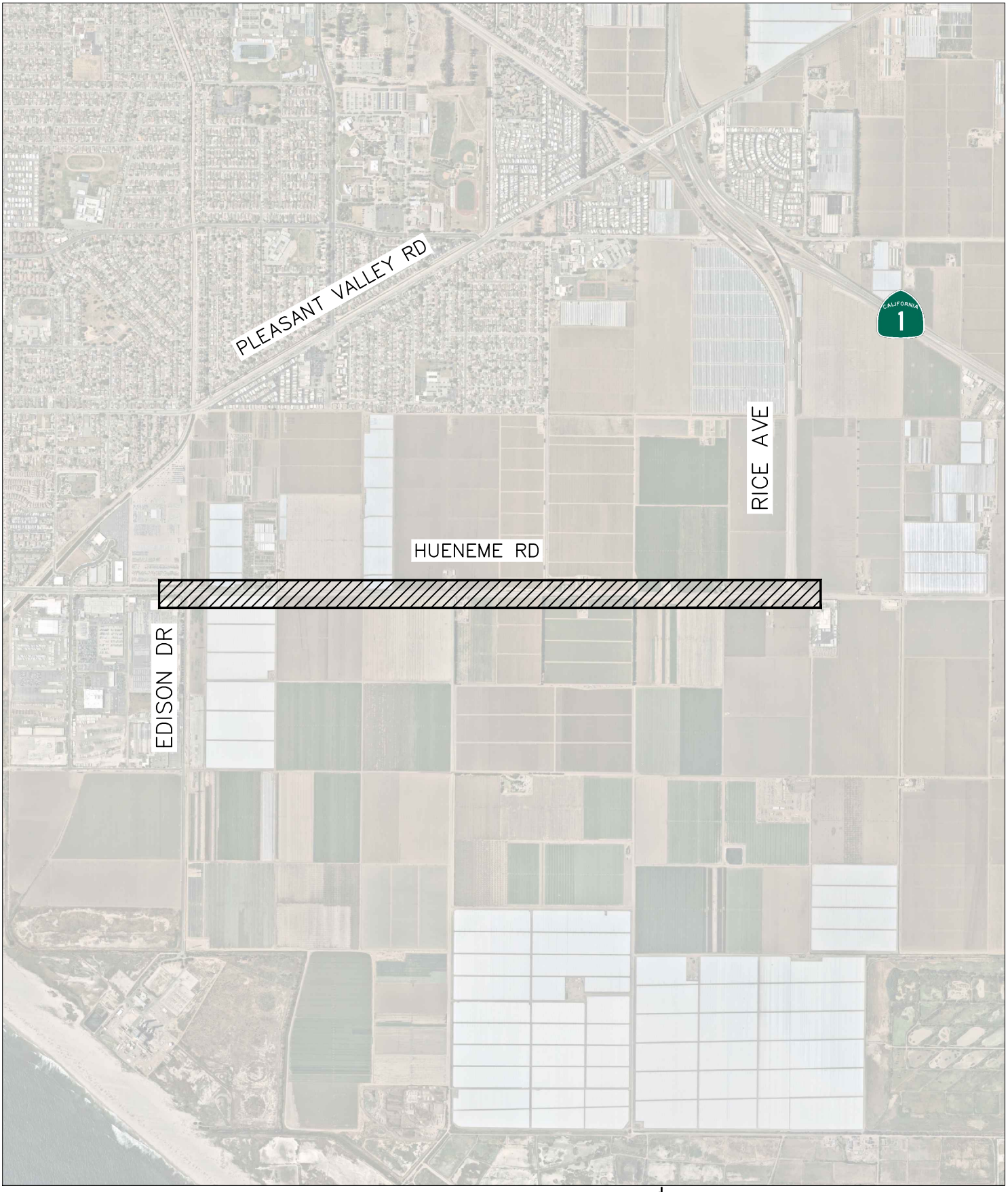


FIGURE 1
Project Vicinity
Hueneme Road Widening

LEGEND
Project Area

NORTH

SCALE: N.T.S.

Kimley»Horn

Hueneme Road is part of the National Highway System and is designated as the primary truck route between Highway 101 and the Port of Hueneme, also known as the Hueneme Road-Rice Avenue Corridor. Hueneme Road provides access to the Naval Base Ventura County and Port Hueneme. Hueneme Road experiences heavy traffic flows during peak hours with a large percentage consisting of trucks. The proposed improvements will improve vehicle and bicycle travel and safety on Hueneme Road, improve freight movement and increase regional connectivity between the coast and the City of Camarillo for drivers and bicycle riders.

CEQA GUIDANCE

The California Natural Resources Agency adopted new CEQA Guidelines consistent with SB 743 in December 2018, which went into effect in July 2020. The new CEQA Guidelines state in Section 15064.3 that, generally, VMT is the most appropriate measure of transportation impacts, not level of service (LOS). As a result of this regulatory change, a project's effect on automobile delay (LOS) no longer constitutes a significant environmental impact.

Caltrans prepared two documents in September 2020 to be consistent with the new CEQA Guidelines Section 15064.3, which are the TAC and TAF for transportation improvement projects as mentioned earlier. As per CEQA guidelines, transportation projects that reduce, or have no impact on VMT, should be presumed to cause a less-than-significant transportation impact. The TAF and TAC establish Caltrans guidance on how to analyze induced travel associated with transportation projects and how to determine impact significance under CEQA, respectively. As such, the Caltrans guidelines is applicable for freeways and Class 2 and 3 existing State Routes. The Project is not located on an existing Class 2 or 3 State Route, but the Caltrans documents were used as general guidelines. For roadway capacity projects on local roadways, lead agencies have the discretion to select their preferred metric consistent with CEQA expectations. This has traditionally been the case for projects analyzed under the National Environmental Policy Act as well.

CEQA requires analysis of project induced automobile travel that may be expected from roadway capacity projects. Here, the term "automobile" refers to on-road passenger vehicles, specifically cars and light trucks. Along with the net change in regional VMT due to route changes, the analysis also focused on the induced automobile demand that may be resulting from the additional roadway capacity added by the project.

INDUCED DEMAND OVERVIEW

As established by Caltrans and described in TAC and TAF, induced demand is the driving force behind VMT changes associated with roadway capacity expansion projects. The TAC document provides a detailed overview of this phenomena which is described below.

"Some projects have the potential to result in a significant transportation impact because they are likely to induce vehicle travel. Induced travel, or induced vehicle travel, is the 'Additional vehicle travel that occurs when the travel cost is lower,' after travel constraints, such as congestion, are reduced. It is the increase in travel that occurs when auto travel is made more convenient by new roadway capacity. The extent that this occurs due to new roadway capacity versus other variables such as the economy (wage changes, gas prices, parking prices) and population growth varies across the body of research, but in general, changes in travel times and costs affect demand and therefore VMT. For this reason, capacity-

increasing projects generally need to be evaluated for their potential induced travel. The mechanisms by which induced travel occur include:

- Route changes (may increase or decrease overall VMT)
- Mode shift to automobile use (increases overall VMT)
- Longer trips (increases overall VMT)
- More trips (increases overall VMT)
- Location and land use changes (increases overall VMT)

Induced travel can reduce the benefits of capacity expansion projects and increase VMT over time. While a project may reduce trip duration and increase travel speed on a short-term basis, this effect may be temporary as drivers may change their travel behavior in response to the newly expanded facility, particularly during peak periods of travel (work commutes). In the long run, an expanded facility may also facilitate land development around the project. Ultimately, induced demand can lead to more and longer trips, increasing VMT; thereby, reducing travel time benefits of capacity increasing projects. Short-term induced travel is caused by the immediate change in speeds and travel when a new roadway capacity expansion project is open to traffic (i.e., a Build compared to a No Build scenario). Long-term induced vehicle travel effects consider the influence on land use and growth patterns over time."[1]

VMT Analysis Methodology

The VMT analysis begins with initial screening of project type and determines whether the Project is likely to induce travel. The TAC section includes a list of projects that are not likely to lead to a measurable and substantial increase in VMT, and which therefore generally should not require an induced travel analysis. These project types included freeway ramp widening, local roadway widenings, roadway and highway safety enhancements, and projects to promote alternative modes of travel (e.g. carpool, bicycle travel, walking, etc.). The Project was compared with these project types and due to length (1.93-mile) of the roadway widening this Project is not screened out based on Project Type screening and would require an induced travel analysis.

The analysis of induced demand was limited to SB 743 analysis requirements for the Project. Short-term induced travel is caused by the immediate change in speeds and travel when a new roadway capacity expansion project is open to traffic (i.e., a Build scenario compared to a No Build scenario). Long-term induced vehicle travel effects consider the influence on land use and growth patterns over time. Short-term induced travel was evaluated using the travel demand model outputs comparing the net change in VMT due to the Project. Given the short distance of proposed lane addition on an Arterial roadway, the long-term induced travel was evaluated qualitatively based on anticipated growth along the Project corridor, as current travel demand models do not account for all long-term effects such as changes in trip generation and land use.

Travel Demand Model Review

Ventura County Transportation Commission (VCTC) develops and applies state-of-the-art models, integrated into a comprehensive modeling and forecasting framework to develop growth projections, travel forecasts, and emissions estimates to support the Region's various planning programs. VCTC

[1] Transportation Analysis under CEQA, Caltrans, September 2020

has developed a Ventura County travel demand model (VCTM) to address the Ventura County General Plan Update, transportation impact assessments, VMT forecasts for CEQA analysis, and air quality greenhouse gas applications. The model was updated and validated in 2022 to reflect the Base Year (2016) and Future Year (2040) conditions. The model validation/calibration process indicated a favorable validation for the base year conditions and determined that the model can develop future forecasts with changes in roadway and land uses in the region. The existing and future networks from the model were also reviewed for number of lanes, capacity, and facility type of the roadways within the Project corridor and cross streets. Some network changes were made to the model network to correctly reflect the roadway capacity on Hueneme Road. Existing and future land use assumptions within approximately five miles of the Project were verified to ensure they are consistent with the current conditions and relevant county plans and proposed nearby cumulative projects.

The model was determined to be capable of all the Caltrans' requirements for induced vehicle travel assessment except the land use response to network changes, as the land use inputs are held constant for the Base Year (2016) and Future Year (2040) year scenarios.

VMT Analysis

The following sections describe the VMT analysis and results for this study.

Short-Term Induced Travel

Short-term induced travel was estimated by running the VCTM travel demand model.

Five study scenarios were analyzed as part of the VMT analysis and are described below:

- No-Build (2016) Conditions: Using the Base Year (2016) model, travel behavior and total VMT were evaluated for the "without Project" conditions.
- Build (2016) Conditions: Using the Base Year (2016) model, travel behavior and total VMT were evaluated for the "with Project" conditions.
- No-Build (2040) Conditions: Using the Future Year (2040) model with projected General Plan land use growth and planned future roadway improvements, travel behavior and total VMT were evaluated for the "without Project" conditions. Additional cumulative projects in the Project vicinity were also included in the model as part of the future land use growth. The Project vicinity is defined as the area up to 4 miles from the Project and includes cumulative projects ranging from 0.5 mile to 4 miles from the Project.
- Build (2040) Conditions: Using the Future Year (2040) model with projected General Plan land use growth and planned future roadway improvements, travel behavior and total VMT were evaluated for the "with Project" conditions. Similar to the No-Build (2040) scenario, the same cumulative projects in the Project vicinity were also included as part of the future land use growth.
- Build (2040) Conditions Alternative 2: In addition to the Project a separate Future Year (2040) Alternative was evaluated for sensitivity analysis as part of the induced vehicle travel assessment. This scenario assumed additional 2.3-mile (4.2-mile total) roadway widening from Rice Avenue to Wood Road to capture the effect of longer capacity improvements in the Project vicinity. The results from this scenario were also used to determine the reasonable elasticity for the long-term induced vehicle travel.

Model runs were conducted for all the Project scenarios after making necessary changes to the model network and land use. For the Build Conditions scenarios, model runs were conducted using the method described below:

- Full Model Run: Model run included the entire 5-feedback loops which accounts for changes in trip origins and destinations (trip distribution) and mode choice due to the Project.

The model results are summarized in **Table 1**. Since the model does not account for land use changes due to roadway capacity improvements, these results are considered as short-term induced VMT with respect to a change in land miles. Academic research[2] reveals that there is generally a net increase in VMT due to short-term induced travel due to additional roadway capacity. However, the model results for the Project produced a decrease in VMT with the additional lanes on a 1.93-mile roadway segment under both Base Year (2016) and Future Year (2040) conditions. To better understand the model results, traffic volume difference plots for No-Build and Build scenarios were created to visualize the changes in travel pattern on the Project corridor and nearby adjacent roadways. Model volume difference plots are included in **Appendix A**. As shown in the plots, traffic shifts are predicted mainly from Rice Avenue, Pacific Coast Highway and Pleasant Valley Road to the Hueneme Road with added capacity. These route choices lead to shorter travel distances resulting into a reduction in daily county-wide VMT.

Table 1: Project VMT Results – Countywide Area

Scenario	Total Daily VMT	Change in VMT	VMT % Change	Lane-Mile % Change
No Build (2016) Conditions	17,345,708			
Build (2016) Conditions	17,336,703	-9,005	-0.05%	+0.02%
No Build (2040) Conditions	19,510,173			
Build (2040) Conditions	19,494,378	-15,795	-0.08%	+0.02%

As shown in **Table 1**, the Build scenarios show a reduction of 9,005 VMT in Base Year (2016) conditions and 15,795 VMT in Future Year (2040) conditions due to short-term induced VMT.

Long-Term Induced Travel

Long-term induced VMT was estimated by conducting a qualitative assessment of the Project. There is not anticipated to be a significant increase in long-term VMT for several reasons:

The argument that added capacity always produces added traffic may not apply in all cases nor is the effect size always constant. This is especially true if potential land use growth is not anticipated along the Project corridor over time which can be attributed directly or indirectly to added capacity. The Hueneme Road corridor is mainly agricultural lands protected by the 2016 Save Open and Agricultural Resources initiative, and therefore is not anticipated to have significant land use growth in the future. As observed from the Future Year (2040) traffic volumes, the VCTM also reflects these land use constraints along the corridor as part of the Ventura County General Plan. In addition, Hueneme Road is part of the National Highway System and is designated as the primary truck route between Highway 101 and the Port of Hueneme. The added capacity is anticipated to alleviate congestion caused due to

[2] Impact of Highway Capacity and Induced Travel on Passenger Vehicle Use and Greenhouse Gas Emissions, Policy Brief, California Air Resources Board, September 2014

slower truck traffic and suppress the growth induced travel effect by the rerouting of the automobile travel from adjacent congested roadways. Due to the existing roadway conditions and growth constraints, any growth induced VMT is not anticipated to surpass the significant reduction in VMT that is observed due to short-term induced travel.

VMT Reductions from Induced Bicycle Demand

The Project proposes Class II buffered bike lanes and is anticipated to cause an increase in bicycle trips. Because the VCTM model does not account for mode shifts from vehicle to bicycle trips, the VMT summaries does not include trip reductions due to mode shifts associated with the implementation of the bike lanes.

Bicycle demand was estimated based on the methodology described in the National Cooperative Highway Research Program, NCHRP Report 552. Bicycle trips were estimated based on the demographics and proximity of the residences to the proposed bike lanes on Hueneme Road. The methodology provides estimates for high, medium and low bicycle demand. As a conservative approach medium estimates with average one-way daily trip length of only 3 miles were used to determine VMT reductions attributable to induced bicycle trips. The parameters and the vicinity considered for the bicycle demand are included in **Appendix B**. The reduction in VMT with the induced bicycle demand is included in the **Table 2**.

Table 2: VMT Reductions from Induced Bicycle Demand

Scenario	Daily New Bike Trips	Change in VMT
No Build (2016) Conditions	-	-
Build (2016) Conditions	28	-166
No Build (2040) Conditions	-	-
Build (2040) Conditions	32	-193

As shown in **Table 2**, the Build scenarios show a reduction of 166 VMT in Base Year (2016) conditions and 193 VMT in Future Year (2040) conditions due to mode shift from vehicle trips to bicycle trips.

CONCLUSION

Based on the SB 743 VMT analysis, the Project cannot be categorized under the list of project types described in the TAC guidelines that would not likely lead to a measurable and substantial increase in VMT. Therefore, a full VMT analysis was conducted, accounting for short-term induced travel, long-term induced travel, and mode shift from vehicle trips to bicycle trips.

The VMT analysis showed that the Project is estimated to reduce Countywide VMT by an approximate 9,000 average daily countywide VMT in the Base Year conditions and an approximately 16,000 in the Future conditions. Therefore, the Project is presumed to have a less than significant impact on VMT.

APPENDIX A – MODEL OUTPUTS

Figure A1 – VCTC Model 2040 With vs Without Project Daily Traffic Volume Difference – Full Model Run

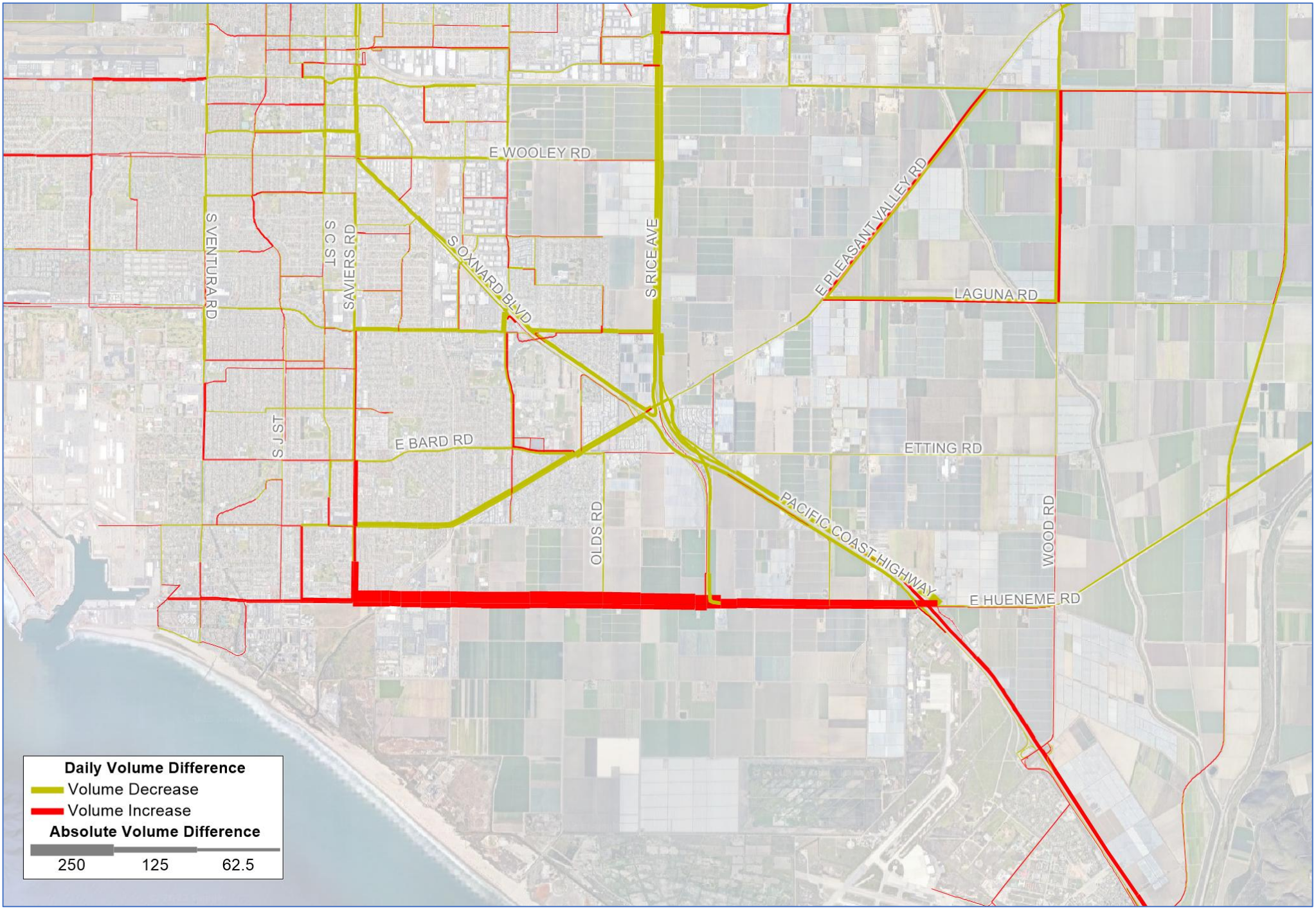
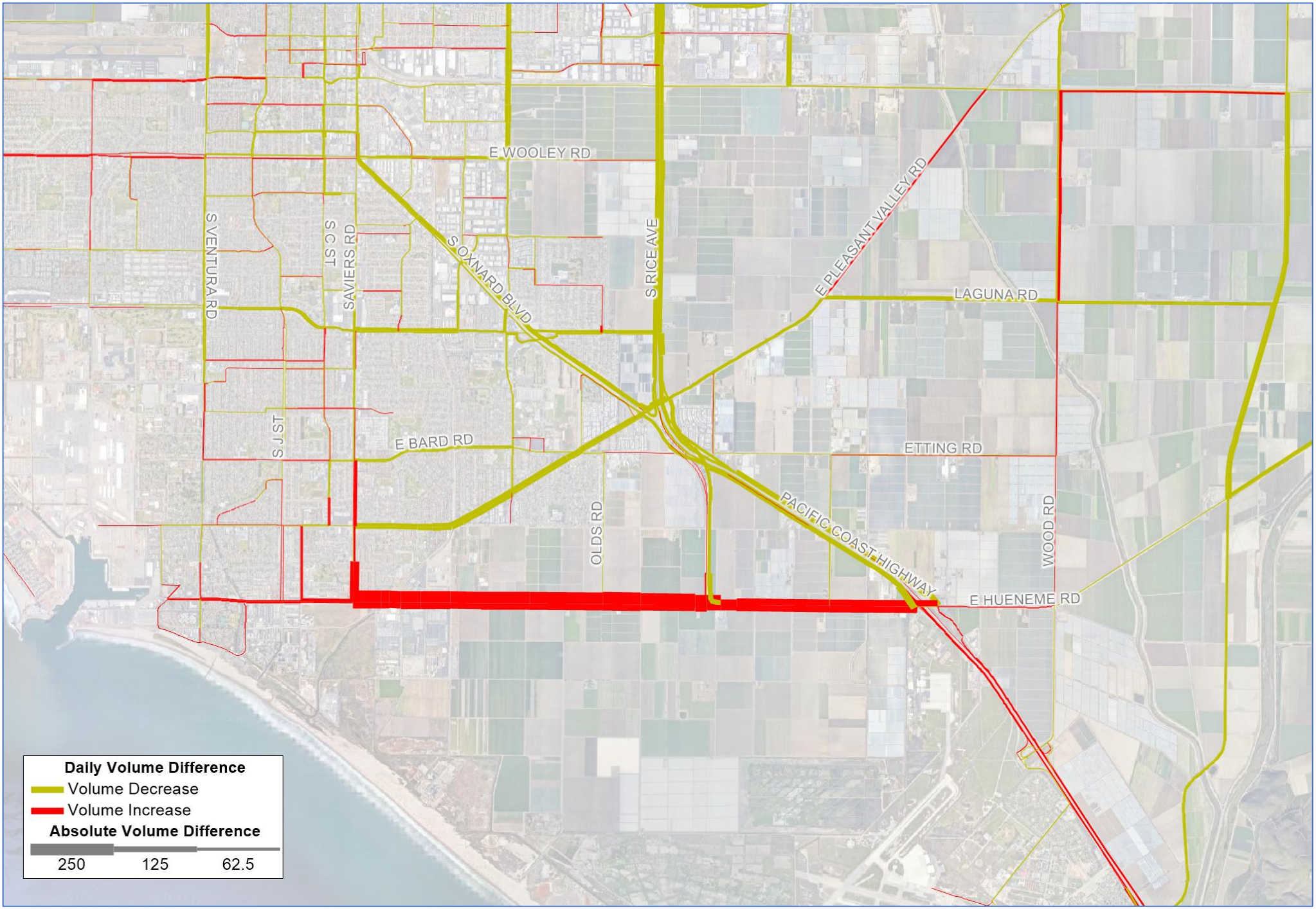
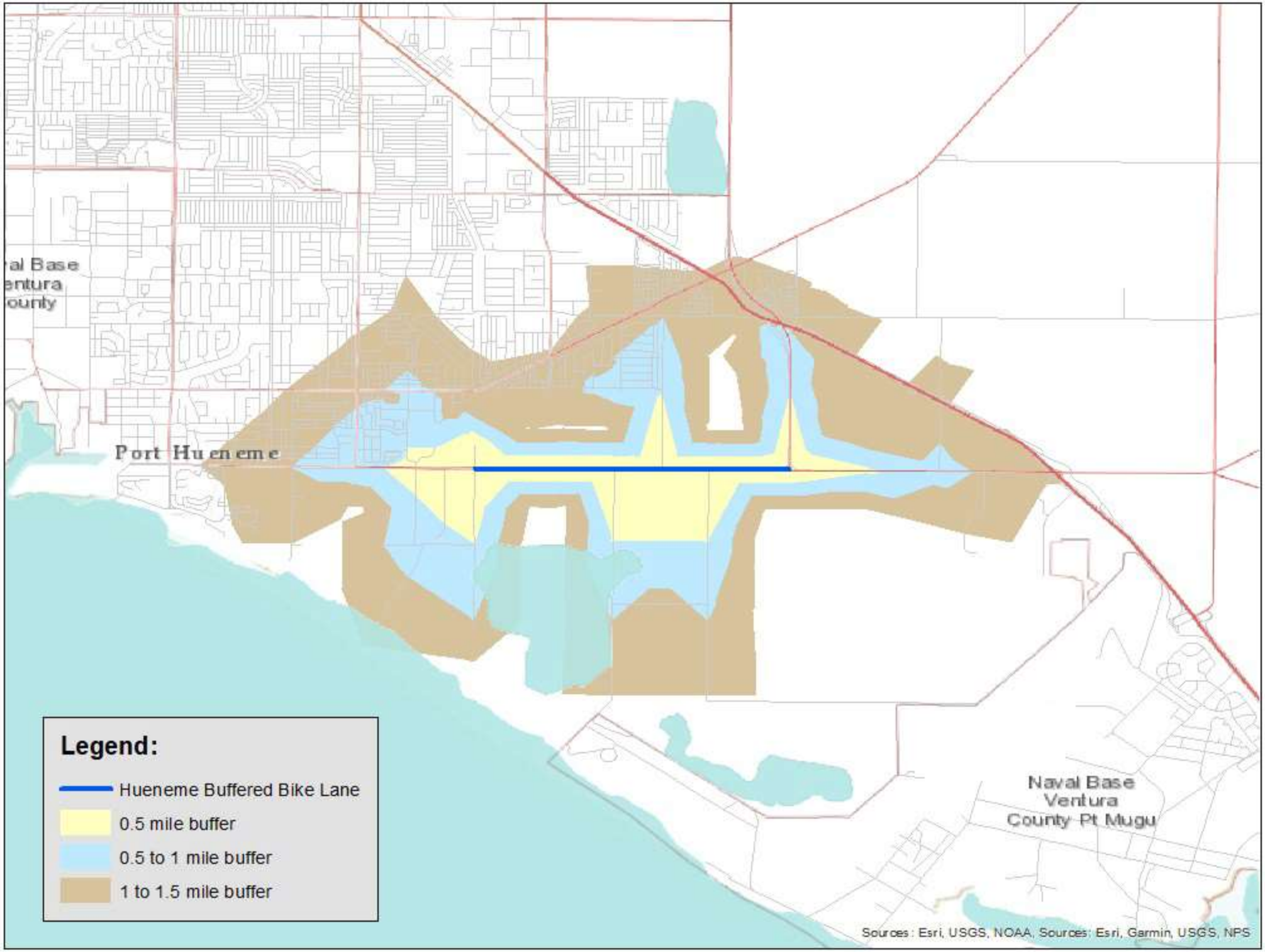


Figure A2 – VCTC Model 2040 With vs Without Project Daily Traffic Volume Difference – Fixed-Trip Model Run



APPENDIX B – BICYCLE DEMAND ESTIMATES

Bicycle Demand Forecast - NCRHP 552 Method



NCHRP 552 Bicycle Ridership Analysis - Existing 2016

Near	Population within 0.5 miles	997.00
Mid	Population between 0.5 miles and 1 mile	5,156.00
Far	Population between 1 mile and 1.5 miles	23,973.00
	Proportion of adults in population	0.8
	Proportion of adults that commute	0.5
	Bicycle Commute Mode Share	1.1%
Near	Proportion of commuters that will use the facility	0.9
Mid	Proportion of commuters that will use the facility	0.65
Far	Proportion of commuters that will use the facility	0.43
Near	Proportion of non-commuters that will use the facility	0.9
Mid	Proportion of non-commuters that will use the facility	0.65
Far	Proportion of non-commuters that will use the facility	0.43
Near	Proportion of youth that will use the facility	0.8
Mid	Proportion of youth that will use the facility	0.75
Far	Proportion of youth that will use the facility	0.5
High	Adult bicycling rate	8.0%
Medium	Adult bicycling rate	1.7%
Low	Adult bicycling rate	1.1%
Near	Liklihood multiplier for induced bicycle riders	2.93
Mid	Liklihood multiplier for induced bicycle riders	2.11
Far	Liklihood multiplier for induced bicycle riders	1.39
	Youth bicycle use	6.0%

			Calibrated	Total
Medium Estimate			**Demand**	**Trips**
A	Total existing bicycle commuters	64		
B	Total existing adult non-commuter bicyclists	350		
C	Total existing adult cyclists (A+B)	415		
D	Induced bicycle commuters	42		
E	Induced non-commuters	192	15	24
F	Induced adult cyclists (D+E)	234	17	28
G	Total adult cyclists (C+F)	648		
H	Total existing child cyclists	200		
I	Induced child cyclists	326		
J	Total child cyclists (H+I)	526		
K	Total facility users (G+J)	1,174		

NCHRP 552 Bicycle Ridership Analysis - Future 2040

Near	Population within 0.5 miles	3,063.00
Mid	Population between 0.5 miles and 1 mile	6,240.00
Far	Population between 1 mile and 1.5 miles	24,718.00
	Proportion of adults in population	0.8
	Proportion of adults that commute	0.5
	Bicycle Commute Mode Share	1.1%
Near	Proportion of commuters that will use the facility	0.9
Mid	Proportion of commuters that will use the facility	0.65
Far	Proportion of commuters that will use the facility	0.43
Near	Proportion of non-commuters that will use the facility	0.9
Mid	Proportion of non-commuters that will use the facility	0.65
Far	Proportion of non-commuters that will use the facility	0.43
Near	Proportion of youth that will use the facility	0.8
Mid	Proportion of youth that will use the facility	0.75
Far	Proportion of youth that will use the facility	0.5
High	Adult bicycling rate	8.0%
Medium	Adult bicycling rate	1.7%
Low	Adult bicycling rate	1.1%
Near	Liklihood multiplier for induced bicycle riders	2.93
Mid	Liklihood multiplier for induced bicycle riders	2.11
Far	Liklihood multiplier for induced bicycle riders	1.39
	Youth bicycle use	6.0%

			Calibrated	Total
Medium Estimate			**Demand**	**Trips**
A	Total existing bicycle commuters	77		
B	Total existing adult non-commuter bicyclists	391		
C	Total existing adult cyclists (A+B)	468		
D	Induced bicycle commuters	61		
E	Induced non-commuters	248	17	27
F	Induced adult cyclists (D+E)	309	20	32
G	Total adult cyclists (C+F)	777		
H	Total existing child cyclists	234		
I	Induced child cyclists	411		
J	Total child cyclists (H+I)	645		
K	Total facility users (G+J)	1,422		

Appendix J: Mitigation Monitoring and Reporting Program

HUENEME ROAD WIDENING PROJECT
HIPL-5952(215)

California Environmental Quality Act
Mitigation Monitoring and Reporting Program

State Clearinghouse #2023080386

Prepared for:

County of Ventura
800 South Victoria Avenue
Ventura, CA 93009
Contact: Matt Hespenheide, Engineering Manager

Prepared by:

GPA Consulting
840 Apollo Street, Suite 312
El Segundo, CA 90245
Contact: Erinn Silva, Principal Environmental Planner

September 2025

Mitigation Monitoring and Reporting Program

CEQA requires that a reporting or monitoring program be adopted for the conditions of project approval that are necessary to mitigate or avoid significant effects on the environment (Public Resources Code 21081.6). The mitigation monitoring and reporting program is designed to ensure compliance with adopted mitigation measures during project implementation.

For each mitigation measure recommended in the Environmental Impact Report (EIR), specifications are made herein that identify the action required and the monitoring that must occur. In addition, a responsible agency is identified for verifying compliance with individual conditions of approval contained in the Mitigation Monitoring and Reporting Program (MMRP).

To implement this MMRP, the County of Ventura will designate a Project Mitigation Monitoring and Reporting Coordinator (Coordinator). The Coordinator will be responsible for ensuring that the mitigation measures incorporated into the project are complied with during project implementation.

The following table will be used as the Coordinator's checklist to determine compliance with required mitigation measures.

TABLE 1
MITIGATION MONITORING AND REPORTING PROGRAM

AVOIDANCE, MINIMIZATION, AND MITIGATION MEASURES	ACTION REQUIRED	TIMING/PHASE	MONITORING FREQUENCY	RESPONSIBLE AGENCY OR PARTY	COMPLIANCE VERIFICATION		
					INITIAL	DATE	COMMENTS
AGRICULTURE AND FORESTRY RESOURCES							
MM_AGR-1: The County of Ventura (County) would prepare and submit a report for the review and approval of the Planning Division in consultation with the Department of Agriculture/Weights & Measures Division which identifies a minimum of one proposed potential mitigation site suitable for ensuring the permanent protection of offsite farmland of equal quality at a 1:1 ratio (acres preserved: acres converted) through the establishment of one or more offsite agricultural conservation easements. The County would also deposit funds to contract with a qualified third-party agricultural economic consultant to review and advise the Planning Division and Department of Agriculture/Weights & Measures Division regarding the establishment and implementation of the agricultural conservation easement(s).	Requirement that the County would prepare and submit a report which identifies a minimum of one proposed potential mitigation site suitable for ensuring the permanent protection of offsite farmland of equal quality at a 1:1 ratio (acres preserved: acres converted) through the establishment of one or more offsite agricultural conservation easements.	Prior to construction	Once, prior to construction	County of Ventura			
AIR QUALITY							
AQ-1: The construction contractor would comply with the California Department of Transportation's (Caltrans) non-standard special provision Section 14-9.05 (2023). Section 14-9.05 requires identification of the local air quality jurisdiction and for the contract to comply with all applicable rules and best management practices. The project would comply with all applicable	Requirements of special provision Section 14-9.05 are to be included in the final project bid package and are to be applied during project construction.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			

Avoidance, Minimization, and Mitigation Measures	Action Required	Timing/Phase	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
Ventura County Air Pollution Control District (VCAPCD) rules and regulations including, but not limited to, Rule 55 for the control of fugitive dust, Rule 62.7 for the control of asbestos-containing material (ACM), and Rule 74.4, which prohibits the use of cutback asphalt.							
AQ-2: Water or a dust palliative would be applied to the site and equipment as often as necessary to control fugitive dust emissions.	Requirements that water or a dust palliative would be used during construction.	During Construction	Continuous during construction	County of Ventura			
AQ-3: Soil binder would be spread on any unpaved roads used for construction purposes, and on all project construction parking areas.	Requirements that soil binder would be spread on any unpaved roads used for construction and all project construction parking area. Final project bid package is to identify contractor areas.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			
AQ-4: Trucks would be washed as they leave the right-of-way (ROW) as necessary to control fugitive dust emissions.	Requirements that trucks would be washed as they leave the ROW.	During construction	Continuous during construction	County of Ventura			
AQ-5: Construction equipment and vehicles would be properly tuned and maintained. All construction equipment would use low sulfur fuel as required by the California Code of Regulations Title 17, Section 93114.	Requirement that construction equipment and vehicles would be properly tuned, maintained, and use low sulfur fuel.	During construction	Continuous during construction	County of Ventura			

Avoidance, Minimization, and Mitigation Measures	Action Required	Timing/Phase	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
AQ-6: A dust control plan would be developed documenting sprinkling, temporary paving, speed limits, and timely re-vegetation of disturbed slopes as needed to minimize construction impacts on existing communities.	Requirement that a dust control plan would be developed prior to construction. Project bid package is to identify plan.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			
AQ-7: Equipment and materials storage sites would be located as far away from residential and park uses as practicable. Construction areas would be kept clean and orderly.	Requirements that equipment and materials be located as far away from residential and park uses as practicable and are to be included in the project bid package and applied during construction.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			
AQ-8: Environmentally sensitive areas would be established near sensitive air receptors. Within these areas, construction activities involving the extended idling of diesel equipment or vehicles would be prohibited, to the extent feasible.	Requirements that environmentally sensitive areas would be established near sensitive air receptors and are to be included in the project bid package and applied during construction.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			
AQ-9: Track-out reduction measures, such as gravel pads at project access points to minimize dust and mud deposits on roads affected by construction traffic, would be used.	Requirements that track-out reduction measures would be implemented at project access points and are to be included in the project bid package and applied during construction.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			

Avoidance, Minimization, and Mitigation Measures	Action Required	Timing/Phase	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
AQ-10: All transported loads of soil and wet materials would be covered before transport, or adequate freeboard (space from the top of the material to the top of the truck) would be provided to minimize the emission of dust during transportation.	Requirements that all transported loads of soil and wet materials would be covered before transport.	During Construction	Continuous during construction	County of Ventura			
AQ-11: Dust and mud that are deposited on paved, public roads due to construction activity and traffic would be promptly and regularly removed to reduce Particulate Matter (PM) emissions.	Requirements that dust and mud deposited on public roads would be promptly and regularly removed.	During Construction	Continuous during construction	County of Ventura			
AQ-12: To the extent feasible, construction traffic would be scheduled and routed to reduce congestion and related air quality impacts caused by idling vehicles along local roads during peak travel times.	Requirements that traffic would be scheduled and routed to reduce congestion and air quality impacts. To be included in the project bid package and applied during construction.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			
AQ-13: Mulch would be installed, or vegetation planted as soon as practicable after grading to reduce windblown Particulate Matter (PM) in the area.	Requirements that mulch would be installed or vegetation planted as soon as practicable after grading, and to be included in the project bid package and applied during construction.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			

Avoidance, Minimization, and Mitigation Measures	Action Required	Timing/Phase	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
AQ-14: In addition, nonstandard special provision 14-9.05 would mandate contractors to be responsible for complying with all rules and regulations implemented by air districts.	Requirements that nonstandard special provision 14-9.05 would be implemented. To be included in the project bid package and applied during construction.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			
Biological Resources							
BIO-1: Work areas would be reduced to the maximum extent feasible, and staging areas would be a minimum of 25 feet from jurisdictional features.	Work areas and staging areas, which are to be reduced to the maximum extent feasible and located away from jurisdictional features, are to be identified in the final project plans. During construction, workers are to stay within designated work areas.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			
BIO-2: Prior to the initiation of any work, including installation of Environmentally Sensitive Area (ESA) fencing or clearing and grubbing activities, a qualified biologist would conduct environmental worker awareness training for all project personnel. The training would include a summary of sensitive habitats and special-status species with the potential to be within the construction area, required avoidance and minimization measures, and permitting conditions associated with biological resources.	A qualified biologist would conduct environmental worker awareness training for all project personnel, are to be identified in the final project plans.	Prior to construction	Once, prior to construction	County of Ventura			

Avoidance, Minimization, and Mitigation Measures	Action Required	Timing/Phase	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
BIO-3: Best Management Practices (BMP), such as silt fencing, fiber rolls, straw bales, or other measures would be implemented during construction to minimize dust, dirt, and construction debris from entering the jurisdictional features, and/or leaving the construction area. Silt fencing would be placed along the boundary of the work area and between the temporary impact area and the drainages, and in other areas as appropriate to minimize impacts on the drainages.	Locations of BMPs such as silt fencing, fiber rolls, straw bales, or other measures are to be identified in the final project plans and applied during construction.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			
BIO-4: Appropriate hazardous material BMPs would be implemented to reduce the potential for chemical spills or contaminant releases into the jurisdictional features including any non-stormwater discharge.	Hazardous material BMPs are to be included in the final project bid package and applied during construction.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			
BIO-5: All equipment refueling, and maintenance would be conducted at least 100 feet away from jurisdictional features. In addition, construction vehicles and equipment would be checked daily for fluid and fuel leaks, and drip pans would be placed under all equipment that is parked and not in operation. Any leaking vehicle or equipment would not be operated in the project area until repaired. All workers would be informed of the importance of preventing spills and the appropriate measures to take should a spill happen.	The final project bid package is to identify equipment refueling, and maintenance areas away from jurisdictional features. Vehicle and equipment maintenance protocols are to be included final project bid package and applied during construction. Requirements outlining that workers are to be informed of the importance of preventing spills and the appropriate measures to take should a spill happen are to be included in	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			

Avoidance, Minimization, and Mitigation Measures	Action Required	Timing/Phase	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
	the final project bid package and applied during construction.						
BIO-6: Any temporary erosion control implemented during construction would be completed using non- invasive species. At project completion, all temporarily disturbed areas would be recontoured to pre-construction conditions.	Requirements that temporary erosion control implemented during construction is to be completed using non-invasive species, and are to be included in final project bid package and applied during construction. Final project bid package is to identify contractor areas and is to require that at project completion, all contractor areas are to be re-contoured to pre-construction conditions. During construction, contractors are to stay within designated work areas.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			
BIO-7: Pesticides, herbicides, and/or rodenticides would not be used as part of the project.	Requirement that pesticides, herbicides, and/or rodenticides would not be used as part of the project. Final project bid package is to require that these will not be used.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			

Avoidance, Minimization, and Mitigation Measures	Action Required	Timing/Phase	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
BIO-8: Prior to construction near the Coastal and Valley Freshwater Marsh (cattail marsh), high visibility Environmentally Sensitive Area (ESA) protective fencing or flagging would be installed at the limits of construction to protect adjacent resources.	Requirements that ESA protective fencing or flagging would be installed at the limits of construction. Final project bid package is to identify ESA locations.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			
BIO-9: Vegetation removal and excavation would be reduced to the extent feasible.	Final project bid package is to identify where vegetation removal and excavation are to be located, reduced to the extent feasible.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			
BIO-10: Pre-construction wildlife surveys would be conducted within 48 hours prior to start of construction by a qualified biologist.	Requirements that pre-construction wildlife surveys would be conducted within 48 hours prior to construction.	48 hours prior to the start of construction activities.	Once prior to construction	County of Ventura			
BIO-11: No pets would be allowed in the construction area, to avoid and minimize the potential for harassment, injury, and death of wildlife.	Requirement that no pets would be allowed in the construction area.	During construction	Continous during construction	County of Ventura			
BIO-12: Nighttime construction would only be authorized on a case-by-case basis in coordination with a qualified biologist.	Requirement that night work would only be authorized on a case-by-case basis.	During construction	Continuous during construction	County of Ventura			
BIO-13: If special-status species are found in the construction areas, work would be suspended until appropriate measures are developed and implemented under the direction of a qualified biologist, and under consultation with regulatory agencies if warranted, to ensure the species are not harmed.	Requirement that work would be suspended if special-status species are found until appropriate measures are developed and implemented by a qualified biologist.	During construction	Continuous during construction	County of Ventura			

Avoidance, Minimization, and Mitigation Measures	Action Required	Timing/Phase	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
BIO-14: All project-related vehicle traffic would be restricted to established roads and construction areas, which include equipment staging, storage, parking, and stockpile areas.	Requirement that all project-related traffic would be restricted to established road and construction areas. Project plans are to identify these roads and construction areas.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			
BIO-15: To prevent attracting wildlife to the construction area, all food trash would be kept in wildlife-proof containers and any non-natural food sources would not be left unattended.	Requirement that food trash would be kept in wildlife-proof containers and non-natural food sources would not be left unattended.	During Construction	Continuous during construction.	County of Ventura			
BIO-16: Within 48 hours prior to construction, a qualified biologist would survey all areas where vegetation removal would be conducted to confirm the presence/absence of the special-status invertebrates.	Requirement that within 48 hours prior to construction, a qualified biologist would survey all areas where vegetation removal would be conducted to confirm the presence/absence of special-status invertebrates	Within 48 hours prior to construction	Once prior to construction	County of Ventura			
BIO-17: If a special-status invertebrate is identified within the project area, areas temporarily impacted during construction would be restored using native species using one or more of the food plant genera, if appropriate for the region.	Requirement that if a special-status invertebrate is identified, areas temporarily impacted would be restored using native species. Final project plans to identify native species used for restoration.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			

Avoidance, Minimization, and Mitigation Measures	Action Required	Timing/Phase	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
BIO-18: To prevent inadvertent entrapment of the special-status reptiles species or other animals during construction, all excavated, steep-walled holes or trenches more than six inches deep would be provided with one or more escape ramps constructed of earthen fill or wooden planks. Before such holes or trenches are filled, they would be thoroughly inspected for trapped animals by a qualified biologist.	Requirement that all excavated, steep-walled holes or trenches more than six inches deep would be provided with one or more escape ramps constructed of earthen fill or wooden planks. Before such holes or trenches are filled, they would be thoroughly inspected for trapped animals by a qualified biologist. Final project plans to include ramps.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			
BIO-19: A qualified biologist would complete pre-construction surveys no more than 48 hours prior to construction to determine the presence or absence of special-status reptile species in the project area. Surveys would be repeated if construction activities are suspended for five days or more. If these species are identified onsite, appropriate measures would be developed and implemented to avoid impacts on these wildlife species, in consultation with appropriate resource agencies as applicable. Measures may include relocating individuals to outside the project area, limiting construction within the project area to avoid impacting these species, or other measures as determined by a qualified biologist in coordination with California Department of Fish and Wildlife (CDFW).	Requirement that a qualified biologist would complete pre-construction surveys no more than 48 hours prior to construction to determine the presence or absence of special-status reptile species in the project area. Surveys would be repeated if construction activities are suspended for five days or more. If these species are identified onsite, appropriate measures would be developed and implemented to avoid impacts on these wildlife species.	No more than 48 hours prior to construction	Prior to construction Continuous during construction	County of Ventura			

Avoidance, Minimization, and Mitigation Measures	Action Required	Timing/Phase	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
BIO-20: A qualified biologist would complete pre-construction surveys no more than 48 hours prior to construction to determine the presence or absence of special-status mammal species in the project area. Surveys would be repeated if construction activities are suspended for five days or more. If these species are identified onsite, appropriate measures would be developed and implemented to avoid impacts on these wildlife species, in consultation with appropriate resource agencies as applicable. Measures may include relocating individuals to outside the project area, limiting construction within the project area to avoid impacting these species, or other measures as determined by a qualified biologist in coordination with California Department of Fish and Wildlife (CDFW).	Requirement that a qualified biologist would complete pre-construction surveys no more than 48 hours prior to construction to determine the presence or absence of special-status mammal species in the project area. Surveys would be repeated if construction activities are suspended for five days or more.	No more than 48 hours prior to construction	Prior to construction Continuous during construction	County of Ventura			
BIO-21: Tree removal and trimming, if any, would be conducted outside of the recognized bat maternity season (approximately April 1 through September 15), and non-active season (November 1 through February 28) season for bats where feasible.	The project is to be scheduled outside of bat maternity season if possible.	During construction	Continuous during construction	County of Ventura			
BIO-22: Prior to construction, a qualified bat biologist would conduct a habitat assessment within the project area. Any trees that are determined to provide potentially suitable habitat would be marked "habitat trees" by the qualified biologist.	Requirement that a qualified bat biologist would conduct a habitat assessment prior to construction and mark any potential habitat trees.	Prior to construction	Once prior to construction	County of Ventura			
BIO-23: During the summer months (June 1 through August 31) prior to construction, visual and acoustic surveys would be conducted for at least two nights at all identified roosting habitat to assess	Requirement that during the summer months prior to construction, visual and acoustic surveys	During the summer months prior to construction	At least two nights prior to construction	County of Ventura			

Avoidance, Minimization, and Mitigation Measures	Action Required	Timing/Phase	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
the presence of roosting bats. If presence of a roost is detected, a count and species analysis would be completed to help assess the type of colony and usage.	would be conducted for at least two nights at all identified roosting habitat.						
BIO-24: If the presence or absence of bats cannot be confirmed in potential roosting habitat, a qualified biologist would be onsite during tree removal/trimming or disturbance of this area. If the biologist determines that bats are being disturbed during this work, work would be suspended until bats have left the vicinity on their own or can be safely excluded under direction of the biologist. Work would resume only once all bats have left the site and/or approval to resume work is given by a qualified biologist.	Requirement that if the presence or absence of bats cannot be confirmed in potential roosting habitat, a qualified biologist would be onsite during tree removal/trimming or disturbance of this area.	During Construction	Continuous during construction	County of Ventura			
BIO-25: No less than a month prior to construction, and outside of the recognized bat maternity and inactive seasons (September 15-October 31), bats would be safely evicted from roosts impacted by the project under the direction of a qualified biologist. Exclusionary devices would be installed if feasible on the bridge and in trees to prevent bats from returning and roosting in these areas. Roosts that would not be impacted by the project would be left undisturbed.	Requirement that bats would be safely evicted from roosts impacted by the project under the direction of a qualified biologist. Exclusionary devices would be installed if feasible on the bridge and in trees to prevent bats from returning and roosting in these areas.	No less than one month Prior to construction	Once prior to construction	County of Ventura			
BIO-26: All removal of trees with potential bat habitat would be conducted using a 2-step process over two consecutive days under the supervision of a qualified biologist. On the first day, any trees that do not contain crevice or cavity roosting habitat, as determined by a qualified biologist, would be trimmed or removed (only if necessary for project	Requirement that all removal of trees with potential bat habitat would be conducted using a 2-step process over two consecutive days under the supervision of a qualified biologist.	During construction	Continuous during construction	County of Ventura			

Avoidance, Minimization, and Mitigation Measures	Action Required	Timing/Phase	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
construction). In addition, limited trimming of trees (branches and small limbs with no potential roosting features) would be completed. Construction crews would only use hand tools (i.e. chainsaws or similar). On the calendar day immediately following the trimming, all of trees that were previously trimmed would be removed (only if necessary for project construction).							
BIO-27: If a maternal colony of bats is found, no work would be conducted within 100 feet of the maternal roosting site until the maternal season is finished or the bats have left the site, or as otherwise directed by a qualified biologist. The site would be designated as a sensitive area and protected as such until the bats leave the site. No activities would be authorized adjacent to the roosting site. Combustion equipment, such as generators, pumps, and vehicles, would not be parked nor operated under or adjacent to the roosting site. Construction personnel would not be authorized to enter areas beneath the colony, especially during the evening exodus (typically between 15 minutes prior to sunset and one hour following sunset).	Requirement that if a maternal colony of bats is found, no work would be conducted within 100 feet of the maternal roosting site until the maternal season is finished or the bats have left the site, or as otherwise directed by a qualified biologist	During construction	Continuous during construction	County of Ventura			
BIO-28: Tree removal would be avoided during the bird and raptor breeding season (February 15 through August 1).	The project is to be scheduled outside of bird and raptor breeding season if possible.	During construction	Continuous during construction	County of Ventura			
BIO-29: If trimming or removal of vegetation and/or initial ground disturbance must be conducted during the nesting season, nesting bird surveys would be completed within 500 feet of the	Requirement that if trimming or removal of vegetation and/or initial ground disturbance must be	72 hours prior to trimming or ground disturbing activities, or if construction	Continuous during construction.	County of Ventura			

Avoidance, Minimization, and Mitigation Measures	Action Required	Timing/Phase	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
construction area (500 feet for raptors and 100 feet for other birds), as feasible, by a qualified biologist no more than 72 hours prior to trimming or ground disturbance activities. Surveys would be repeated if construction activities are suspended for 14 days or more.	conducted during the nesting season, nesting bird surveys would be completed within 500 feet of the construction area (500 feet for raptors and 100 feet for other birds), as feasible, by a qualified biologist no more than 72 hours prior to trimming or ground disturbance activities. Surveys would be repeated if construction activities are suspended for 14 days or more.	activities are suspended for 14 days or more.					
BIO-30: If nesting birds are found within 500 feet of the construction area, appropriate buffers (typically 100 feet for birds and 500 feet for raptors) consisting of orange flagging/fencing or similar would be installed and maintained until nesting activity has ended, as determined in coordination with the surveying biologist and regulatory agencies, as appropriate.	Requirement that if nesting birds are found within 500 feet of the construction area, appropriate buffers (typically 100 feet for birds and 500 feet for raptors) consisting of orange flagging/fencing or similar would be installed and maintained until nesting activity has ended	During construction	Continuous during construction	County of Ventura			
BIO-31: Pre-construction burrowing owl surveys would be conducted by a qualified biologist in accordance with the most current California Department of Fish and Wildlife (CDFW) survey requirements and methodologies.	A focused survey be conducted for burrows and burrowing owls within the BSA prior to the start of construction activities.	Prior to the start of construction activities	Once prior to construction	County of Ventura			

Avoidance, Minimization, and Mitigation Measures	Action Required	Timing/Phase	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
Cultural Resources							
CUL-1: If cultural materials are discovered during construction, work would be halted in that area until a qualified archaeologist has assessed the potential discovery and determined the need for further action.	Final project bid package is to include that work is to be halted in the area until a qualified archaeologist can assess the nature and significance of the find. Additional surveys are required if the project limits change to include areas not previously surveyed.	PS&E plan check During construction	Once during plan check During ground disturbing activities	County of Ventura			
CUL-2: Health and Safety Code Section 7050.5, Section 15064.5(e) of the California Environmental Quality Act (CEQA) Guidelines, and Public Resource Code (PRC) Section 5097.98 mandate the process to be followed in the unlikely event of an unanticipated discovery of human remains in a location other than a dedicated cemetery. The Ventura County Coroner would be notified within 24 hours of the discovery of potentially human remains. The Coroner must then determine within two working days of being notified if the remains are subject to his or her authority. If the Coroner recognizes the human remains (including bone fragments and funerary objects) to be Native American, he or she must contact the Native American Heritage Commission (NAHC) by phone within 24 hours. The NAHC then designates a most likely descendent (MLD) with respect to the human remains within 48 hours of notification. The MLD	Final project bid package is to include that in the event of the accidental discovery or recognition of any human remains in any location other than a dedicated cemetery, steps are to be taken in compliance with the CCR Section 15064.5 and would be applied during construction. All construction activities are to cease, and the County Coroner is to be contacted if any human remains are discovered, in accordance with 14 CCR Section 15064.5. If the coroner determines that the human	PS&E plan check During construction	Once during plan check During ground disturbing activities	County of Ventura			

Avoidance, Minimization, and Mitigation Measures	Action Required	Timing/Phase	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
would then have the opportunity to recommend to the project proponent means for treating or disposing of, with appropriate dignity, the human remains and associated grave goods within 24 hours of notification.	remains are of Native American origin, the NAHC are to be notified to determine the most likely descendent (MLD) for the area.						
Hazards and Hazardous Materials							
HAZ-1: A Phase II Site Investigation (SI) would be conducted to determine the presence of aerially deposited lead (ADL), pesticides and associated metals (e.g. arsenic), asbestos-containing material (ACM), or lead based paint (LBP) in the project area and further investigate hazardous waste sites. If ADL, pesticides and associated metals (e.g. arsenic), ACM, or LBP are discovered, the project would comply with Caltrans Standard Specifications Section 14-11.03 to safely handle and dispose of hazardous waste.	A Phase II SI would be conducted to determine the presence of aerially deposited lead (ADL), pesticides and associated metals (e.g. arsenic), asbestos-containing material (ACM), or lead based paint (LBP) in the project area and further investigate hazardous waste sites.	During PS&E	Once during plan check	County of Ventura			
HAZ-2: Should the underground storage tank (UST) located at 2463 East Hueneme Road require removal/relocation and/or if excavation is planned within the near vicinity of the UST, any potentially contaminated soil encountered would be properly stockpiled and characterized to develop a waste profile prior to disposal and/or reuse.	Final project bid package is to include that any excess soil generated from construction excavations would be properly characterized for potential contaminants of concern (including metals and pesticides) prior to offsite reuse or disposal and would be applied during construction.	During PS&E During construction	Once during plan check Continuous during construction	County of Ventura			

Avoidance, Minimization, and Mitigation Measures	Action Required	Timing/Phase	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
HAZ-3: All traffic striping paints would be treated as lead-containing for purposes of determining the applicability of the California Occupational Safety and Health Administration (OSHA) lead standard during removal activities. Used sandblasting materials or ground asphalt waste streams containing striping pain should be properly containerized to develop a waste profile prior to disposal.	Final project bid package is to include that all striping paints would be treated as lead-containing and used sandblasting materials or ground asphalt waste streams containing striping paint would be properly containerized and characterized to develop a waste profile prior to disposal and would be applied during construction.	During PS&E During construction	Once during PS&E Continuous during construction	County of Ventura			
HAZ-4: If leaking transformers are identified during construction, Southern California Edison (SCE) would be contacted to test for polychlorinated biphenyls (PCB) or other hazardous substance, service, replace, and/or relocate the equipment.	Final project bid package is to include that if leaking transformers are identified during construction, the utility owner would be contacted to test for PCBs or other hazardous substances, service, replace and/or relocate the equipment and would be applied during construction.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			
HAZ-5: Existing groundwater wells within the project area would be properly abandoned in accordance with regulatory permitting requirements if not planned for use.	Final project bid package is to include that existing groundwater wells would be properly abandoned.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			

Avoidance, Minimization, and Mitigation Measures	Action Required	Timing/Phase	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
Noise							
NOI-1: Noise associated with construction is controlled by Caltrans Standards Specification Section 14-8.02 "Noise Control" which states: • Do not exceed 86 A-weighted decibels maximum sound level (dBA L_{max}) at 50 feet from the job site activities from 9:00 p.m. to 6:00 a.m. • Equip an internal combustion engine with the manufacturer-recommended muffler. Do not operate an internal combustion engine on the job site without the appropriate muffler.	Final project bid package is to include that all equipment will have sound-control devices no less effective than those provided on the original equipment, each internal combustion engine used for any purpose on the job or related to the job will be equipped with a muffler of a type recommended by the manufacturer, no internal combustion engine is to be operated on the construction site without an appropriate muffler, construction methods or equipment that will provide the lowest level of noise impact will be used, and idling equipment is to be turned off.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			
Tribal Cultural Resources							

Avoidance, Minimization, and Mitigation Measures	Action Required	Timing/Phase	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
TRC-1: If project limits are extended beyond the current survey limits, additional surveys would be required.	Requirements that if the project limits are extended beyond the current survey limits, additional surveys would be conducted.	PS&E plan check During construction	Once during plan check Continuous during construction	County of Ventura			
TRC-2: If previously unidentified cultural materials are un-earthed during construction, work would be halted in that area until a qualified archaeologist can assess the significance of the find.	Final project bid package is to include that work is to be halted in the area until a qualified archaeologist can assess the nature and significance of the find. Additional surveys are required if the project limits change to include areas not previously surveyed.	PS&E plan check During construction	Once during plan check During ground disturbing activities	County of Ventura			
TRC-3: During Assembly Bill (AB) 52 Consultation with the Coastal Band of the Chumash Nation, Native American monitoring was requested. A Native American monitor would be retained for all ground-disturbing activities associated with the drainage ditch relocation on the north side of Hueneme Road, the Southern California Edison (SCE) power pole relocations, and any scraping/grubbing required to prepare the site.	Requirement that a Native American monitor would be retained for all ground-disturbing activities associated with the drainage ditch relocation on the north side of Hueneme Road, the Southern California Edison (SCE) power pole relocations, and any scraping/grubbing	Prior to construction During construction	Continuous during construction	County of Ventura			

Avoidance, Minimization, and Mitigation Measures	Action Required	Timing/Phase	Monitoring Frequency	Responsible Agency or Party	Compliance Verification		
					Initial	Date	Comments
	required to prepare the site.						
TRC-4: Prior to construction, the County of Ventura (County) would provide a complete list of equipment to be used for construction of the project and would coordinate as needed with the tribe to identify any additional concerns.	Requirement that a complete list of equipment to be used for construction of the project and would coordinate as needed with the tribe to identify any additional concerns.	PS&E plan check	Once, prior to construction	County of Ventura			
TRC-5: Prior to construction, the Coastal Band of the Chumash nation would conduct worker awareness training related to Tribal Cultural Resources.	Requirement that the Coastal Band of the Chumash Nation would conduct worker awareness training related to Tribal Cultural Resources.	Prior to construction	Once, prior too construction	County of Ventura			
Utilities and Service Systems							
UTL-1: Temporary stormwater drainage measures to prevent polluted runoff in the construction site would include, but not be limited to, the installation of earth dikes, drainage swales, and ditches, silt fences, desilting basins, and stormwater drain inlet protection.	Requirement that temporary stormwater drainage measures to prevent polluted runoff in the construction site would include, but not be limited to, the installation of earth dikes, drainage swales, and ditches, silt fences, desilting basins, and stormwater drain inlet protection.	PS&E plan check During Construction	Once during plan check During ground disturbing activities	County of Ventura			

AVOIDANCE, MINIMIZATION, AND MITIGATION MEASURES	ACTION REQUIRED	TIMING/PHASE	MONITORING FREQUENCY	RESPONSIBLE AGENCY OR PARTY	COMPLIANCE VERIFICATION		
					INITIAL	DATE	COMMENTS
UTL-2: The location of underground utilities would be confirmed prior to proposed construction activities by contacting the Underground Service Alert of Southern California (DigAlert). If necessary, the County of Ventura (County) would work in close coordination with utility providers to develop a relocation plan to minimize possible impacts and disruption to service utilities.	Requirement that the location of underground utilities would be confirmed prior to proposed construction activities by contacting the Underground Service Alert of Southern California (DigAlert).	PS&E plan check During Construction	Once during plan check During ground disturbing activities	County of Ventura			

Appendix K: Written Comments Received and Response to Comments

A total of one (1) agency and one (1) individual provided written comments during the circulation period. This appendix includes copies of the letters received, with the responses to comments immediately following each letter.

Table A. Commenters

No.	Name	Type of Correspondence	Date
Comment A	California Department of Transportation (Caltrans)	Letter	November 6, 2025
Comment B	Leslie Purcell	Email	November 14, 2025

Comment A: California Department of Transportation

STATE OF CALIFORNIA—CALIFORNIA STATE TRANSPORTATION AGENCY GAVIN NEWSOM, Governor

DEPARTMENT OF TRANSPORTATION
DISTRICT 7
100 S. MAIN STREET, MS 16
LOS ANGELES, CA 90012
PHONE (213) 269-1124
FAX (213) 897-1337
TTY 711
www.dot.ca.gov

Making Conservation a California Way of Life

November 6, 2025

Matt Hespenheide
Ventura County Department of Public Works
800 S. Victoria Avenue #1600
Ventura, CA 93009

RE: Hueneme Road Widening Project
SCH # 2023080368
Vic. VEN-01/PM 12.788
GTS # VEN-2023-00656-DEIR

Dear Matt Hespenheide:

Thank you for including the California Department of Transportation (Caltrans) in the environmental review process for the above-referenced environmental document. The County proposes widening an approximate 1.93-mile portion of Hueneme Road, between Edison Drive and Rice Avenue, from a 2-lane roadway to a 4-lane roadway with buffered bike lanes, a paved median, and turn lanes (project). All existing left-turn lanes would be retained as part of the project. The total width of the new roadway would vary between 63 to 72 feet. The widened roadway would taper to the existing configuration of one travel lane in each direction approximately 1,200 feet east of Rice Avenue. The purpose of this project is to improve vehicle and bicycle travel and safety, improve the freight movement corridor, increase connectivity for bicycle riders, and complete vehicle and bicycle improvements consistent with the County's General Plan.

The mission of Caltrans is to provide a safe and reliable transportation network that serves all people and respects the environment. Senate Bill 743 (2013) has codified into CEQA law and mandated that CEQA review of transportation impacts of proposed development be modified by using Vehicle Miles Traveled (VMT) as the primary metric in identifying transportation impacts for all future development projects. As a reminder, all environmental documents should include Vehicle Miles Traveled. You may reference the Governor's Office of Planning and Research (OPR) for more information:

https://opr.ca.gov/ceqa/#guidelines-updates

"Provide a safe and reliable transportation network that serves all people and respects the environment"

Matt Hespenheide
November 6, 2025
Page 2 of 2

Caltrans acknowledges and appreciates the use of SB 743–compliant methodology and SCAG regional modeling assumptions in the Draft EIR. The analysis appropriately aligns with current state guidance and demonstrates a net decrease in countywide VMT (−9,005 VMT/day in 2016 and −15,795 VMT/day in 2040). This finding reflects effective integration of multimodal improvements and consistency with regional sustainability and VMT reduction goals. #1

Construction is expected to last approximately 12 months; during this period, there would be a temporary increase in construction-related trips from vehicles and construction equipment. To minimize disruptions to traffic flow, these construction activities are planned to be conducted within the established hours of operation, specifically between 7:00 a.m. and 8:00 p.m., from Monday to Friday, in full compliance with the noise regulations specified by the County (County of Ventura, 2010).

Any transportation of heavy construction equipment and/or materials that require the use of oversized transport vehicles on State highways will need a Caltrans transportation permit. Any large-size truck trips be limited to off-peak commute periods for the construction phase and operation phase. Construction truck loads should be covered with a tarpaulin cover. #2

Storm water run-off is a sensitive issue for Los Angeles County. Please be mindful that projects should be designed to discharge clean run-off water. Additionally, discharge of storm water run-off is not permitted onto State highway facilities without any storm water management plan. #3 and #4

In addition, a truck/traffic construction management plan may be needed for this project because the project is close to Caltrans on/off-ramps. Traffic Management Plans involving lane closures or street detours which will impact the circulation system affecting traffic to and from freeway on/off-ramps should be coordinated with Caltrans. #5

If you have any questions, please feel free to contact Mr. Alan Lin, the project coordinator, at (213) 269-1124 and refer to GTS # VEN-2023-00656-DEIR.

Sincerely,

Miya Edmonson

MIYA EDMONSON
LDR/CEQA Branch Chief

email: State Clearinghouse

"Provide a safe and reliable transportation network that serves all people and respects the environment"

Response to Comment A, #1

This comment has been noted for the record.

Response to Comment A, #2

This comment has been noted for the record.

Response to Comment A, #3

This comment has been noted for the record.

Response to Comment A, #4

This comment has been noted for the record.

Response to Comment A, #5

This comment has been noted for the record.

Comment B: Leslie Purcell

Re: Hueneme Road Widening Draft EIR 11-14-2025

The Draft EIR states that 329 non-native trees would be removed, with no mitigation proposed. This number of trees provides climate, health and habitat benefits that should be addressed. Enhanced air quality, air temperature moderation, water absorption, shade and cooling, habitat creation, are factors that will be affected. Climate impacts should be considered. The diminishment of these climate and human health related factors, with the proposed removal of such a significant number of mature trees should be analyzed cumulatively. These potential effects should be quantified, and if/when they are found to be significant, mitigations should be developed. For example, an appropriate number of trees could be planted in an area nearby. #1 #2

In terms of habitat, it is likely that there are birds that nest in these trees, and although the nesting season may be avoided during construction, as mitigation for the removal there could be trees planted that would be used for future nesting activity. #3

"There are several rows of eucalyptus trees tightly packed together adjacent to the roadway that are used as a wind break for crops" (DEIR p.13). The fact that these trees are eucalyptus and not native, does not mean that they are not of value. Monarch butterflies roost in eucalyptus trees in other parts of Ventura County. There was no mention of monarchs in the DEIR. The fact that these trees are tightly packed together gives rise to the question of whether they are habitat for overwintering monarchs. Has there been a biological assessment of the potential of these trees as monarch habitat that should be protected? #4

In regard to the status of monarchs, from the California Dept. of Fish and Wildlife:

In December 2020, the U.S. Fish and Wildlife Service (Service) found that **listing was warranted but precluded** by other listing actions on its National Priority List. On December 12, 2024, the Service **proposed listing the monarch** as threatened with a **4(d) rule** and designated critical habitat in California in the western population's overwintering range.

In California, monarchs are not listed under the California Endangered Species Act (CESA). They are included on the California Department of Fish and Wildlife's (CDFW) **Terrestrial and Vernal Pool Invertebrates of Conservation Priority list (PDF)** (PDF) and identified as a Species of Greatest Conservation Need in California's **State Wildlife Action Plan**.

https://wildlife.ca.gov/Conservation/Invertebrates/Monarch-Butterfly#status

As a California "Species of Greatest Conservation Need", the potential for monarchs in the area and the habitat value of these 329 eucalyptus trees should be looked into by a qualified biologist as part of the EIR process. #5

Per the Mandatory Findings of Significance, the DEIR cites "the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal…" (DEIR p. 9). This potential degradation of habitat should be considered for monarchs. #6

In April 2021, the Ventura County BOS adopted a policy aimed at protecting declining populations of the Western Monarch. Under Goals COS-1 and COS-1.1, the DEIR should address whether these eucalyptus trees slated for removal could, and/or do, provide overwintering habitat for monarchs. #7

Please address these concerns.

Leslie Purcell.
Ventura, CA

Response to Comment B, #1

Tree removal within the project area does not meet thresholds of significance for impacts on air quality within the project area or the cumulative setting of the South Central Coast Air Basin. Based on the guidance in Appendix G of the CEQA Guidelines and Ventura County Air Pollution Control District's (VCAPCD) significance thresholds for ozone, an air quality impact is considered significant if the project would:

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

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

(c) Expose sensitive receptors to substantial pollutant concentrations; and/or

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

As discussed in Section 3.4 of the DEIR, the project would not result in a long-term impact on the region's ability to meet state and federal air quality standards. Therefore, no mitigation is required.

Air temperature moderation, shade, and cooling are not evaluated in the CEQA Environmental Checklist, and significance thresholds for these relatively unquantifiable impacts are not agreed upon. The row of trees to be removed is not likely to modify temperature to a significant degree, nor is it expected to provide substantial shade or cooling, as the trees do not form a contiguous, sizable canopy. With their narrow, upright structure, at most, the trees provide a small amount of shade and cooling for areas directly adjacent to the windbreak, including Hueneme Road and the agricultural business south of Hueneme Road between Olds Road and Casper Road. This impact is not significant, as wildlife activity along Hueneme Road and in the agricultural area is minimal. Therefore, no mitigation is required.

Several trees to be removed are adjacent to Drainage 2 and likely absorb some water from that drainage. However, the drainage is not intended for windbreak irrigation, and is expected to be relocated during project construction. The trees to be removed do play a role in taking up stormwater during rain events. However, the trees are not expected to be functioning as a method of flood control. Therefore, no mitigation is required.

The trees to be removed provide habitat for wildlife; however, as discussed in Section 3.5 of the DEIR, impacts do not meet thresholds of significance for impacts on special-status wildlife or migratory birds/raptors. Therefore, no mitigation is required.

Response to Comment B, #2

Within the cumulative setting of Ventura County, the removal of 329 non-native windbreak trees in an agricultural area is less than significant, and the subject trees are not protected under County regulations. Therefore, no mitigation is required, and thus, the trees are not expected to be replaced.

Response to Comment B, #3

The trees in question could provide nesting habitat for migratory and resident birds, and the project would reduce available nesting habitat as described in Section 3.5 of the DEIR. However, there are other similarly comprised windbreaks of similar maturity/size adjacent and perpendicular to Hueneme Road that provide equivalent nesting value for migratory and resident birds in the project vicinity. Therefore, removal of potential nesting habitat would not be considered significant within the cumulative setting. The project would have a less than significant impact on nesting birds with the implementation of DEIR avoidance and minimization measures BIO-17 through BIO-19.

Response to Comment B, #4

The "rows of eucalyptus trees tightly packed together adjacent to the roadway" were erroneously described as eucalyptus trees in the DEIR. As described in the Biological Resource Assessment (Appendix D of the DEIR), the trees comprising the windbreak south of Hueneme Road are black poplars (*Populus nigra*). This has been corrected in the Final EIR. According to the Xerces Society for Invertebrate Conservation, this tree species is not among the species known to provide suitable overwintering habitat for monarchs (Xerces Society for Invertebrate Conservation, 2024). Additionally, there are no verified or potential monarch overwintering sites in the agricultural areas of the Oxnard Plain, which includes the project area (Xerces Society for Invertebrate Conservation, 2025).

Suitable monarch overwintering sites require specific environmental conditions including protection from winds and storms, a structured canopy, and access to fall and winter blooming nectar plants (Xerces Society for Invertebrate Conservation, 2017). The trees to be removed were planted as a windbreak, indicating that strong winds are occasionally a feature of the project area landscape. The windbreak is oriented in an east to west manner, creating a barrier to northerly and/or southerly winds. The single-row arrangement of the black poplars in the windbreak would not provide significant protection from strong winds to any monarchs roosting in the trees. Additionally, the black poplar cultivar used in the windbreak has a narrow, columnar structure with upward-pointing branches. This canopy arrangement lacks structural diversity and does not provide substantial overhead branch coverage for protection from rainstorms.

Suitable monarch overwintering habitat also requires proximity to fall and winter blooming nectar plants. Unlike the winter-blooming eucalyptus trees monarchs are known to overwinter in, black poplar is winter deciduous, and blooms in the spring. The project area is primarily agricultural and lacks significant floral resources that could provide overwintering monarchs with nectar sources. Therefore, the trees in question are not expected to provide suitable overwintering habitat for monarchs.

Response to Comment B, #5

This comment has been noted for the record and the concerns raised are addressed in the response to comment B, #4.

Response to Comment B, #6

This comment has been noted for the record and the concerns raised are addressed in the response to comment B, #4.

Response to Comment B, #7

This comment has been noted for the record and the concerns raised are addressed in the response to comment B, #4.

References

Xerces Society for Invertebrate Conservation. (2017, November). *Protecting California's Butterfly Groves: Management Guidelines for Monarch Butterfly Overwintering Habitat.* Portland, OR: The Xerces Society for Invertebrate Conservation. Retrieved from Western Monarch Count: https://westernmonarchcount.org/wp-content/uploads/2014/11/2017-040_ProtectingCaliforniaButterflyGroves.pdf

Xerces Society for Invertebrate Conservation. (2024, September). *Common Overwintering Trees and Shrubs in California.* Retrieved from Western Monarch Count: https://westernmonarchcount.org/wp-content/uploads/2024/09/Copy-of-Common-Overwintering-Trees-in-California-v2-1.pdf

Xerces Society for Invertebrate Conservation. (2025, November 18). *Map of Overwintering Sites*. Retrieved from Western Monarch Count: https://westernmonarchcount.org/map-of-overwintering-sites/

Findings Required Under the California Environmental Quality Act

for the

Hueneme Road Widening Project, Ventura County, California

Prepared pursuant to

Sections 15091 and 15093 of the State CEQA Guidelines

and Section 21081 of the Public Resources Code

By

Ventura County

November 2025

Statutory Requirements

The California Environmental Quality Act (CEQA) and particularly the CEQA Guidelines (Section 15091) require that:

> *No public agency shall approve or carry out a project for which an Environmental Impact Report (EIR) has been certified which identifies one or more significant environmental effects of the project unless the public agency makes one or more written findings for each of those significant effects, accompanied by a brief explanation of the rationale for each finding, The possible findings are:*
>
> 1. *Changes or alternations have been required in, or incorporated into, the project, which avoid or substantially less the significant environmental effect as identified in the Final EIR.* [Referred to herein as "Finding 1"]
> 2. *Such changes or alterations are within the responsibility and jurisdiction of another public agency and not the agency making the finding. Such changes have been adopted by such other agency or can and should be adopted by such other agency.*
> 3. *Specific economic, legal, social, technological, or other considerations, including provision of employment opportunities for highly trained workers, make infeasible the mitigation measures or project alternatives in the Final EIR.*

For those significant effects that the agency determines are not feasible to mitigate to a less-than-significant level, the public agency is required to find that specific overriding economic, legal, social, technological, or other benefits of the project outweigh the significant effects on the environment (see Public Resources Code (PRC) Section 21081(b)). The guidelines state in Section 15093 that:

> *If the specific economic, legal, social, technological, or other benefits of a proposed project outweigh the unavoidable adverse environmental effects, the adverse environmental effects may be considered acceptable.*

Record of Proceedings and Custodian of Record

For purposes of CEQA and these findings, the record of proceedings for Ventura County (County) decisions on the project consist of: (a) matters of common knowledge to the County, including, but not limited to, federal, state, and local laws and regulations and policies, and (b) the following documents, which are in custody of Ventura County, Department of Public Works, 800 South Victoria Avenue, Ventura, CA 93009:

- Notice of Preparation and other public notices issued by the County in conjunction with the project
- Draft EIR, dated October 2025

- All testimony, documentary evidence, and correspondence submitted in response to the Draft EIR by agencies or members of the public during the public comment period on the Draft EIR, and the County's responses to those comments
- Final EIR, dated November 2025, including all documents incorporated therein by reference
- Mitigation Monitoring and Reporting Program, dated November 2025
- All findings, statements of overriding consideration, and resolutions adopted by the County in connection with the project, and all documents cited or referred to therein
- All final technical reports and addenda, studies, memoranda, maps, correspondence, and all planning documents prepared by the County or the County's consultants relating to the project
- All documents submitted to the County by agencies or members of the public in connection with development of the project
- All references listed in the references section of the Draft EIR
- Meeting agenda, minutes, and staff reports of the County relating to the project
- Other documents regarding coordination and consultation with the public and public agencies and other documents designated by the County

Preparation and Consideration of the Final EIR and Independent Judgement Findings

Pursuant to PRC Section 21082.1(c)(3), the County finds, with respect to the County's preparation, review and consideration of the Final EIR, that:

- The County retained the independent firm of GPA Consulting to prepare the EIR, and GPA Consulting prepared the EIR under the supervision and at the direction of the County's Public Works Department.
- The County circulated the Draft EIR for review by responsible agencies and the public from October 1, 2025, to November 14, 2025, for a period of 45 days and submitted it to the State Clearinghouse for review and comment by state agencies.
- The EIR has been completed in compliance with CEQA.
- The project will not have significant, unavoidable impacts as described and discussed in the EIR.
- The EIR is adequate under CEQA to address the potential environmental impacts of the project.
- The EIR has been presented to the County and the County's Board of Supervisors has independently reviewed and considered information contained in the EIR.

By these findings, the County ratifies, adopts and incorporates the analyses, explanations, findings, responses to comments, and conclusions of the EIR, except as specifically described in these findings.

Findings Regarding Less-Than-Significant Impacts; Mitigation Incorporated

CEQA Finding 1

The County finds that, as discussed below, the following potentially significant impact would be reduced to a less-than-significant level with implementation of the corresponding mitigation measures of the project.

Impact

- **Impact AGR-1**: Widening of Hueneme Road could conflict with an applicable County program, *Implementation Program AG-O*, which assesses farmland impacts under CEQA. The guidelines specify that any project that would result in the direct or indirect loss of five acres of Prime Farmland/Farmland of Statewide Importance, 10 acres of Unique Farmland, or 15 acres of Farmland of Local Importance is considered a significant impact. The project would require permanent acquisition from existing farmland in the project area, resulting in the conversion of 7.56 acres of Prime Farmland/Farmland of Statewide Importance into a transportation facility.

Mitigation

- **MM-AGR-1:** The County of Ventura (County) shall prepare and submit a report for the review and approval of the Planning Division in consultation with the Department of Agriculture/Weights & Measures Division which identifies a minimum of one proposed potential mitigation site suitable for ensuring the permanent protection of offsite farmland of equal quality at a 1:1 ratio (acres preserved: acres converted) through the establishment of one or more offsite agricultural conservation easements. The County shall also deposit funds to contract with a qualified third-party agricultural economic consultant to review and advise the Planning Division and Department of Agriculture/Weights & Measures Division regarding the establishment and implementation of the agricultural conservation easement(s).

Findings

The County adopts Finding 1.

Facts in Support of Findings

Facts in support of the findings are described in Section 3.3 of the Draft EIR.

Alternatives to the Proposed Project

Introduction

The EIR analyzes one build alternative (Alternative 3, Hybrid) that meets the project objectives: to serve existing transportation demand, improve the freight movement corridor, and improve vehicle and bicycle travel and safety. Other alternatives considered in the EIR include the No Build Alternative and two alternatives that were initially considered but subsequently rejected and therefore not evaluated in detail: Alternative 1, Widening on Both Sides, and Alternative 2, Widening on One Side. The two alternatives considered but not evaluated in detail are discussed below.

The number of alternatives evaluated in detail was determined to be an adequate range of reasonable alternatives as required under CEQA Guidelines Section 15126.6. The environmental impacts of each alternative are identified in the EIR. The environmentally superior alternative, Alternative 3, is identified in Section 4.2.2 of the Draft EIR.

Alternative Analysis

The County finds that the range of alternatives studied in the EIR along with recognition of the project objectives reflects a reasonable attempt to identify and evaluate various alternatives that would be capable of reducing project environmental impacts while accomplishing most project objectives. The County is required to determine whether any alternative identified in the EIR is environmentally superior. The following summarizes the No Build Alternative and alternatives considered but not evaluated in detail.

No Build Alternative

Under the No Build Alternative, project improvements would not be developed or constructed on Hueneme Road within the project area. This alternative would maintain the current configuration of the roadway segments and local intersections within the project area. The No Build Alternative would not address the purpose and need of the project.

Alternative 1 – Widening on Both Sides

Alternative 1 would include widening Hueneme Road by approximately 20 feet on both sides. The roadway fill embankments would range from close to existing to approximately five feet. Drainage would need to be extended, and existing roadside ditches would need to be relocated. Alternative 1 would require upgrading and modifying three traffic signals. This alternative would require 9.1 acres of property acquisition from 29 separate parcels. In addition, Alternative 1 would require the removal of one building structure. Hueneme Road is a major utility corridor, with Southern California Edison (SCE) utility poles at close proximity to the roadway. A total of 58 poles would need to be relocated. Three intersections would require modifications to traffic signals, but Alternative 1 would only

require modifications to half of the intersections. Water purveyors have three water facilities within the project area that would need to be protected in place, and four facilities that would need to be relocated. The total new pavement area would be 7.46 acres. Alternative 1 was eliminated from further consideration primarily due to greater utility and drainage impacts. Widening the roadway on both sides would result in an increased number of utilities, such as power poles, and drainage ditches that would need to be relocated.

Alternative 2 – Widening on One Side

Alternative 2 would include widening the roadway approximately 38 feet on one side where the impacts would be less adverse. In general, the project would widen one side of the roadway; however, the existing roadway shoulder and shoulder backing on the opposite side of the road would also be brought to County standards. From the City of Oxnard limits to the Rice Avenue intersection, Hueneme Road would be widened to the south. This alternative would require 9.9 acres of right of way (ROW) acquisition from 29 parcels. In addition, Alternative 2 would require the removal of one building structure and the relocation of 63 SCE utility poles. Three intersections would require modifications to traffic signals. Water purveyors have six water facilities within the project area that would need to be protected in place, and two facilities that would need to be relocated. The total new pavement area would be 6.71 acres. Alternative 2 was eliminated from further consideration primarily due to greater ROW and utility impacts. Widening the roadway on one side would result in greater utility impacts, such as power poles, and require increased ROW acquisitions from parcels on the widened side of the roadway.

Environmentally Superior Alternative

CEQA requires that an environmentally superior project alternative be specified, if one is identified. In general, the environmentally superior alternative is supposed to minimize adverse impacts on the environment while achieving most of the basic objectives of the project.

The No Build Alternative would avoid the agriculture impacts of the project. Therefore, the No Build Alternative would be considered the environmentally superior alternative; however, it would not meet any of the project objectives.

CEQA Guidelines Section 15126.6, subdivision (e)(2) states: “If the environmentally superior alternative is the ‘no project’ alternative, the EIR shall also identify an environmentally superior alternative among the other alternatives.” The identification of the environmentally superior alternative for this project was based on the criteria described in the Executive Summary of the EIR. Three build alternatives were originally under consideration and Alternative 3 was selected as the environmentally superior alternative.

When compared to the other alternatives, Alternative 3 had fewer impacts on utility poles, driveways, and culverts when compared to Alternatives 1 and 2. Alternative 3 would use a combination of widening both sides or only one side in certain areas to reduce impacts in sensitive areas. From the City of Oxnard city limits to the Olds Road intersection, Hueneme Road would be widened to the south. From the Olds Road intersection, Hueneme Road would be widened on both sides at the Rice Avenue intersection. Alternative 3 would require 9.3 acres of ROW acquisition from 30 parcels and would require the removal of four building structures and the relocation of 41 SCE utility poles. Modifications to traffic signals would be required at three intersections. Four private water facilities within the project area would need to be protected in place, and 10 facilities would need to be relocated. The total new pavement area would be 7.8 acres. Based on the analysis in the EIR, Alternative 3 is the environmentally superior alternative.

Preferred Alternative

Based on several factors, including the public and agency comments received on the Draft EIR, Ventura County is recommending the selection of Alternative 3 to be carried forward as the preferred alternative. The primary determining factor in selecting Alternative 3 is that it requires the least amount of disruption to utilities and property acquisition and displacement; therefore, this alternative is expected to cause the least disruption to nearby property owners, businesses, and residents. Based on feedback received during public review, it appears that is acceptable to the community. If Alternative 3 is adopted by the Board of Supervisors as part of the Final EIR certification process, it would be advanced to the final stages of project development leading to construction.